

## Deen Dayal Upadhyaya Gorakhpur University

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h-index (five year data)	17

Sno	Title	Authors	Source Title	Publication Year	DOI	Total Citations	Average per Year	2016	2017	2018	2019	2020	2021
1	Essential Oils: Sources of Antimicrobials and Food Preservatives	Pandey, Abhay K.; Kumar, Pradeep; Singh, Pooja; Tripathi, Nijendra N.; Bajpai, Vivek K.	FRONTIERS IN MICROBIOLOGY	2017	10.3389/fmicb.2016.02161	125	25	0	6	15	28	46	30
2	Supramolecular Polymers Capable of Controlling Their Topology	Yagai, Shiki; Kitamoto, Yuichi; Datta, Sougata; Adhikari, Bimalendu	ACCOUNTS OF CHEMICAL RESEARCH	2019	10.1021/acs.accounts.8b00660	55	18.33	0	0	0	11	32	12
3	Aerosol black carbon quantification in the central Indo-Gangetic Plain: Seasonal heterogeneity and source apportionment	Vaishya, Aditya; Singh, Prayagraj; Rastogi, Shantanu; Babu, S. Suresh	ATMOSPHERIC RESEARCH	2017	10.1016/j.atmosres.2016.10.001	48	9.6	0	3	10	8	19	8
4	Enhanced room temperature ferromagnetism and green photoluminescence in Cu doped ZnO thin film synthesised by neutral beam sputtering	Agarwal, D. C.; Singh, U. B.; Gupta, Srashthi; Singhal, Rahul; Kulriya, P. K.; Singh, Fouran; Tripathi, A.; Singh, Jitendra; Joshi, U. S.; Avasthi, D. K.	SCIENTIFIC REPORTS	2019	10.1038/s41598-019-43184-9	30	10	0	0	0	4	18	8
5	Prospective of Essential Oils of the Genus Mentha as Biopesticides: A Review	Singh, Pooja; Pandey, Abhay K.	FRONTIERS IN PLANT SCIENCE	2018	10.3389/fpls.2018.01295	29	7.25	0	0	0	3	19	7
6	Phytoconstituents assisted green synthesis of cerium oxide nanoparticles for thermal decomposition and dye remediation	Sharma, Jitendra Kumar; Srivastava, Pratibha; Ameen, Sadia; Akhtar, M. Shaheer; Sengupta, S. K.; Singh, Gurdip	MATERIALS RESEARCH BULLETIN	2017	10.1016/j.materresbull.2017.03.034	28	5.6	0	0	3	10	11	4
7	An algorithm based on exponential modified cubic B-spline differential quadrature method for nonlinear Burgers' equation	Tamsir, Mohammad; Srivastava, Vineet K.; Jiwari, Ram	APPLIED MATHEMATICS AND COMPUTATION	2016	10.1016/j.amc.2016.05.048	28	4.67	0	3	9	4	6	6
8	Multiband optical variability of the blazar S5 0716+714 in outburst state during 2014-2015	Agarwal, Aditi; Gupta, Alok C.; Bachev, R.; Strigachev, A.; Semkov, E.; Wiita, Paul J.; Fan, J. H.; Pandey, U. S.; Boeva, S.; Spassov, B.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2016	10.1093/mnras/stv2345	27	4.5	2	7	9	4	4	1
9	Azadirachta indica plant-assisted green synthesis of Mn3O4 nanoparticles: Excellent thermal catalytic performance and chemical sensing behavior	Sharma, Jitendra Kumar; Srivastava, Pratibha; Ameen, Sadia; Akhtar, M. Shaheer; Singh, Gurdip; Yadava, Sudha	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2016	10.1016/j.jcis.2016.03.052	26	4.33	2	4	7	4	7	2
10	Electrospinning production of nanofibrous membranes	Mishra, Raghvendra Kumar; Mishra, Priyanka; Verma, Kartikey; Mondal, Aniruddha; Chaudhary, Ratiram Gomaji; Abolhasani, Mohammad Mahdi; Loganathan, Sravanthi	ENVIRONMENTAL CHEMISTRY LETTERS	2019	10.1007/s10311-018-00838-w	24	8	0	0	0	0	13	11
11	Betulinic acid as apoptosis activator: Molecular mechanisms, mathematical modeling and chemical modifications	Kumar, Pranesh; Bhadauria, Archana S.; Singh, Ashok K.; Saha, Sudipta	LIFE SCIENCES	2018	10.1016/j.lfs.2018.07.056	23	5.75	0	0	0	6	5	12

12	Natural Product-Based 1,2,3-Triazole/Sulfonate Analogues as Potential Chemotherapeutic Agents for Bacterial Infections	Aneja, Babita; Azam, Mudsser; Alam, Shadab; Perwez, Ahmad; Maguire, Ronan; Yadava, Umesh; Kavanagh, Kevin; Daniliuc, Constantin G.; Rizvi, M. Moshahid A.; Haq, Qazi Mohd. Rizwanul; Abid, Mohammad	ACS OMEGA	2018	10.1021/acsomega.8b00582	22	5.5	0	0	1	9	8	4
13	From zero to hero: the past, present and future of grain amaranth breeding	Joshi, Dinesh C.; Sood, Salej; Hosahatti, Rajashekara; Kant, Lakshmi; Pattanayak, A.; Kumar, Anil; Yadav, Dinesh; Stetter, Markus G.	THEORETICAL AND APPLIED GENETICS	2018	10.1007/s00122-018-3138-y	21	5.25	0	0	0	2	11	8
14	X-Ray Intraday Variability of Five TeV Blazars with NuSTAR	Pandey, Ashwani; Gupta, Alok C.; Wiita, Paul J.	ASTROPHYSICAL JOURNAL	2017	10.3847/1538-4357/aa705e	21	4.2	0	1	6	6	8	0
15	Evaluation of caffeine as inhibitor against collagenase, elastase and tyrosinase using in silico and in vitro approach	Lee, Kyung Eun; Bharadwaj, Shiv; Yadava, Umesh; Kang, Sang Gu	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	2019	10.1080/14756366.2019.1596904	18	6	0	0	0	3	7	8
16	Comparative computational analysis of electronic structure, MEP surface and vibrational assignments of a nematic liquid crystal: 4-n-methyl-4'-cyanobiphenyl	Sharma, Dipendra; Tiwari, S. N.	JOURNAL OF MOLECULAR LIQUIDS	2016	10.1016/j.molliq.2015.11.045	18	3	1	3	2	5	6	1
17	Pressure-induced phase transitions and superconductivity in a black phosphorus single crystal	Li, Xiang; Sun, Jianping; Shahi, Prashant; Gao, Miao; MacDonald, Allan H.; Uwatoko, Yoshiya; Xiang, Tao; Goodenough, John B.; Cheng, Jinguang; Zhou, Jianshi	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018	10.1073/pnas.1810726115	17	4.25	0	0	0	4	11	2
18	Zingiber officinale and 6-gingerol alleviate liver and kidney dysfunctions and oxidative stress induced by mercuric chloride in male rats: A protective approach	Joshi, Deepmala; Srivastav, Sunil Kumar; Belemkar, Sateesh; Dixit, Vaibhav A.	BIOMEDICINE & PHARMACOTHERAPY	2017	10.1016/j.biopha.2017.04.108	17	3.4	0	0	4	7	5	1
19	Propagation of a strong spherical shock wave in a gravitating or non-gravitating dusty gas with exponentially varying density	Nath, G.; Vishwakarma, J. P.	ACTA ASTRONAUTICA	2016	10.1016/j.actaastro.2016.03.009	17	2.83	1	0	3	2	7	4
20	In silico evaluation of inhibitory potential of triterpenoids from Azadirachta indica against therapeutic target of dengue virus, NS2B-NS3 protease	Dwivedi, Vivek Dhar; Tripathi, Indra Prasad; Mishra, Sarad Kumar	JOURNAL OF VECTOR BORNE DISEASES	2016		17	2.83	0	0	3	5	4	5
21	Deciphering the Biochemical Pathway and Pharmacokinetic Study of Amyloid beta eta-42 with Superparamagnetic Iron Oxide Nanoparticles (SPIONs) Using Systems Biology Approach	Kaushik, Aman Chandra; Kumar, Ajay; Dwivedi, Vivek Dhar; Bharadwaj, Shiv; Kumar, Sanjay; Bharti, Kritika; Kumar, Pavan; Chaudhary, Ravi Kumar; Mishra, Sarad Kumar	MOLECULAR NEUROBIOLOGY	2018	10.1007/s12035-017-0546-y	16	4	0	0	2	6	5	3
22	Magnetogasdynamic spherical shock wave in a non-ideal gas under gravitational field with conductive and radiative heat fluxes	Nath, G.; Vishwakarma, J. P.	ACTA ASTRONAUTICA	2016	10.1016/j.actaastro.2016.06.051	16	2.67	0	2	5	2	4	3
23	Efficacy of Some Essential Oils Against Aspergillus flavus with Special Reference to Lippia alba Oil an Inhibitor of Fungal Proliferation and Aflatoxin B-1 Production in Green Gram Seeds during Storage	Pandey, Abhay K.; Sonker, Nivedita; Singh, Pooja	JOURNAL OF FOOD SCIENCE	2016	10.1111/1750-3841.13254	16	2.67	0	4	2	4	2	4
24	Production, purification and biochemical characterization of an exo-polygalacturonase from Aspergillus niger MTCC 478 suitable for clarification of orange juice	Anand, Gautam; Yadav, Sangeeta; Yadav, Dinesh	3 BIOTECH	2017	10.1007/s13205-017-0760-3	15	3	0	0	1	2	8	4
25	Anti-leishmanial and cytotoxic activities of amino acid-triazole hybrids: Synthesis, biological evaluation, molecular docking and in silico physico-chemical properties	Masood, Mir Mohammad; Hasan, Phool; Tabrez, Shams; Ahmad, Md. Bilal; Yadava, Umesh; Daniliuc, Constantin G.; Sonawane, Yogesh A.; Azam, Amir; Rub, Abdur; Abid, Mohammad	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2017	10.1016/j.bmcl.2017.03.049	15	3	0	0	6	2	6	1
26	Modified cubic B-spline differential quadrature method for numerical solution of three-dimensional coupled viscous Burger equation	Shukla, H. S.; Tamsir, Mohammad; Srivastava, Vineet K.; Rashidi, Mohammad Mehdi	MODERN PHYSICS LETTERS B	2016	10.1142/S0217984916501104	14	2.33	0	5	5	1	1	2
27	Improved ferroelectric, magnetic and photovoltaic properties of Pr doped multiferroic bismuth ferrites for photovoltaic application	Artia; Kumar, Sumit; Kumar, Parveen; Walia, Rajan; Verma, Vivek	RESULTS IN PHYSICS	2019	10.1016/j.rinp.2019.102403	13	4.33	0	0	0	0	6	7

28	Fermented papaya preparation modulates the progression of N-methyl-N-nitrosourea induced hepatocellular carcinoma in Balb/c mice	Somanah, Jhoti; Ramsaha, Srishti; Verma, Shalini; Kumar, Ashok; Sharma, Poornima; Singh, Ranjan Kumar; Aruoma, Okezie I.; Bourdon, Emmanuel; Bahorun, Theeshan	LIFE SCIENCES	2016	10.1016/j.lfs.2016.03.026	13	2.17	0	2	2	4	2	3
29	Analytical study of time-fractional order Klein-Gordon equation	Tamsir, Mohammad; Srivastava, Vineet K.	ALEXANDRIA ENGINEERING JOURNAL	2016	10.1016/j.aej.2016.01.025	13	2.17	0	0	5	3	2	3
30	Pd/Fe3O4 supported on nitrogen-doped reduced graphene oxide for room-temperature isocyanide insertion reactions	Singh, Karandeep; Singh, Ajay K.; Singh, Devendra; Singh, Rakhi; Sharma, Siddharth	CATALYSIS SCIENCE & TECHNOLOGY	2016	10.1039/c5cy01973g	13	2.17	1	4	3	3	1	1
31	Synthesis and characterization of dendritic polypyrrole silver nanocomposite and its application as a new urea biosensor	Pandey, Avinash Kumar; Pandey, Prem Chandra; Agrawal, Namita Rani; Das, Ishwar	JOURNAL OF APPLIED POLYMER SCIENCE	2018	10.1002/app.45705	12	3	0	0	5	1	3	3
32	Curcuma longa Linn. extract and curcumin protect CYP 2E1 enzymatic activity against mercuric chloride-induced hepatotoxicity and oxidative stress: A protective approach	Joshi, Deepmala; Mittal, Deepak Kumar; Shukla, Sangeeta; Srivastava, Sunil Kumar; Dixit, Vaibhav A.	EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY	2017	10.1016/j.etp.2017.02.009	12	2.4	0	0	2	6	3	1
33	Genomics, proteomics and evolution of dengue virus	Dwivedi, Vivek Dhar; Tripathi, Indra Prasad; Tripathi, Ramesh Chandra; Bharadwaj, Shiv; Mishra, Sarad Kumar	BRIEFINGS IN FUNCTIONAL GENOMICS	2017	10.1093/bfpg/etw040	12	2.4	0	0	3	2	6	1
34	PVP Assisted Shape-Controlled Synthesis of Self-Assembled 1D ZnO and 3D CuO Nanostructures	Haque, Fozia Z.; Parra, Mohammad Ramzan; Siddiqui, Hafsa; Singh, Neha; Singh, Nitu; Pandey, Padmini; Mishra, K. M.	OPTICS AND SPECTROSCOPY	2016	10.1134/S0030400X16030085	12	2	0	2	6	1	3	0
35	Synthesis of water dispersible dendritic amino acid modified polythiophenes as highly effective adsorbent for removal of methylene blue	Mishra, Abhishek Kumar; Agrawal, Namita Rani; Das, Ishwar	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	2017	10.1016/j.jece.2017.09.017	11	2.2	0	1	1	4	4	1
36	Purification and characterization of polygalacturonase from Aspergillus fumigatus MTCC 2584 and elucidating its application in retting of Crotalaria juncea fiber	Anand, Gautam; Yadav, Sangeeta; Yadav, Dinesh	3 BIOTECH	2016	10.1007/s13205-016-0517-4	11	1.83	0	3	2	0	5	1
37	Extended modified cubic B-spline algorithm for nonlinear Fisher's reaction-diffusion equation	Shukla, H. S.; Tamsir, Mohammad	ALEXANDRIA ENGINEERING JOURNAL	2016	10.1016/j.aej.2016.06.031	11	1.83	0	1	4	2	2	2
38	Association of Polymorphism of Neuronal Nitric Oxide Synthase Gene with Risk to Parkinson's Disease	Gupta, Satya Prakash; Kamal, Ritul; Mishra, Sarad Kumar; Singh, Maneesh Kumar; Shukla, Rakesh; Singh, Mahendra Pratap	MOLECULAR NEUROBIOLOGY	2016	10.1007/s12035-015-9274-3	11	1.83	1	2	3	2	2	1
39	Discovery of Ganoderma lucidum triterpenoids as potential inhibitors against Dengue virus NS2B-NS3 protease	Bharadwaj, Shiv; Lee, Kyung Eun; Dwivedi, Vivek Dhar; Yadava, Umesh; Panwar, Aleksha; Lucas, Stuart. J.; Pandey, Amit; Kang, Sang Gu	SCIENTIFIC REPORTS	2019	10.1038/s41598-019-55723-5	10	3.33	0	0	0	0	8	2
40	alpha-L-rhamnosidase selective for rutin to isoquercitrin transformation from Penicillium griseoroseum MTCC-9224	Yadav, Sarita; Yadava, Sudha; Yadav, Kapil D. S.	BIOORGANIC CHEMISTRY	2017	10.1016/j.bioorg.2017.01.002	10	2	0	2	3	3	2	0
41	Fabrication and characterization of CdS doped ZnO nano thick films	Vishwakarma, Ankit Kumar; Yadava, Lallan	VACUUM	2018	10.1016/j.vacuum.2018.06.013	9	2.25	0	0	0	1	5	3
42	A study on enhancing the quantum yield and antimicrobial activity of Pr(III) by varying the coordination environment	Ameen, Iffat; Tripathi, Abhishek Kumar; Mishra, Raj Laxmi; Siddiqui, Afshan; Tripathi, Umesh Nath	RSC ADVANCES	2018	10.1039/c7ra13035j	9	2.25	0	0	2	1	3	3
43	Efficient synthesis of novel N-substituted 2-carboxy-4-quinolones via lithium bis(trimethylsilyl) amide (LiHMDS)-induced in situ cyclocondensation reaction	Hasan, Phool; Aneja, Babita; Masood, Mir M.; Ahmad, Md. Belal; Yadava, Umesh; Daniluc, Constantin G.; Abid, Mohammad	RSC ADVANCES	2017	10.1039/c6ra28631c	9	1.8	0	1	2	4	2	0
44	Revisiting the approximate analytical solution of fractional-order gas dynamics equation	Tamsir, Mohammad; Srivastava, Vineet K.	ALEXANDRIA ENGINEERING JOURNAL	2016	10.1016/j.aej.2016.02.009	9	1.5	0	0	4	3	0	2
45	Computational aided mechanistic understanding of Camellia sinensis bioactive compounds against co-chaperone p23 as potential anticancer agent	Bharadwaj, Shiv; Lee, Kyang Eun; Dwivedi, Vivek Dhar; Yadava, Umesh; Kang, Sang Gu	JOURNAL OF CELLULAR BIOCHEMISTRY	2019	10.1002/jcb.29229	8	2.67	0	0	0	0	7	1

46	Investigating the effect of material microstructure and irradiation temperature on the radiation tolerance of yttria stabilized zirconia against high energy heavy ions	Kalita, Parswajit; Ghosh, Santanu; Singh, Udai B.; Kulriya, Pawan K.; Grover, Vinita; Shukla, Rakesh; Tyagi, A. K.; Sattonnay, Gael; Avasthi, Devesh K.	JOURNAL OF APPLIED PHYSICS	2019	10.1063/1.5080934	8	2.67	0	0	0	2	2	4
47	Manipulation of thermo-mechanical, morphological and electrical properties of PP/PET polymer blend using MWCNT as nano compatibilizer: A comprehensive study of hybrid nanocomposites	Mishra, Raghvendra Kumar; Mishra, Priyanka; Verma, Kartikey; Joseph, Kuruvilla	VACUUM	2018	10.1016/j.vacuum.2018.08.061	8	2	0	0	0	3	3	2
48	X-Ray Flux and Spectral Variability of Six TeV Blazars with NuSTAR	Pandey, Ashwani; Gupta, Alok C.; Wiita, Paul J.	ASTROPHYSICAL JOURNAL	2018	10.3847/1538-4357/aab5b	8	2	0	0	1	2	4	1
49	Electronic structure, vibrational assignments and simulation studies with A/T rich DNA duplex of an aromatic bis-amidine derivative	Yadava, Umesh; Yadav, Sanjai Kumar; Yadav, Ramesh Kumar	DNA REPAIR	2017	10.1016/j.dnarep.2017.10.005	8	1.6	0	0	1	2	4	1
50	Electronic structure, FT-IR analysis and nematic behaviour studies of para-methoxybenzylidene p-ethylaniline: Ab-initio and DFT approach	Tiwari, Sugriva Nath; Sharma, Dipendra	JOURNAL OF MOLECULAR LIQUIDS	2017	10.1016/j.molliq.2017.08.098	8	1.6	0	0	0	4	4	0
51	Calcitonin-typical suppression of osteoclastic activity by amphioxus calcitonin superfamily peptides and insights into the evolutionary conservation and diversity of their structures	Sekiguchi, Toshio; Shiraishi, Akira; Satake, Honoo; Kuwasako, Kenji; Takahashi, Hiroki; Sato, Masayuki; Urata, Makoto; Wada, Shuichi; Endo, Masato; Ikari, Takahiro; Hattori, Atsuhiko; Srivastav, Ajai K.; Suzuki, Nobuo	GENERAL AND COMPARATIVE ENDOCRINOLOGY	2017	10.1016/j.ygcen.2017.01.004	8	1.6	0	1	3	3	1	0
52	Targeting domain-III hinging of dengue envelope (DENV-2) protein by MD simulations, docking and free energy calculations	Dubey, Kshatresh Dutta; Tiwari, Gargi; Ojha, Rajendra Prasad	JOURNAL OF MOLECULAR MODELING	2017	10.1007/s00894-017-3259-2	8	1.6	0	0	5	1	1	1
53	On a Class of alpha-Para Kenmotsu Manifolds	Srivastava, K.; Srivastava, S. K.	MEDITERRANEAN JOURNAL OF MATHEMATICS	2016	10.1007/s00009-014-0496-9	8	1.33	1	4	0	0	3	0
54	Genome-wide characterization of Nuclear Factor Y (NF-Y) gene family of sorghum [Sorghum bicolor (L.) Moench]: a bioinformatics approach	Malviya, Neha; Jaiswal, Parul; Yadav, Dinesh	PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS	2016	10.1007/s12298-016-0349-z	8	1.33	0	1	1	3	3	0
55	SARS-CoV-2 M-pro inhibitors: identification of anti-SARS-CoV-2 M-pro compounds from FDA approved drugs	Bharadwaj, Shiv; Azhar, Esam Ibraheem; Kamal, Mohammad Amjad; Bajrai, Leena Hussein; Dubey, Amit; Jha, Kanupriya; Yadava, Umesh; Kang, Sang Gu; Dwivedi, Vivek Dhar	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2020	10.1080/07391102.2020.1842807	7	3.5	0	0	0	0	0	7
56	Peculiar Prompt Emission and Afterglow in the HESS-detected GRB 190829A	Chand, Vikas; Banerjee, Ankush; Gupta, Rahul; Dimple, Pal, Partha Sarathi; Joshi, Jagdish C.; Zhang, Bin-Bin; Basak, R.; Tam, P. H. T.; Sharma, Vidushi; Pandey, S. B.; Kumar, Amit; Yang, Yi-Si	ASTROPHYSICAL JOURNAL	2020	10.3847/1538-4357/ab9606	7	3.5	0	0	0	0	1	6
57	Structure-based screening and validation of bioactive compounds as Zika virus methyltransferase (MTase) inhibitors through first-principle density functional theory, classical molecular simulation and QM/MM affinity estimation	Bharadwaj, Shiv; Rao, Akhilesh Kumar; Dwivedi, Vivek Dhar; Mishra, Sarad Kumar; Yadava, Umesh	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2021	10.1080/07391102.2020.1747545	7	3.5	0	0	0	0	5	2
58	Anti-dengue infectivity evaluation of bioflavonoid from Azadirachta indica by dengue virus serine protease inhibition	Dwivedi, Vivek Dhar; Bharadwaj, Shiv; Afroz, Sumbul; Khan, Nooruddin; Ansari, Mairaj Ahmed; Yadava, Umesh; Tripathi, Ramesh Chandra; Tripathi, Indra Prasad; Mishra, Sarad Kumar; Kang, Sang Gu	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2021	10.1080/07391102.2020.1734485	7	3.5	0	0	0	0	4	3
59	Evolution of Anisotropy, First Order Hyperpolarizability and Electronic Parameters in p-Alkyl-p'-Cynobiphenyl Series of Liquid Crystals: Odd-Even Effect Revisited	Kumar, Abhishek; Srivastava, Ambrish Kumar; Tiwari, Sugriva Nath; Misra, Neeraj; Sharma, Dipendra	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2019	10.1080/15421406.2019.1641987	7	2.33	0	0	0	1	4	2
60	Phase change studies in Se85In15-xZnx chalcogenide thin films	Srivastava, Archana; Tiwari, S. N.; Alvi, M. A.; Khan, Shamshad A.	JOURNAL OF APPLIED PHYSICS	2018	10.1063/1.5018777	7	1.75	0	0	0	3	2	2

61	Novel anti-tubulin agents from plant and marine origins: insight from a molecular modeling and dynamics study	Yadava, Umesh; Yadav, Vivek Kumar; Yadav, Ramesh Kumar	RSC ADVANCES	2017	10.1039/c7ra00370f	7	1.4	0	1	2	1	1	2
62	Analysis of different nutrient status of liquid bio-fertilizer of different combinations of buffalo dung with gram bran and water hyacinth through vermicomposting by Eisenia fetida	Nath, Shesh; Singh, Keshav	ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	2016	10.1007/s10668-015-9666-6	7	1.17	0	4	0	0	2	1
63	Synthesis, structural characterization and biological studies of neodymium(III) and samarium(III) complexes with mercaptotriazole Schiff bases	Ain, Qurratul; Pandey, Sarvesh Kumar; Pandey, Om Prakash; Sengupta, Soumitra Kumar	APPLIED ORGANOMETALLIC CHEMISTRY	2016	10.1002/aoc.3405	7	1.17	0	0	0	1	4	2
64	Purification and characterization of a thermally stable yellow laccase from <i>Daedalea flavida</i> MTCC-145 with higher catalytic performance towards selective synthesis of substituted benzaldehydes	Sharma, M.; Chaurasia, P. K.; Yadav, A.; Yadav, R. S. S.; Yadava, S.; Yadav, K. D. S.	RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY	2016	10.1134/S1068162016010143	7	1.17	1	1	2	2	0	1
65	Density functional theory and molecular dynamics simulation support <i>Ganoderma lucidum</i> triterpenoids as broad range antagonist of matrix metalloproteinases	Bharadwaj, Shiv; Lee, Kyung Eun; Dwivedi, Vivek Dhar; Yadava, Umesh; Nees, Matthias; Kang, Sang Gu	JOURNAL OF MOLECULAR LIQUIDS	2020	10.1016/j.molliq.2020.113322	6	3	0	0	0	0	4	2
66	SN 2010kd: Photometric and Spectroscopic Analysis of a Slow decaying Superluminous Supernova	Kumar, Amit; Pandey, Shashi Bhusan; Konyves-Toth, Reka; Staten, Ryan; Vinko, Jozsef; Wheeler, J. Craig; Zheng, Weikang; Filippenko, Alexei, V; Kehoe, Robert; Quimby, Robert; Fang, Yuan; Akerlof, Carl; Mckay, Tim A.; Chatzopoulos, Emmanouil; Thomas, Benjamin P.; Dhungana, Govinda; Aryan, Amar; Dastidar, Raya; Gangopadhyay, Anjasha; Gupta, Rahul; Misra, Kuntal; Kumar, Brajesh; Brahme, Nameeta; Buckley, David	ASTROPHYSICAL JOURNAL	2020	10.3847/1538-4357/ab737b	6	3	0	0	0	0	2	4
67	Novel Mn(III) Porphyrins and Prospects of Their Application in Catalysis	Bharati, S. L.; Sarma, C.; Hazarika, P. J.; Chaurasia, K.; Anand, N.; Yadava, S.	RUSSIAN JOURNAL OF INORGANIC CHEMISTRY	2019	10.1134/S0036023619030045	6	2	0	0	0	2	3	1
68	Optical Flux and Spectral Variability of the TeV Blazar PG 1553+113	Pandey, Ashwani; Gupta, Alok C.; Wiita, Paul J.; Tiwari, S. N.	ASTROPHYSICAL JOURNAL	2019	10.3847/1538-4357/aaf974	6	2	0	0	0	1	4	1
69	X-ray intraday variability of the TeV blazar Mrk 421 with Chandra	Aggrawal, Vishi; Pandey, Ashwani; Gupta, Alok C.; Zhang, Zhongli; Wiita, Paul J.; Yadav, K. K.; Tiwari, S. N.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018	10.1093/mnras/sty2173	6	1.5	0	0	0	1	4	1
70	Understanding the Atmospheric Oxidation of HFE-7500 (C3F7CF(OC2H5)CF(CF3)(2)) Initiated by Cl Atom and NO3 Radical from Theory	Rao, Pradeep Kumar; Deka, Ramesh Ch.; Gour, Nand Kishor; Gejji, Shridhar P.	JOURNAL OF PHYSICAL CHEMISTRY A	2018	10.1021/acs.jpca.8b04225	6	1.5	0	0	0	1	5	0
71	Expansion-free self-gravitating dust dissipative fluids	Kumar, Rajesh; Srivastava, Sudhir Kumar	GENERAL RELATIVITY AND GRAVITATION	2018	10.1007/s10714-018-2416-y	6	1.5	0	0	0	2	3	1
72	Use of <i>Tanacetum tomentosum</i> and <i>Ta. dolichophyllum</i> essential oils as botanical repellents and insecticidal agents against storage pest <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae)	Haider, S. Zafar; Mohan, Manindra; Pandey, Abhay K.; Singh, Pooja	ENTOMOLOGICAL RESEARCH	2017	10.1111/1748-5967.12228	6	1.2	0	0	1	0	3	2
73	GMRT HI study of giant low surface brightness galaxies	Mishra, A.; Kantharia, N. G.; Das, M.; Omar, A.; Srivastava, D. C.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017	10.1093/mnras/stw2506	6	1.2	0	0	2	2	1	1
74	Inhibition of acetylcholinesterase and cytochrome oxidase activity in <i>Fasciola gigantica</i> cercaria by phytoconstituents	Sunita, Kumari; Habib, Maria; Kumar, P.; Singh, Vinay Kumar; Husain, Syed Akhtar; Singh, D. K.	ACTA TROPICA	2016	10.1016/j.actatropica.2015.10.021	6	1	0	2	1	0	2	1
75	Secondary Metabolites From Halotolerant Plant Growth Promoting Rhizobacteria for Ameliorating Salinity Stress in Plants	Sunita, Kumari; Mishra, Isha; Mishra, Jitendra; Prakash, Jai; Arora, Naveen Kumar	FRONTIERS IN MICROBIOLOGY	2020	10.3389/fmicb.2020.567768	5	2.5	0	0	0	0	0	5

76	Self-cleansing properties of Ganga during mass ritualistic bathing on Maha-Kumbh	Dwivedi, Sanjay; Chauhan, Puneet Singh; Mishra, Seema; Kumar, Amit; Singh, Pradyumna Kumar; Kamthan, Mohan; Chauhan, Reshu; Awasthi, Surabhi; Yadav, Sumit; Mishra, Aradhana; Mallick, Shekhar; Ojha, Sanjeev Kumar; Tewari, Sri Krishna; Tripathi, Rudra Deo; Nautiyal, Chandra Shekhar	ENVIRONMENTAL MONITORING AND ASSESSMENT	2020	10.1007/s10661-020-8152-2	5	2.5	0	0	0	0	3	2
77	Luminescence properties of BaMgAl10O17 : Mn2+ nanophosphors	Kumar, Manvendra; Rajput, Parasmani; Singh, Prashant K.; Yadav, A. C.; Pradhan, S. L.; Baranwal, Vikas; Singh, Udai B.; Jha, S. N.; Singh, Fouran	JOURNAL OF ALLOYS AND COMPOUNDS	2019	10.1016/j.jallcom.2019.05.332	5	1.67	0	0	0	0	3	2
78	XANES analysis and structural properties of CdS-doped TiO2	Vishwakarma, Ankit Kumar; Majid, Sofi Suhail; Yadava, Lalal	VACUUM	2019	10.1016/j.vacuum.2019.04.040	5	1.67	0	0	0	0	2	3
79	Ab initio investigations on non-metallic chain-shaped FmHn+1 series of superalkali cations	Srivastava, Ambrish Kumar	CHEMICAL PHYSICS LETTERS	2019	10.1016/j.cplett.2019.02.021	5	1.67	0	0	0	1	3	1
80	Self-similar solution for cylindrical shock waves in a weakly conducting dusty gas	Vishwakarma, J. P.; Nath, G.; Srivastava, Rajendra Kumar	AIN SHAMS ENGINEERING JOURNAL	2018	10.1016/j.asej.2018.09.013	5	1.25	0	0	1	1	2	1
81	Synthesis, Characterization, and Application of a Thiophene-Pyrrole Copolymer As an Efficient Adsorbent for Removal of Methylene Blue	Mishra, Abhishek Kumar; Shahi, Vinod K.; Agrawal, Namita Rani; Das, Ishwar	JOURNAL OF CHEMICAL AND ENGINEERING DATA	2018	10.1021/acs.jced.7b00973	5	1.25	0	0	0	3	0	2
82	Evolution of expansion-free spherically symmetric self-gravitating non-dissipative fluids and some analytical solutions	Kumar, Rajesh; Srivastava, Sudhir Kumar	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2018	10.1142/S0219887818500585	5	1.25	0	0	1	1	2	1
83	Influence of foliar application of manganese on growth, pigment content, and nitrate reductase activity of Vigna radiata (L.) R. Wilczek under salinity	Shahi, Swati; Srivastava, Malvika	JOURNAL OF PLANT NUTRITION	2018	10.1080/01904167.2018.1454470	5	1.25	0	0	0	2	1	2
84	A numerical algorithm for computation modelling of 3D nonlinear wave equations based on exponential modified cubic B-spline differential quadrature method	Shukla, H. S.; Tamsir, Mohammad; Jiwari, Ram; Srivastava, Vineet K.	INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS	2018	10.1080/00207160.2017.1296573	5	1.25	0	0	1	1	1	2
85	Application of superhalogens in the design of organic superconductors	Srivastava, Ambrish K.; Kumar, Abhishek; Tiwari, Sugriva N.; Misra, Neeraj	NEW JOURNAL OF CHEMISTRY	2017	10.1039/c7nj02868g	5	1	0	0	1	1	1	2
86	Electronic structure and vibrational spectra of 1OCB liquid crystal: a DFT study	Sharma, Dipendra; Tiwari, Sugriva Nath	EMERGING MATERIALS RESEARCH	2017	10.1680/jemmr.15.00052	5	1	0	1	0	1	1	2
87	Genome-wide bioinformatics analysis of Dof transcription factor gene family of chickpea and its comparative phylogenetic assessment with Arabidopsis and rice	Nasim, Jeya; Malviya, Neha; Kumar, Rajendra; Yadav, Dinesh	PLANT SYSTEMATICS AND EVOLUTION	2016	10.1007/s00606-016-1314-6	5	0.83	0	1	1	0	1	2
88	Molecular dynamics simulation of hydrated d(CGGGTACCCG)(4) as a four-way DNA Holliday junction and comparison with the crystallographic structure	Yadav, Ramesh Kumar; Yadava, Umesh	MOLECULAR SIMULATION	2016	10.1080/08927022.2015.1007052	5	0.83	0	3	1	0	1	0
89	Effect of host density on life table statistics of Bracon hebetor Say, 1836 (Hymenoptera: Braconidae)	Singh, Deepak; Singh, Raghvendra P.; Tripathi, C. P. M.	TROPICAL ZOOLOGY	2016	10.1080/03946975.2016.1145399	5	0.83	0	1	0	1	1	2
90	Computational and In Vitro Investigation of (-)-Epicatechin and Proanthocyanidin B2 as Inhibitors of Human Matrix Metalloproteinase 1	Lee, Kyung Eun; Bharadwaj, Shiv; Yadava, Umesh; Kang, Sang Gu	BIOMOLECULES	2020	10.3390/biom10101379	4	2	0	0	0	0	1	3
91	Effect of Co and Mn doping on the morphological, optical and magnetic properties of CuO nanostructures	Singh, Beer Pal; Chaudhary, Manika; Kumar, Ashwani; Singh, Amit Kumar; Gautam, Yogendra K.; Rani, Stuti; Walia, Rajan	SOLID STATE SCIENCES	2020	10.1016/j.solidstate.sciences.2020.106296	4	2	0	0	0	0	0	4
92	Orthosilicic acid (OSA) reduced grain arsenic accumulation and enhanced yield by modulating the level of trace element, antioxidants, and thiols in rice	Dwivedi, Sanjay; Kumar, Amit; Mishra, Seema; Sharma, Pragya; Sinam, Geetgovind; Bahadur, Lal; Goyal, Vinod; Jain, Neeru; Tripathi, Rudra Deo	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2020	10.1007/s11356-020-08663-x	4	2	0	0	0	0	1	3

93	In-silico investigation of optical, thermal and electronic properties for 4-n-alkoxy benzoic acid series (nOBA; n=1-8)	Sharma, Dipendra; Srivastava, Ambrish Kumar; Tiwari, Sugriva Nath	JOURNAL OF MOLECULAR LIQUIDS	2019	10.1016/j.molliq.2019.111672	4	1.33	0	0	0	0	2	2
94	Zolmitriptan attenuates hepatocellular carcinoma via activation of caspase mediated apoptosis	Maurya, Vimal; Kumar, Pranesh; Chakraborti, Sreemoyee; Singh, Ashok K.; Bhadauria, Archana S.; Kumar, Umesh; Kumar, Dinesh; Pramanik, Arnab; Saha, Biswajit; Kumar, Venkatesh R.; Gosipatala, Sunil Babu; Bhattachariya, Bolay; Maity, Biswanath; Saha, Sudipta	CHEMICO-BIOLOGICAL INTERACTIONS	2019	10.1016/j.cbi.2019.05.033	4	1.33	0	0	0	0	2	2
95	An ensemble of Zn <sup>2+</sup> with a rhodamine B-3-allylsalicylaldehyde hydrazone as novel photosensitive material: Photochromism, photopatterning, photoprinting and molecular logic gates	Rai, Abhishek; Singh, Alok Kumar; Sonkar, Avinash Kumar; Tripathi, Kamini; Mishra, Lallan	SPECTROCHIMICA ACTA PART A- MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2019	10.1016/j.saa.2019.03.003	4	1.33	0	0	0	1	1	2
96	Curvature properties of anisotropic scale invariant metrics	Shaikh, Absos Ali; Srivastava, Sudhir Kumar; Chakraborty, Dhyanesh	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2019	10.1142/S0219887819500865	4	1.33	0	0	0	0	2	2
97	Investigations on bisamidine derivatives as novel minor groove binders with the dodecamer 5' (CGCGAATTCGCG)3'	Yadava, Umesh; Yadav, Sanjai Kumar; Yadav, Ramesh Kumar	JOURNAL OF MOLECULAR LIQUIDS	2019	10.1016/j.molliq.2019.01.164	4	1.33	0	0	0	0	4	0
98	Molecular mechanism of the suppression of larval skeleton by polycyclic aromatic hydrocarbons in early development of sea urchin <i>Hemicentrotus pulcherrimus</i>	Sekiguchi, Toshio; Yachiguchi, Koji; Kiyomoto, Masato; Ogiso, Shouzo; Wada, Shuichi; Tabuchi, Yoshiaki; Hong, Chun-Sang; Srivastav, Ajai K.; Archer, Stephen D. J.; Pointing, Stephen B.; Hayakawa, Kazuichi; Suzuki, Nobuo	FISHERIES SCIENCE	2018	10.1007/s12562-018-1245-y	4	1	0	0	0	0	2	2
99	alpha-Melanocyte-stimulating hormone promotes bone resorption resulting from increased osteoblastic and osteoclastic activities in goldfish	Ishizu, Hidenori; Sekiguchi, Toshio; Ikari, Takahiro; Kitamura, Kei-ichiro; Kitani, Yoichiro; Endo, Masato; Urata, Makoto; Kinoshita, Yasuko; Hattori, Atsuhiko; Srivastav, Ajai K.; Mishima, Hiroyuki; Mizusawa, Kanta; Takahashi, Akiyoshi; Suzuki, Nobuo	GENERAL AND COMPARATIVE ENDOCRINOLOGY	2018	10.1016/j.ygcen.2018.03.020	4	1	0	0	1	2	1	0
100	Alkalized borazine: A simple recipe to design closed-shell superalkalis	Srivastava, Ambrish Kumar; Tiwari, Sugriva Nath; Misra, Neeraj	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2018	10.1002/qua.25507	4	1	0	0	1	1	1	1
101	First report of <i>Fusarium solani</i> causing wilt of <i>Melia dubia</i>	Pandey, A.; Juwantha, R.; Chandra, S.; Kumar, A.; Kannoja, P.; Khanna, D.; Arora, S.; Dwivedi, V. D.; Pandey, S.	FOREST PATHOLOGY	2018	10.1111/efp.12398	4	1	0	0	1	3	0	0
102	First-order phase transformation and structural studies in Se <sub>85</sub> In <sub>15</sub> -xZnx chalcogenide glasses	Srivastava, Archana; Tiwari, S. N.; Upadhyay, A. N.; Zulfueqar, M.; Khan, Shamshad A.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2017	10.1007/s10973-017-6273-9	4	0.8	0	0	3	0	0	1
103	Controlling the morphology of layered double hydroxides of Mn and Co and their exceptional catalytic activities	Chawla, Mohit; Dubey, Reena; Singh, Gurdip; Sengupta, Soumitra K.; Siril, Prem Felix	THERMOCHIMICA ACTA	2017	10.1016/j.tca.2017.05.017	4	0.8	0	0	1	2	0	1
104	Sodium fluoride induces hypercalcemia resulting from the upregulation of both osteoblastic and osteoclastic activities in goldfish, <i>Carassius auratus</i>	Sato, Masayuki; Hanmoto, Taizo; Yachiguchi, Koji; Tabuchi, Yoshiaki; Kondo, Takashi; Endo, Masato; Kitani, Yoichiro; Sekiguchi, Toshio; Urata, Makoto; Tran Ngoc Hai; Srivastav, Ajai K.; Mishima, Hiroyuki; Hattori, Atsuhiko; Suzuki, Nobuo	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY	2016	10.1016/j.cbpc.2016.07.006	4	0.67	0	1	1	0	1	1

105	Electrochemical synthesis of dendritic nanosized conductive polythiophene cobalt composite as charge storage device	Mishra, Abhishek Kumar; Sharma, Archana; Das, Ishwar; Agrawal, Namita Rani	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2016		4	0.67	0	1	2	1	0	0
106	Nutritional and antioxidant properties of wild edible macrofungi from North-Eastern Uttar Pradesh, India	Vishwakarma, Pratima; Singh, Pooja; Tripathi, N. N.	INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE	2016		4	0.67	1	1	0	1	1	0
107	Changes in reproductive phenology and sex ratio of <i>Trewia nudiflora</i> Linn. growing in sal forest of north-eastern Uttar Pradesh, India	Chaurasia, Balmukund; Shukla, R. P.	TROPICAL ECOLOGY	2016		4	0.67	0	2	2	0	0	0
108	Exploration of natural compounds with anti-SARS-CoV-2 activity via inhibition of SARS-CoV-2 M-pro	Bharadwaj, Shiv; Dubey, Amit; Yadava, Umesh; Mishra, Sarad Kumar; Kang, Sang Gu; Dwivedi, Vivek Dhar	BRIEFINGS IN BIOINFORMATICS	2021	10.1093/bib/bbaa382	3	3	0	0	0	0	0	3
109	10.4 m GTC observations of the nearby VHE-detected GRB 190829A/SN 2019oyw	Hu, Y-D; Castro-Tirado, A. J.; Kumar, A.; Gupta, R.; Valeev, A. F.; Pandey, S. B.; Kann, D. A.; Castellon, A.; Agudo, I; Aryan, A.; Caballero-Garcia, M. D.; Guziy, S.; Martin-Carrillo, A.; Oates, S. R.; Pian, E.; Sanchez-Ramirez, R.; Sokolov, V. V.; Zhang, B-B	ASTRONOMY & ASTROPHYSICS	2021	10.1051/0004-6361/202039349	3	3	0	0	0	0	0	3
110	Computational studies on nitro derivatives of BN indole as high energetic material	Gupta, Satyendra; Singh, H. J.	JOURNAL OF MOLECULAR MODELING	2020	10.1007/s00894-020-4337-4	3	1.5	0	0	0	0	0	3
111	Mechanistic exploration of the activities of poly(lactic-co-glycolic acid)-loaded nanoparticles of betulinic acid against hepatocellular carcinoma at cellular and molecular levels	Kumar, Pranesh; Gautam, Anurag Kumar; Kumar, Umesh; Bhadauria, Archana S.; Singh, Ashok K.; Kumar, Dinesh; Mahata, Tarun; Maity, Biswanath; Bera, Hriday; Saha, Sudipta	ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY	2020	10.1080/13813455.2020.1733024	3	1.5	0	0	0	0	0	3
112	Effect of alkoxy chain density on the mesogenic properties of aroylhydrazone based liquid crystals: synthesis, characterisation, photophysical and gelation behaviour	Kanth, Priyanka; Singh, Hemant Kumar; Kumar, Vijay; Singh, Sachin Kumar; Rao, D. S. Shankar; Prasad, S. Krishna; Singh, Bachcha	LIQUID CRYSTALS	2020	10.1080/02678292.2020.1725164	3	1.5	0	0	0	0	0	3
113	Temperature dependent kinetic study of the gas phase reaction of ozone with 1-penten-3-ol, cis-2-penten-1-ol and trans-3-hexen-1-ol: Experimental and theoretical data	Kalalian, C.; El Dib, G.; Singh, H. J.; Rao, P. K.; Roth, E.; Chakir, A.	ATMOSPHERIC ENVIRONMENT	2020	10.1016/j.atmosenv.2020.117306	3	1.5	0	0	0	0	3	0
114	Computational investigations and molecular dynamics simulations envisioned for potent antioxidant and anticancer drugs using indole-chalcone-triazole hybrids	Yadav, Sanjai Kumar; Yadav, Ramesh Kumar; Yadava, Umesh	DNA REPAIR	2020	10.1016/j.dnarep.2019.102765	3	1.5	0	0	0	0	1	2
115	CO <sub>2</sub> -activation and enhanced capture by C6Li6: A density functional approach	Srivastava, Ambrish Kumar	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2019	10.1002/qua.25904	3	1	0	0	0	0	2	1
116	BH <sub>x</sub> <sup>+</sup> (x=1-6) clusters: In the quest for superalkali cation with B-core and H-ligands	Srivastava, Ambrish Kumar	CHEMICAL PHYSICS	2019	10.1016/j.chemphys.2019.05.013	3	1	0	0	0	0	3	0
117	Electrochemical characterization of NaClO <sub>4</sub> -mixed rice starch as a cost-effective and environment-friendly electrolyte	Yadav, Madhavi; Nautiyal, Gayatri; Verma, Akanksha; Kumar, Manindra; Tiwari, Tuhina; Srivastava, Neelam	IONICS	2019	10.1007/s11581-018-2794-x	3	1	0	0	0	1	2	0
118	Investigation of DNA binding and molecular docking propensity of phthalimide derivatives: in vitro antibacterial and antioxidant assay	Arif, Rizwan; Nayab, Pattan Sirajuddin; Akrema; Abid, Mohammad; Yadava, Umesh; Rahisuddin	JOURNAL OF ANALYTICAL SCIENCE AND TECHNOLOGY	2019	10.1186/s40543-019-0177-1	3	1	0	0	0	0	1	2
119	Radial junction silicon solar cells with micro-pillar array and planar electrode interface for improved photon management and carrier extraction	Singh, Vineet Kumar; Nagaraju, Jampana; Avasthi, Sushobhan	CURRENT APPLIED PHYSICS	2019	10.1016/j.cap.2018.12.016	3	1	0	0	0	1	1	1
120	Synthesis and mechanistic studies of diketo acids and their bioisosteres as potential antibacterial agents	Hasan, Phool; Pillalamarri, Vijay K.; Aneja, Babita; Irfan, Mohammad; Azam, Mudsser; Perwez, Ahmad; Maguire, Ronan; Yadava, Umesh; Kavanagh, Kevin; Danilic, Constantin G.; Ahmad, Md Belal; Rizvi, M. Moshahid A.; Haq, Qazi Mohd Rizwanul; Addlagatta, Anthony; Abid, Mohammad	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2019	10.1016/j.ejmech.2018.11.053	3	1	0	0	0	1	2	0



121	Modifying potato starch by glutaraldehyde and MgCl <sub>2</sub> for developing an economical and environment-friendly electrolyte system	Komal, Baby; Yadav, Madhavi; Kumar, Manindra; Tiwari, Tuhina; Srivastava, Neelam	E-POLYMERS	2019	10.1515/epoly-2019-0047	3	1	0	0	0	0	3	0
122	Genome-Wide Assessment of Polygalacturonases-Like (PGL) Genes of <i>Medicago truncatula</i> , <i>Sorghum bicolor</i> , <i>Vitis vinifera</i> and <i>Oryza sativa</i> Using Comparative Genomics Approach	Anand, Gautam; Yadav, Sangeeta; Tanveer, Aiman; Nasim, Jeya; Singh, Nitish K.; Dubey, Amit K.; Yadav, Dinesh	INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES	2018	10.1007/s12539-017-0230-y	3	0.75	0	0	0	2	1	0
123	An exponential cubic B-spline algorithm for multi-dimensional convection-diffusion equations	Shukla, H. S.; Tamsir, Mohammad	ALEXANDRIA ENGINEERING JOURNAL	2018	10.1016/j.aej.2017.04.011	3	0.75	0	0	0	0	2	1
124	Densities and Viscosities of Binary Liquid Mixtures of 1,6-Dichlorohexane with Different Hydrocarbons at 308.15, 313.15 and 318.15 K	Yadav, Kanchan; Yadava, S. S.	JOURNAL OF SOLUTION CHEMISTRY	2018	10.1007/s10953-018-0786-0	3	0.75	0	0	0	0	1	2
125	Ribonucleotide reductase as a drug target against drug resistance <i>Mycobacterium leprae</i> : A molecular docking study	Mohanty, Partha Sarathi; Bansal, Avi Kumar; Naaz, Farah; Gupta, Umesh Datta; Dwivedi, Vivek Dhar; Yadava, Umesh	INFECTION GENETICS AND EVOLUTION	2018	10.1016/j.meegid.2018.02.013	3	0.75	0	0	0	2	1	0
126	C-60 as Electron Acceptor and Donor: A Comparative DFT Study of Li@C-60 and F@C-60	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Pandey, Anoop Kumar; Misra, Neeraj	AUSTRALIAN JOURNAL OF CHEMISTRY	2018	10.1071/CH18391	3	0.75	0	0	0	1	1	1
127	Synthesis, structural, solubility and anticancer activity studies of salts using nucleobases and sulfonic acids cofomer	Singh, Neetu; Singh, Udai P.; Nikhil, Kumar; Roy, Partha; Singh, Hariji	JOURNAL OF MOLECULAR STRUCTURE	2017	10.1016/j.molstruc.2017.06.053	3	0.6	0	0	0	3	0	0
128	Purification, characterization and retting of <i>Crotalaria juncea</i> fibres by an alkaline pectin lyase from <i>Fusarium oxysporum</i> MTCC 1755	Yadav, S.; Maurya, S. K.; Anand, G.; Dwivedi, R.; Yadav, D.	3 BIOTECH	2017	10.1007/s13205-017-0750-5	3	0.6	0	0	0	1	2	0
129	Shape effects and size distributions of astrophysical dust particles	Rai, Rakesh K.; Botet, Robert	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017	10.1093/mnras/stx128	3	0.6	0	0	1	0	1	1
130	Correlation of mesogenic properties with intermolecular interaction energy for homologous series of HnCBP	Srivastav, Rakesh Kumar; Roychoudhury, Mihir; Kumar, Jitendra; Kumar, Devesh	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2017	10.1080/15421406.2017.1357424	3	0.6	0	0	2	0	1	0
131	Theoretical studies on BTA-Metal (M=Ni, Cu) Complexes as High Energy Materials	Sharma, Pooja; Singh, Hari Ji; Sengupta, Soumitra K.	JOURNAL OF CHEMICAL SCIENCES	2016	10.1007/s12039-016-1185-y	3	0.5	0	1	1	0	0	1
132	Comparative assessment of methods for metagenomic DNA isolation from soils of different crop growing fields	Tanveer, Aiman; Yadav, Sangeeta; Yadav, Dinesh	3 BIOTECH	2016	10.1007/s13205-016-0543-2	3	0.5	0	0	1	1	1	0
133	Active Site Characterization of Proteases Sequences from Different Species of <i>Aspergillus</i>	Morya, V. K.; Yadav, Virendra K.; Yadav, Sangeeta; Yadav, Dinesh	CELL BIOCHEMISTRY AND BIOPHYSICS	2016	10.1007/s12013-016-0750-9	3	0.5	0	1	0	1	1	0
134	Broad-band linear polarization in late-type active dwarfs	Patel, Manoj K.; Pandey, Jeewan C.; Karmakar, Subhajeet; Srivastava, D. C.; Savanov, Igor S.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2016	10.1093/mnras/stw195	3	0.5	0	1	0	0	2	0
135	Determination of arsenic extraction by <i>Vetiveria zizanioides</i> (L.) Nash plant for phytoremediation application	Tiwari, Sarita; Sarangi, Bijaya Ketan; Seralanathan, Muhil Vannan; Sivanesan, Saravanadevi; Yadav, Dinesh; Thul, Sanjog T.	CHEMISTRY AND ECOLOGY	2016	10.1080/02757540.2015.1109080	3	0.5	0	1	0	1	0	1
136	Modulation of hepatocarcinogenesis in N-methyl-N-nitrosourea treated Balb/c mice by mushroom extracts	Ramsaha, Srishti; Neergheen-Bhujun, Vidushi S.; Verma, Shalini; Kumar, Ashok; Bharty, Rahul Kumar; Chaudhary, Amit Kumar; Sharma, Poornima; Singh, Ranjan Kumar; Beejan, Priya Huzar Futti; Kyung-Sun, Kang; Bahorun, Theeshan	FOOD & FUNCTION	2016	10.1039/c5fo00870k	3	0.5	1	0	0	1	0	1
137	Synthesis, anti-inflammatory and analgesic evaluation of thiazole/oxazole substituted benzothiazole derivatives	Kumar, Gajendra; Singh, N. P.	BIOORGANIC CHEMISTRY	2021	10.1016/j.bioorg.2020.104608	2	2	0	0	0	0	0	2
138	Bulk and interface defects analysis of n-CdS/p-Si heterojunction solar cell	Srivastava, Shalini; Singh, Shalini; Singh, Vineet Kumar	OPTICAL MATERIALS	2021	10.1016/j.optmat.2020.110687	2	2	0	0	0	0	0	2

139	Role of substituents present in bidentate ligand frame of Cu(I) catalysts on Sonogashira cross coupling reactions	Kumari, Sheela; Dhara, Ashish Kumar; Ratnam, Anand; Mawai, Kiran; Chaudhary, Virendra Kumar; Mohanty, Aurobinda; Ghosh, Kaushik	JOURNAL OF ORGANOMETALLIC CHEMISTRY	2020	10.1016/j.jorganchem.2020.121367	2	1	0	0	0	0	0	2	0
140	Structural and sensing properties of ethanol gas using Pd-doped SnO2 thick film gas sensor	Vishwakarma, Ankit Kumar; Yadava, Lallan	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2021	10.1007/s11356-020-10211-6	2	1	0	0	0	0	0	0	2
141	Identification, genetic diversity and recombination analysis of Watermelon Mosaic Virus isolates	Verma, Rakesh Kumar; Mishra, Megha; Marwal, Avinash; Gaur, R. K.	3 BIOTECH	2020	10.1007/s13205-020-02248-8	2	1	0	0	0	0	0	0	2
142	Influence of Benz[a]anthracene on Bone Metabolism and on Liver Metabolism in Nibbler Fish, Girella punctata	Zanaty, Mohamed I.; Sawada, Niina; Kitani, Yoichiro; Nassar, Hossam F.; Mahmoud, Hamada M.; Hayakawa, Kazuichi; Sekiguchi, Toshio; Ogiso, Shouzo; Tabuchi, Yoshiaki; Urata, Makoto; Matsubara, Hajime; Takeuchi, Yutaka; Hattori, Atsuhiko; Srivastav, Ajai K.; Amornsakun, Thumronk; Suzuki, Nobuo	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	2020	10.3390/ijerph17041391	2	1	0	0	0	0	0	2	0
143	Enormously high second-order nonlinear optical response of single alkali atom decorated hexalithiobenzene	Srivastava, Ambrish Kumar	JOURNAL OF MOLECULAR LIQUIDS	2020	10.1016/j.molliq.2019.112187	2	1	0	0	0	0	0	0	2
144	Nanonetwork of Coordination Polymer AHMT-Ag for the Effective and Broad Spectrum Detection of 6-Mercaptopurine in Urine and Blood Serum	Vinita; Tiwari, Madhu; Agnihotri, Neha; Singh, Monika; Singh, Akhilesh Kumar; Prakash, Rajiv	ACS OMEGA	2019	10.1021/acsomega.9b01122	2	0.67	0	0	0	0	0	0	2
145	Frontier Orbital and Conformational Analysis of a Nematic Liquid Crystal: 4-n-heptyloxy-4'-cyanobiphenyl	Tiwari, G.; Sharma, D.; Tiwari, S. N.; Singh, N. B.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2019		2	0.67	0	0	0	0	0	1	1
146	Synthesis of a Novel Manganese(III) Porphyrin and Its Catalytic Role in Selective Oxidation of Aromatic Alcohols	Anand, Niharika; Yadava, Sudha; Chaurasia, Pankaj Kumar; Bharati, Shashi Lata	RUSSIAN JOURNAL OF INORGANIC CHEMISTRY	2019	10.1134/S003602361909002X	2	0.67	0	0	0	0	0	1	1
147	Luminescent, optical, magnetic and metamaterial behavior of cerium complexes	Ameen, Iffat; Tripathi, Abhishek Kumar; Mishra, Raj Laxmi; Siddiqui, Afshan; Tripathi, Umesh Nath	JOURNAL OF SAUDI CHEMICAL SOCIETY	2019	10.1016/j.jscs.2018.12.003	2	0.67	0	0	0	0	0	2	0
148	Pressure-induced enhancement of thermoelectric power factor in pristine and hole-doped SnSe crystals	Su, Na; Qin, B. C.; Zhu, K. J.; Liu, Z. Y.; Shahi, P.; Sun, J. P.; Wang, B. S.; Sui, Y.; Shi, Y. G.; Zhao, L. D.; Cheng, J. -G.	RSC ADVANCES	2019	10.1039/c9ra05134a	2	0.67	0	0	0	0	0	1	1
149	Study of Arrowroot Starch-Based Polymer Electrolytes and Its Application in MFC	Tiwari, Tuhina; Kumar, Manindra; Yadav, Madhavi; Srivastava, Neelam	STARCH-STARKE	2019	10.1002/star.201800313	2	0.67	0	0	0	0	1	1	0
150	OxH2x+1+ clusters: A new series of non-metallic superalkali cations by trapping H3O+ into water	Srivastava, Ambrish Kumar	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2019	10.1016/j.jmgm.2019.02.010	2	0.67	0	0	0	0	1	1	0
151	Design of the NnH3n+1+ series of non-metallic superalkali cations	Srivastava, Ambrish Kumar	NEW JOURNAL OF CHEMISTRY	2019	10.1039/c8nj06126b	2	0.67	0	0	0	0	1	1	0
152	Quantum chemical and molecular docking studies on two potential hepatitis C virus inhibitors	Tiwaria, Gargi; Srivastava, Ambrish Kumar; Kumar, Ratnesh; Kumar, Abhishek	MAIN GROUP CHEMISTRY	2019	10.3233/MGC-180699	2	0.67	0	0	0	0	1	1	0
153	Biological Data Analysis Program (BDAP): a multitasking biological sequence analysis program	Dwivedi, Vivek Dhar; Tripathi, Indra Prasad; Kaushik, Aman Chandra; Bharadwaj, Shiv; Mishra, Sarad Kumar	NEURAL COMPUTING & APPLICATIONS	2018	10.1007/s00521-016-2772-z	2	0.5	0	0	0	1	0	1	0
154	Spiro-heterocycles containing 1,3,4-oxadiazole: A convenient synthesis of 3-(5-substituted phenyl-1,3,4-oxadiazole-2-yl)-5,8-dithiaspiro[3,4]-octan-2-ones and 1,4-dithia-6-azaspiro[4,4]-nonan-7-ones	Tiwari, Shailendra; Singh, Kamal Pratap; Pathak, Poonam; Ahmad, Akeel	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	2018		2	0.5	0	0	0	0	1	0	1

155	Studies on Se75Te25-xInx chalcogenide glasses; a material for phase change memory	Srivastava, Archana; Tiwari, S. N.; Alvi, M. A.; Khan, Shamshad A.	MATERIALS RESEARCH EXPRESS	2018	10.1088/2053-1591/aaa743	2	0.5	0	0	0	1	1	0
156	Prediction of drug-binding sites in HCV NS5B polymerase: MD simulation study	Tiwari, Gargi; Pandey, Vishnudatt; Ojha, Rajendra Prasad	EMERGING MATERIALS RESEARCH	2017	10.1680/jemmr.15.00057	2	0.4	0	1	1	0	0	0
157	Identification and characterization of two phytoplasma subgroups (16SrXI-D and 16SrXIV-A) associated with lychee (Litchi chinensis Sonn) in India	Rao, Govind P.; Tiwari, Ajay K.; Madhupriya; Dubey, Durgesh	JOURNAL OF PLANT DISEASES AND PROTECTION	2017	10.1007/s41348-017-0084-x	2	0.4	0	0	1	0	1	0
158	Purification and characterization of a highly alkaline pectin lyase from Fusarium lateritum MTCC 8794	Yadav, Sangeeta; Maurya, Sumeet Kumar; Anand, Gautam; Dwivedi, Ritika; Yadav, Dinesh	BIOLOGIA	2017	10.1515/biolog-2017-0038	2	0.4	0	0	0	1	0	1
159	In-vitro antioxidant activity and nutritional value of four wild oyster mushroom collected from North-Eastern Part of Uttar Pradesh	Vishwakarma, P.; Singh, P.; Tripathi, N. N.	MYCOSPHERE	2017	10.5943/mycosphere/8/4/8	2	0.4	0	1	0	1	0	0
160	In- silico Analysis of Manganese Peroxidases from Different Fungal Sources	Yadav, Meera; Yadav, Sangeeta; Yadav, Dinesh; Yadav, K. D. S.	CURRENT PROTEOMICS	2017	10.2174/1570164614666170203165022	2	0.4	0	0	0	0	1	1
161	Synthesis of some 3,5-disubstituted phenyl-5,6-dihydrofuro[2,3-d]thiazol-2(3H)-ylidene) imines as potential pesticides	Tiwari, Shailendra; Singh, Kamal Pratap; Ahmad, Akeel	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	2016		2	0.33	0	0	1	1	0	0
162	Structure of an ABC transporter solute-binding protein specific for the amino sugars glucosamine and galactosamine	Yadava, Umesh; Vetting, Matthew W.; Al Obaidi, Nawar; Carter, Michael S.; Gerft, John A.; Almo, Steven C.	ACTA CRYSTALLOGRAPHICA SECTION F-STRUCTURAL BIOLOGY COMMUNICATIONS	2016	10.1107/S2053230X16007500	2	0.33	0	1	0	1	0	0
163	Some novel organometallic Mn-III complexes with porphine and 1,6-diaminohexane	Bharati, Shashi Lata; Chaurasia, Pankaj Kumar; Yadava, Sudha	RUSSIAN JOURNAL OF INORGANIC CHEMISTRY	2016	10.1134/S0036023616020212	2	0.33	0	0	0	2	0	0
164	A neglected reality of mass media during COVID-19: Effect of pandemic news on individual's positive and negative emotion and psychological resilience	Giri, Shakshi Priya; Maurya, Abhishek Kumar	PERSONALITY AND INDIVIDUAL DIFFERENCES	2021	10.1016/j.paid.2021.110962	1	1	0	0	0	0	0	1
165	Essential oils from the genus Thymus as antimicrobial food preservatives: Progress in their use as nanoemulsions-a new paradigm	Pandey, Abhay K.; Chavez-Gonzalez, Monica L.; Silva, Ana Sanches; Singh, Pooja	TRENDS IN FOOD SCIENCE & TECHNOLOGY	2021	10.1016/j.tifs.2021.02.076	1	1	0	0	0	0	0	1
166	TESS Observations of TX Col: Rapidly Varying Accretion Flow	Rawat, Nikita; Pandey, J. C.; Joshi, Arti	ASTROPHYSICAL JOURNAL	2021	10.3847/1538-4357/abedae	1	1	0	0	0	0	0	1
167	Plant-microbiome interactions for sustainable agriculture: a review	Gupta, Rupali; Anand, Gautam; Gaur, Rajeeva; Yadav, Dinesh	PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS	2021	10.1007/s12298-021-00927-1	1	1	0	0	0	0	0	1
168	Magnetization and thickness dependent microwave attenuation behaviour of Ferrite-PANI composites and embedded composite-fabrics prepared by in situ polymerization	Kumar, Sumit; Verma, Vivek; Walla, Rajan	AIP ADVANCES	2021	10.1063/9.0000022	1	1	0	0	0	0	0	1
169	Cu(I) based catalysts derived from bidentate ligands and studies on the effect of substituents for N-arylation of benzimidazoles and indoles	Kumari, Sheela; Ratnam, Anand; Mawai, Kiran; Chaudhary, Virendra Kumar; Mohanty, Aurobinda; Ghosh, Kaushik	NEW JOURNAL OF CHEMISTRY	2020	10.1039/d0nj02568b	1	0.5	0	0	0	0	1	0
170	Vat Dye Safranin O- and Perylene-Based Conjugated Donor-Acceptor Polyimide as Sensitizer for Dye-Sensitized Solar Cells	Sonker, Ekta; Tiwari, Rudramani; Singh, Shalini; Kumar, Krishna; Srivastava, Pankaj; Krishnamoorthi, S.	ENERGY & FUELS	2020	10.1021/acs.energyfuels.0c02299	1	0.5	0	0	0	0	0	1
171	Biochemical performance and protein profile of sensitive and tolerant varieties of chickpea under salinity	Kumar, Rajnish; Shahi, Swati; Srivastava, Malvika	LEGUME RESEARCH	2020	10.18805/LR-4045	1	0.5	0	0	0	0	1	0

172	Oral administration of melatonin contained in drinking water increased bone strength in naturally aged mice	Igarashi-Migitaka, Junko; Seki, Azusa; Ikegame, Mika; Honda, Masato; Sekiguchi, Toshio; Mishima, Hiroyuki; Shimizu, Nobuaki; Matsubara, Hajime; Srivastav, Ajai K.; Hirayama, Jun; Maruyama, Yusuke; Kamijo-Ikemori, Atsuko; Hirata, Kazuaki; Hattori, Atsuhiko; Suzuki, Nobuo	ACTA HISTOCHEMICA	2020	10.1016/j.acthis.2020.151596	1	0.5	0	0	0	0	0	0	1
173	A one pot, efficient and eco-friendly synthesis of 1,3,4-thiadiazolo[3,2-a] pyrimidine scaffold via Aza-Michael addition and intramolecular cyclo-elimination reactions in poly ethylene glycol (PEG)	Ahmad, Akeel; Tiwari, Shailendra	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	2020		1	0.5	0	0	0	0	0	0	1
174	Seasonal heterogeneity in aerosol optical properties over the subtropical humid region of northern India	Singh, Prayagraj; Vaishya, Aditya; Rastogi, Shantanu; Babu, S. Suresh	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS	2020	10.1016/j.jastp.2020.105246	1	0.5	0	0	0	0	0	0	1
175	Investigations on structural and optical properties of Al-modified ZnO nanoparticles	Kumar, Shiv; Kumar, Manish; Kumar, Arvind; Sharma, Subhash; Shahi, Prashant; Chatterjee, Sandip; Ghosh, Anup Kumar	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2020	10.1007/s10854-020-03307-9	1	0.5	0	0	0	0	0	1	0
176	Thermally stable Ca <sub>2</sub> Ga <sub>2</sub> SiO <sub>7</sub> :Tb <sup>3+</sup> green emitting phosphor for tricolor w-LEDs application	Rawat, Kusum; Vishwakarma, Amit K.; Jha, Kaushal	MATERIALS RESEARCH BULLETIN	2020	10.1016/j.materresbull.2019.110750	1	0.5	0	0	0	0	0	0	1
177	Optical Variability of the TeV Blazar 1ES 0806+524 on Diverse Timescales	Pandey, Ashwani; Gupta, Alok C.; Kurtanidze, Sofia O.; Wiita, Paul J.; Damljanovic, G.; Bachev, R.; Zhang, Jin; Kurtanidze, O. M.; Darriba, A.; Chigladze, R. A.; Latev, G.; Nikolashvili, M. G.; Peneva, S.; Semkov, E.; Strigachev, A.; Tiwari, S. N.; Vince, O.	ASTROPHYSICAL JOURNAL	2020	10.3847/1538-4357/ab698e	1	0.5	0	0	0	0	0	1	0
178	Host Plant Strategies to Combat Against Viruses Effector Proteins	Marwal, Avinash; Gaur, Rajarshi Kumar	CURRENT GENOMICS	2020	10.2174/1389202921999200712135131	1	0.5	0	0	0	0	0	1	0
179	Structures and Electronic Properties of Small Al <sub>n</sub> Sen(n=1-5) Clusters	Shukla, Dharmesh Vikram; Srivastava, Ambrish Kumar; Misra, Neeraj	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES	2021	10.1007/s40010-019-00653-0	1	0.33	0	0	0	0	0	1	0
180	Comparative genomics in phytopathogenic prokaryotes reveals the higher relative abundance and density of long-SSRs in the smallest prokaryotic genome	Mahfooz, Sahil; Srivastava, Arpita; Yadav, Mahesh C.; Tahoor, Azram	3 BIOTECH	2019	10.1007/s13205-019-1872-8	1	0.33	0	0	0	0	0	0	1
181	Effect of regioisomerism on the self-assembly, photophysical and gelation behavior of aroylhydrazone based polycatenars: Synthesis and characterization	Kanth, Priyanka; Singh, Hemant Kumar; Kumar, Vijay; Singh, Sachin Kumar; Rao, D. S. Shankar; Prasad, S. Krishna; Singh, Bachcha	JOURNAL OF MOLECULAR LIQUIDS	2019	10.1016/j.molliq.2019.111133	1	0.33	0	0	0	0	0	1	0
182	C <sub>x</sub> H <sub>4x+1</sub> <sup>+</sup> (x=1-5): a unique series of organic superalkali cations	Srivastava, Ambrish Kumar	MOLECULAR PHYSICS	2020	10.1080/00268976.2019.1615648	1	0.33	0	0	0	0	0	1	0
183	Phase Transformation in Se <sub>75</sub> Te <sub>13</sub> In <sub>12</sub> Chalcogenide Thin Films	Srivastava, A.; Tiwari, S. N.; Lal, J. K.; Khan, Shamshad A.	GLASS PHYSICS AND CHEMISTRY	2019	10.1134/S1087659619020111	1	0.33	0	0	0	0	0	1	0
184	Spatial Distribution, Population Structure and Neighbour Relation of Trewia nudiflora within Forested Vegetation of North-Eastern UP, India	Chaurasia, Balmukund; Shukla, R. P.	RUSSIAN JOURNAL OF ECOLOGY	2018	10.1134/S106741361806005X	1	0.25	0	0	0	0	0	0	1
185	Some novel manganese(III) porphyrins with catalytic properties	Anand, Niharika; Yadava, Sudha	JOURNAL OF COORDINATION CHEMISTRY	2018	10.1080/00958972.2018.1511779	1	0.25	0	0	0	0	0	0	1

186	Synthesis, characterizations and photo-physical properties of novel lanthanum(III) complexes	Ameen, Iffat; Tripathi, Abhishek Kumar; Siddiqui, Afshan; Kapil, Gaurav; Pandey, Shyam S.; Tripathi, Umesh Nath	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	2018	10.1080/16583655.2018.1516028	1	0.25	0	0	0	1	0	0
187	Computational Studies on Nitro, Nitramino, and Dinitramino Derivatives of 1-Aminoazadiboridine as High Energetic Material	Gupta, Satyendra; Sengupta, Soumitra K.; Singh, Hari Ji	PROPELLANTS EXPLOSIVES PYROTECHNICS	2016	10.1002/prop.201500258	1	0.17	0	1	0	0	0	0
188	ANTHELMINTIC ACTIVITY OF CHLOROPHYLLIN AGAINST DIFFERENT LARVAL STAGES OF Fasciola gigantica	Singh, Divya Jyoti; Singh, Dinesh Kumar	REVISTA DO INSTITUTO DE MEDICINA TROPICAL DE SAO PAULO	2016	10.1590/S1678-9946201658039	1	0.17	0	1	0	0	0	0
189	Study of ice nucleating particles in fog-haze weather at New Delhi, India: A case of polluted environment	Wagh, Sandeep; Singh, Prayagraj; Ghude, Sachin D.; Safai, Pramod; Prabhakaran, Thara; Kumar, P. Pradeep	ATMOSPHERIC RESEARCH	2021	10.1016/j.atmosres.2021.105693	0	0	0	0	0	0	0	0
190	Facile and selective colorimetric assay of choline based on AuNPs-WS(2)QDs as a peroxidase mimic	Vinita; Nirala, Narsingh R.; Prakash, Rajiv	MICROCHEMICAL JOURNAL	2021	10.1016/j.microc.2021.106312	0	0	0	0	0	0	0	0
191	Influence of heat on dynamics of surface morphology of Cu film: An experimental and theoretical perspective	Kumar, Gulshan; Ghosh, Santanu; Yadav, R. P.; Singh, Udai B.; Mittal, A. K.; Srivastava, Pankaj	MATERIALS CHEMISTRY AND PHYSICS	2021	10.1016/j.matchemphys.2021.124647	0	0	0	0	0	0	0	0
192	Low frequency view of GRB 190114C reveals time varying shock micro-physics	Misra, K.; Resmi, L.; Kann, D. A.; Marongiu, M.; Moin, A.; Klose, S.; Bernardi, G.; Postigo, A. de Ugarte; Jaiswal, V. K.; Schulze, S.; Perley, D. A.; Ghosh, A.; Dimple, Dimple; Kumar, H.; Gupta, R.; Michalowski, M. J.; Martin, S.; Cockeram, A.; Cherukuri, S., V; Bhalerao, V; Anderson, G. E.; Pandey, S. B.; Anupama, G. C.; Thone, C. C.; Barway, S.; Wieringa, M. H.; Fynbo, J. P. U.; Habeeb, N.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021	10.1093/mnras/stab1050	0	0	0	0	0	0	0	0
193	DFT study of electro-optical, electronic and thermal properties of 4-n-alkoxy-4'-cynobiphenyl liquid crystal series	Sharma, Dipendra; Sahu, Teekendra Kumar; Tiwari, Sugriva Nath	PHASE TRANSITIONS	2021	10.1080/01411594.2021.1944628	0	0	0	0	0	0	0	0
194	Multilocus genes based characterization of phytoplasma strains associated with Mexican and French marigold species in India	Panda, Priyam; Debnath, Praserjit; Mall, Smriti; Nigam, Amrita; Rao, Govind Pratap	EUROPEAN JOURNAL OF PLANT PATHOLOGY	2021	10.1007/s10658-021-02323-7	0	0	0	0	0	0	0	0
195	Application of clove and dill oils as an alternative of salphos for chickpea food seed storage	Kumar, Narendra; Khurana, S. M. Paul; Pandey, Vashist N.	SCIENTIFIC REPORTS	2021	10.1038/s41598-021-89936-4	0	0	0	0	0	0	0	0
196	Drug repurposing for ligand-induced rearrangement of Sirt2 active site-based inhibitors via molecular modeling and quantum mechanics calculations	Bharadwaj, Shiv; Dubey, Amit; Kamboj, Nitin Kumar; Sahoo, Amaresh Kumar; Kang, Sang Gu; Yadava, Umesh	SCIENTIFIC REPORTS	2021	10.1038/s41598-021-89627-0	0	0	0	0	0	0	0	0
197	Synthesis, crystal structure and thermolysis kinetics of [Co(H <sub>2</sub> O)(6)](ClO <sub>4</sub> )(2)center dot(HMTA)(2)center dot 2H <sub>2</sub> O (HMTA = hexamethylenetetramine)	Singh, Chandra Prakash; Singh, Abhishek; Nibha, Daniliuc, Constantin G.; Kumar, Bharat; Singh, Gurdip; Rao, D. P.	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	2021		0	0	0	0	0	0	0	0
198	Photometric and Spectroscopic Analysis of Four Contact Binaries	Panchal, A.; Joshi, Y. C.	ASTRONOMICAL JOURNAL	2021	10.3847/1538-3881/abea0c	0	0	0	0	0	0	0	0
199	Pressure induced superconducting state in ideal topological insulator BiSbTe <sub>3</sub>	Gangwar, Vinod K.; Kumar, Shiv; Singh, Mahima; Ghosh, Labanya; Zhang, Yufeng; Shahi, Prashant; Muntwiler, Matthias; Patil, Swapnil; Shimada, Kenya; Uwatoko, Yoshiya; Sau, Jyotirmoy; Kumar, Manoranjan; Chatterjee, Sandip	PHYSICA SCRIPTA	2021	10.1088/1402-4896/abe5d4	0	0	0	0	0	0	0	0

200	Defect induced ferromagnetic ordering and room temperature negative magnetoresistance in MoTeP	Pal, Debarati; Kumar, Shiv; Shahi, Prashant; Dan, Sambhab; Verma, Abhineet; Gangwar, Vinod K.; Singh, Mahima; Chakravarty, Sujoy; Uwatoko, Yoshiya; Saha, Satyen; Patil, Swapnil; Chatterjee, Sandip	SCIENTIFIC REPORTS	2021	10.1038/s41598-021-88669-8	0	0	0	0	0	0	0	0
201	First report of papaya leaf curl virus and its associated papaya leaf curl betasatellite infecting Catharanthus roseus plants in India	Marwal, Avinash; Nehra, Chitra; Verma, Rakesh Kumar; Mishra, Megha; Srivasatava, Deepika; Choudhary, Priyanka; Gaur, R. K.	JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY	2021	10.1080/14620316.2021.1912646	0	0	0	0	0	0	0	0
202	Impact of N-substituents on crystal packing of N-alkyl-N'-tosylpiperazines and development of new polymorph of tosylbis(2-(tosyloxy)ethyl)amine: Synthesis, DFT, photophysical, cytotoxic property	Kadu, Rahul; Savani, Chirag; Roy, Hetal; Soni, P. H.; Singh, Atresh Kumar; Vennapu, Dushyanth R.; Singh, Vinay K.	JOURNAL OF MOLECULAR STRUCTURE	2021	10.1016/j.molstruc.2020.129635	0	0	0	0	0	0	0	0
203	Dynamics of an Expansion-Free Spherically Symmetric Radiating Star	Kumar, Rajesh; Kumar Srivastava, Sudhir	GRAVITATION & COSMOLOGY	2021	10.1134/S0202289321020080	0	0	0	0	0	0	0	0
204	SN 2020ank: a bright and fast-evolving H-deficient superluminous supernova	Kumar, Amit; Kumar, Brajesh; Pandey, S. B.; Sahu, D. K.; Singh, Avinash; Anupama, G. C.; Aryan, Amar; Gupta, Rahul; Dutta, Anirban; Misra, Kuntal	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021	10.1093/mnras/staa4047	0	0	0	0	0	0	0	0
205	Exact solution of one-dimensional relativistic jet with relativistic equation of state	Joshi, Raj Kishor; Chattopadhyay, Indranil; Ryu, Dongsu; Yadav, Lallan	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021	10.1093/mnras/stab364	0	0	0	0	0	0	0	0
206	Lectotypification of names in Duthiea (Poaceae)	Yadav, Rekha; Tripathi, Shailja; Prasad, Dileshwar; Jaiswal, Shubham; Madhukar, Virendra K.; Agnihotri, Priyanka	PHYTOTAXA	2021	10.11646/phytotaxa.494.1.15	0	0	0	0	0	0	0	0
207	Evidence of surface and bulk magnetic ordering in Fe and Mn doped Bi-2(SeS)(3) topological insulator	Singh, Mahima; Kumar, Shiv; Alam, Mohd; Gangwar, Vinod K.; Ghosh, Labanya; Pal, Debarati; Singh, Rahul; Shahi, P.; Chaudhary, P.; Shimada, Kenya; Chatterjee, Sandip	APPLIED PHYSICS LETTERS	2021	10.1063/5.0035433	0	0	0	0	0	0	0	0
208	Dysphania ambrosioides essential oils: from pharmacological agents to uses in modern crop protection-a review	Singh, Pooja; Pandey, Abhay K.	PHYTOCHEMISTRY REVIEWS	2021	10.1007/s11101-021-09752-6	0	0	0	0	0	0	0	0
209	Superhalogens as Building Blocks of Ionic Liquids	Srivastava, Ambrish Kumar; Kumar, Abhishek; Misra, Neeraj	JOURNAL OF PHYSICAL CHEMISTRY A	2021	10.1021/acs.jpca.1c00599	0	0	0	0	0	0	0	0
210	Synthesis, biological evaluation and molecular docking studies of novel quinazolinones as antitubercular and antimicrobial agents	Pandey, Sarvesh Kumar; Yadava, Umesh; Upadhyay, Anjali; Sharma, M. L.	BIOORGANIC CHEMISTRY	2021	10.1016/j.bioorg.2020.104611	0	0	0	0	0	0	0	0
211	Lithiated Graphene Quantum Dot and its Nonlinear Optical Properties Modulated by a Single Alkali Atom: A Theoretical Perspective	Srivastava, Ambrish Kumar	INORGANIC CHEMISTRY	2021	10.1021/acs.inorgchem.0c03453	0	0	0	0	0	0	0	0
212	Structure-Based Identification of Natural Products as SARS-CoV-2 M-pro Antagonist from Echinacea angustifolia Using Computational Approaches	Bharadwaj, Shiv; El-Kafrawy, Sherif Aly; Alandijany, Thamir A.; Bajrai, Leena Hussein; Shah, Altaf Ahmad; Dubey, Amit; Sahoo, Amaresh Kumar; Yadava, Umesh; Kamal, Mohammad Amjad; Azhar, Esam Ibraheem; Kang, Sang Gu; Dwivedi, Vivek Dhar	VIRUSES-BASEL	2021	10.3390/v13020305	0	0	0	0	0	0	0	0
213	Quantum chemical study of gas-phase reactions of isoprene with OH radicals producing highly oxidised second-generation products	Verma, Anand Mohan; Singh, Satya Pal; Ojha, R. P.	JOURNAL OF MOLECULAR MODELING	2021	10.1007/s00894-021-04666-8	0	0	0	0	0	0	0	0

214	Response of ambient BC concentration across the Indian region to the nation-wide lockdown: results from the ARFINET measurements of ISRO-GBP	Gogoi, Mukunda M.; Babu, S. Suresh; Arun, B. S.; Moorthy, K. Krishna; Ajay, A.; Ajay, P.; Suryavanshi, Arun; Borgohain, Arup; Guha, Anirban; Shaikh, Atiba; Pathak, Binita; Gharai, Biswadip; Ramasamy, Boopathy; Balakrishnaiah, G.; Menon, Harilal B.; Kuniyal, Jagdish Chandra; Krishnan, Jayabala; Gopal, K. Rama; Maheswari, M.; Naja, Manish; Kaur, Parminder; Bhuyan, Pradip K.; Gupta, Pratima; Singh, Prayagraj; Srivastava, Priyanka; Singh, R. S.; Kumar, Ranjit; Rastogi, Shantanu; Kundu, Shyam Sundar; Kompalli, Sobhan Kumar; Panda, Subhasmita; Rao, Tandule Chakradhar; Das, Trupti; Kant, Yogesh	CURRENT SCIENCE	2021	10.18520/cs/v120/i2/341-351	0	0	0	0	0	0	0	0
215	External electric field modulated second-order nonlinear optical response and visible transparency in hexalithiobenzene	Srivastava, Ambrish Kumar	JOURNAL OF MOLECULAR MODELING	2021	10.1007/s00894-020-04626-8	0	0	0	0	0	0	0	0
216	Ionization of NO by superhalogens: DFT and QTAIM approaches	Srivastava, Ambrish Kumar	MAIN GROUP CHEMISTRY	2021	10.3233/MGC-210004	0	0	0	0	0	0	0	0
217	SYNTHESIS, SPECTRAL AND SOL-GEL BEHAVIOR OF MIXED LIGAND COMPLEXES OF TITANIUM(IV) WITH OXYGEN, NITROGEN AND SULFUR DONOR LIGANDS	Srivastava, Abhishek; Srivastava, Neetu; Tripathi, Umesh Nath	BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA	2021	10.4314/bcse.v35i1.5	0	0	0	0	0	0	0	0
218	Does Antibody Stabilize the Ligand Binding in GP120 of HIV-1 Envelope Protein? Evidence from MD Simulation	Yadav, Shalini; Pandey, Vishnudatt; Kumar Tiwari, Rakesh; Ojha, Rajendra Prasad; Dubey, Kshatresh Dutta	MOLECULES	2021	10.3390/molecules26010239	0	0	0	0	0	0	0	0
219	DFT and QTAIM studies on the reduction of carbon monoxide by superalkalis	Srivastava, Ambrish Kumar	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2021	10.1016/j.jmgm.2020.107765	0	0	0	0	0	0	0	0
220	Characterizations and photo-physical properties of synthesized Europium (III) and Terbium(III) complexes with mercapto-triazole Schiff base ligands	Vishwakarma, Ananya; Sengupta, S. K.; Pandey, O. P.	JOURNAL OF LUMINESCENCE	2021	10.1016/j.jlumin.2020.117659	0	0	0	0	0	0	0	0
221	UV shielding and transparency of K+-doped Li3VO4 nanostructured superionic conductors	Chopde, Rajesh; Singh, Nitu; Mishra, Kripa M.; Bamne, Jyoti; Haque, Fozia Z.	EMERGING MATERIALS RESEARCH	2020	10.1680/jemmr.20.00089	0	0	0	0	0	0	0	0
222	Effect of Prosopis cineraria (L) druce pods and camel milk for nutritional enrichment in traditionally fermented minor millet's drink	Saraswat, Poornima; Yadav, Paras; Verma, Rakesh Kumar; Gaur, R. K.; Sharma, K. P.	INTERNATIONAL JOURNAL OF GASTRONOMY AND FOOD SCIENCE	2020	10.1016/j.ijgfs.2020.100251	0	0	0	0	0	0	0	0
223	In Silico Investigation of Electronic Structure, Binding Patterns and Molecular Docking of Nevirapine: An anti-HIV Type-1 Drug	Tiwari, Gargi; Kumar, Abhishek; Dwivedi, K. K.; Sharma, Dipendra	POLYCYCLIC AROMATIC COMPOUNDS	2020	10.1080/10406638.2020.1852268	0	0	0	0	0	0	0	0
224	Ab initio investigations on bimetallic mononuclear superalkali clusters	Srivastava, Ambrish Kumar	CHEMICAL PHYSICS LETTERS	2020	10.1016/j.cplett.2020.138049	0	0	0	0	0	0	0	0
225	Detection of PAH and nBL features in planetary nebulae NGC 7027 and BD+30 degrees 3639 with TIRCAM2 instrument on 3.6 m DOT	Anand, Rahul Kumar; Rastogi, Shantanu; Kumar, Brijesh; Ghosh, Arpan; Sharma, Saurabh; Ojha, D. K.; Ghosh, S. K.	JOURNAL OF ASTROPHYSICS AND ASTRONOMY	2020	10.1007/s12036-020-09644-9	0	0	0	0	0	0	0	0
226	Ab initio investigations on the interaction of CO2 and non-metallic superalkalis: structure, stability and electronic properties	Kumar, Ratnesh; Kumar, Abhishek; Srivastava, Ambrish Kumar; Misra, Neeraj	MOLECULAR PHYSICS	2021	10.1080/00268976.2020.1841311	0	0	0	0	0	0	0	0
227	Ameliorative effects of jamun seed and orange peel extracts on microcystin LR induced alterations in calcitonin cells and parathyroid gland of rats	Srivastava, Babita Deep; Srivastava, Manish; Srivastav, Sunil Kumar; Urata, Makoto; Suzuki, Nobuo; Srivastav, Ajai Kumar	MICROSCOPY RESEARCH AND TECHNIQUE	2021	10.1002/jemt.23615	0	0	0	0	0	0	0	0

228	Spherically symmetric self-gravitating radiating star under expansion-free motion	Kumar, Rajesh; Srivastava, S. K.	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2020	10.1142/S0219887820501893	0	0	0	0	0	0	0	0
229	Variable stars in the field of intermediate-age open cluster NGC559	Joshi, Y. C.; John, Ancy A.; Maurya, J.; Panchal, A.; Kumar, Brijesh; Joshi, Santosh	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020	10.1093/mnras/staa2881	0	0	0	0	0	0	0	0
230	Spectroscopic and Structural Investigations on Novel 6-Amino-3-Phenyl-4-(Pyridin-4-yl)-2,4-Dihydropyran[2,3-c] Pyrazole-5-Carbonitrile by FT-IR, NMR, Docking, and DFT Methods	Kumar, Ratnesh; Kumar, Abhishek; Srivastava, Ambrish Kumar; Brahmachari, Goutam; Misra, Neeraj	POLYCYCLIC AROMATIC COMPOUNDS	2020	10.1080/10406638.2020.1832125	0	0	0	0	0	0	0	0
231	Assessment of vertical ozone profiles from INSAT-3D sounder over the Central Himalaya	Rawat, Prajwal; Naja, Manish; Thapliyal, Pradeep K.; Srivastava, Shuchita; Bhardwaj, Piyush; Kumar, Rajesh; Bhattacharjee, Samaresh; Venkatramani, S.; Tiwari, S. N.; Lal, Shyam	CURRENT SCIENCE	2020	10.18520/cs/v119/i7/1113-1122	0	0	0	0	0	0	0	0
232	Structural Features and Functional Properties of Y2O3 Reinforced Nickel Matrix Nanocomposites	Chaudhari, Alok Kumar; Singh, Vijai Bahadur; Singh, Bachcha	CHEMISTRYSELECT	2020	10.1002/slct.202002052	0	0	0	0	0	0	0	0
233	Biology and Interaction of the Natural Occurrence of Distinct Monopartite Begomoviruses Associated With Satellites in Capsicum annum From India	Mishra, Megha; Verma, Rakesh Kumar; Marwal, Avinash; Sharma, Pradeep; Gaur, R. K.	FRONTIERS IN MICROBIOLOGY	2020	10.3389/fmicb.2020.512957	0	0	0	0	0	0	0	0
234	Dihetero double Michael addition in PEG-400: Synthesis of 2,3-dihydro- [2,3-c]-[1,2,4]-triazole scaffold	Tiwari, Shailendra; Ahmad, Akeel; Singh, Vinod Kumar	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	2020		0	0	0	0	0	0	0	0
235	Product investigation of the gas phase ozonolysis of 1-penten-3-ol, cis-2-penten-1-ol and trans-3-hexen-1-ol	Kalalian, C.; Roth, E.; El Dib, G.; Singh, H. J.; Rao, P. K.; Chakir, A.	ATMOSPHERIC ENVIRONMENT	2020	10.1016/j.atmosenv.2020.117732	0	0	0	0	0	0	0	0
236	Genomics and bioinformatics intervention in plant biotechnology: a current perspective	Yadav, Dinesh	GENES & DISEASES	2020		0	0	0	0	0	0	0	0
237	Anomalous and topological Hall effect in Cu doped Sb2Te3 topological insulator	Singh, Abhishek; Gangwar, Vinod K.; Shahi, Prashant; Pal, Debarati; Singh, Rahul; Kumar, Shiv; Singh, S.; Gupta, S. K.; Kumar, Sudhir; Cheng, Jinguang; Chatterjee, Sandip	APPLIED PHYSICS LETTERS	2020	10.1063/5.0021722	0	0	0	0	0	0	0	0
238	Structural and electronic properties of 2D-activated carbon sheet	Kumar, Ratnesh; Kumar, Abhishek; Rao, B. Keshav; Srivastava, Ambrish K.; Verma, Mohan L.; Misra, Neeraj	CARBON LETTERS	2021	10.1007/s42823-020-00177-3	0	0	0	0	0	0	0	0
239	High pressure investigation of an organic three-dimensional Dirac semimetal candidate having a diamond lattice	Kiswandhi, Anshika; Maesato, Mitsuhiro; Tomeno, Shinya; Yoshida, Yukihiko; Shimizu, Yasuhiro; Shahi, Prashant; Gouchi, Jun; Uwatoko, Yoshiya; Saito, Gunzi; Kitagawa, Hiroshi	PHYSICAL REVIEW B	2020	10.1103/PhysRevB.101.245124	0	0	0	0	0	0	0	0
240	Contesting Nationalisms: Hinduism, Secularism and Untouchability in Colonial Punjab, 1880-1930.	Chaturvedi, Himanshu	INDIAN HISTORICAL REVIEW	2020	10.1177/0376983620922402	0	0	0	0	0	0	0	0
241	Phylogenetic and Recombination Analyses of Sugarcane yellow leaf virus isolates	Marwal, Avinash; Gaur, R. K.	SUGAR TECH	2020	10.1007/s12355-019-00783-0	0	0	0	0	0	0	0	0
242	Identification of Chilli leaf curl virus and associated betasatellite infecting Osteospermum fruticosum in Rajasthan, India	Mishra, Megha; Verma, Rakesh Kumar; Gaur, R. K.	3 BIOTECH	2020	10.1007/s13205-020-2159-9	0	0	0	0	0	0	0	0



243	Clustered-Cavity Approach for the Performance Improvement of a Ka-Band Second-Harmonic Gyrokylystron Amplifier	Swati, M., V; Chauhan, M. S.; Jain, P. K.	IEEE TRANSACTIONS ON ELECTRON DEVICES	2020	10.1109/TED.2020.2966650	0	0	0	0	0	0	0	0
244	A Promising Proton Conducting Electrolyte BaZr <sub>1-x</sub> HoxO <sub>3-delta</sub> (0.05 <= x <= 0.20) Ceramics for Intermediate Temperature Solid Oxide Fuel Cells	Saini, Deepash S.; Ghosh, Avijit; Tripathy, Shuvendu; Kumar, Aparabal; Sharma, Sanjeev K.; Kumar, Nawnit; Majumdar, Shubhankar; Bhattacharya, Debasis	SCIENTIFIC REPORTS	2020	10.1038/s41598-020-60174-4	0	0	0	0	0	0	0	0
245	MC6Li6 (M = Li, Na and K): a new series of aromatic superalkalis	Srivastava, Ambrish Kumar	MOLECULAR PHYSICS	2020	10.1080/00268976.2020.1730991	0	0	0	0	0	0	0	0
246	Cannabis sativa L.: A Potential Natural Reservoir of Sugarcane Grassy Shoot Phytoplasmas in India	Maurya, Renu; Mall, Smriti; Tiwari, Ajay K.; Jadon, Vikash; Marcone, Carmine; Rao, Govind P.	SUGAR TECH	2020	10.1007/s12355-020-00797-z	0	0	0	0	0	0	0	0
247	Characterization and genetic diversity of phytoplasmas associated with elephant foot yam (Amorphophallus paeoniifolius) in India	Rao, G. P.; Reddy, Madem Gurivi; Priya, Madhu; Bahadur, Amar; Dubey, Durgesh K.	3 BIOTECH	2020	10.1007/s13205-020-2069-x	0	0	0	0	0	0	0	0
248	Improving salt tolerance and yield by Mn supplementation in Vigna radiata	Sham, Swati; Kumar, Rajnish; Srivastava, Malvika	INDIAN JOURNAL OF AGRICULTURAL SCIENCES	2020		0	0	0	0	0	0	0	0
249	Selective oxidation of benzyl alcohol catalyzed by ruthenium (III) complexes derived from tridentate mer-ligands having phenolato donor	Ratnam, Anand; Kumari, Sheela; Kumar, Rajan; Singh, U. P.; Ghosh, Kaushik	JOURNAL OF ORGANOMETALLIC CHEMISTRY	2020	10.1016/j.jorganchem.2019.120986	0	0	0	0	0	0	0	0
250	Tunable electrochemical synthesis of pyrrole-based adsorbents	Pandey, Avinash Kumar; Mishra, Abhishek Kumar	SEPARATION SCIENCE AND TECHNOLOGY	2020	10.1080/01496395.2019.1706574	0	0	0	0	0	0	0	0
251	One-pot two-step facile synthesis of new 6,7-dihydro-1H-pyrazolo [3,4-b] pyridine-5-carbonitrile hybrids as antimicrobial agents	Tiwari, Shailendra; Ahmad, Akeel	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	2019		0	0	0	0	0	0	0	0
252	A History of Humanity	Tripathi, D. N.	INDIAN HISTORICAL REVIEW	2019	10.1177/0376983619898541	0	0	0	0	0	0	0	0
253	Synthesis and characterization of some novel Mn(III) glycinato complexes with catalytic applications	Jaiswal, Deepika; Yadava, Sudha	JOURNAL OF COORDINATION CHEMISTRY	2019	10.1080/00958972.2019.1660961	0	0	0	0	0	0	0	0
254	Effect of disturbance on population structure, regeneration and conservation of Moghania chappar in sal forests of Gorakhpur, India	Pandey, Sanjay Kumar; Shukla, Ravindra P.	TROPICAL ECOLOGY	2019	10.1007/s42965-019-00035-y	0	0	0	0	0	0	0	0
255	X-ray crystallographic investigations and molecular dynamics simulation studies with phospholipase A2 of some Leonard linker pyrazolo[3,4-d]pyrimidine compounds	Yadava, Umesh	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	2019		0	0	0	0	0	0	0	0
256	Synthesis of IONP's decorated graft copolymers and study of their magnetic force-induced wastewater treatment	Kiran, Sonker, Ekta; Tungala, Kranthikumar; Krishnamoorthi, S.; Kumar, Krishna	POLYMERS FOR ADVANCED TECHNOLOGIES	2020	10.1002/pat.4747	0	0	0	0	0	0	0	0
257	An alkali tolerant alpha-L-rhamnosidase from Fusarium moniliforme MTCC-2088 used in de-rhamnosylation of natural glycosides	Kumar, Dharendra; Yadav, Sarita; Yadava, Sudha; Yadav, K. D. S.	BIOORGANIC CHEMISTRY	2019	10.1016/j.bioorg.2018.11.027	0	0	0	0	0	0	0	0
258	Role of Musa paradisiaca ascorbate peroxidase in the transformation of methyl phenyl sulfide to its sulfoxide	Yadav, Kamlesh S.; Yadav, Pratibha; Sharma, Satyawati; Khare, Sunil K.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2019	10.1016/j.ijbiomac.2018.11.014	0	0	0	0	0	0	0	0
259	Viscosities and excess molar volumes of binary liquid mixtures of 1,4-dichlorobutane and some hydrocarbon solvents at 308.15 K, 313.15 K, and 318.15 K	Yadav, Kanchan; Yadava, S. S.	PHYSICS AND CHEMISTRY OF LIQUIDS	2019	10.1080/00319104.2018.1445251	0	0	0	0	0	0	0	0

260	Synthesis and characterization of a novel Mn(III)-(gamma-diketone) complex with catalytic and antifungal activity	Dubey, Priti; Yadava, Sudha	JOURNAL OF COORDINATION CHEMISTRY	2018	10.1080/00958972.2018.1517869	0	0	0	0	0	0	0	0
261	Development of dendritic growth patterns of polythiophene copper composite during electropolymerization: Characterization and bidirectional sensing applications	Mishra, Abhishek Kumar; Agrawal, Namita Rani; Das, Ishwar; Pandey, Prem Chandra	INDIAN JOURNAL OF CHEMICAL TECHNOLOGY	2018		0	0	0	0	0	0	0	0
262	Radiative transfer modeling of atmospheric methane for satellite measurements in the 1.66 micron spectral window	Prasad, Prabhunath; Rastogi, Shantanu; Singh, Raghavendra P.	JOURNAL OF NEAR INFRARED SPECTROSCOPY	2018	10.1177/0967033518783208	0	0	0	0	0	0	0	0
263	Design and synthesis of small molecule inhibitors bearing 1,2,3-triazole/sulfonate pharmacophore from natural precursors for the treatment of bacterial infections	Aneja, Babita; Alam, Shadab; Azam, Mudsser; Perwez, Ahmad; Haque, Rizwanul; Rizvi, Moshahid; Maguire, Ronan; Kavanagh, Kevin; Yadava, Umesh; Daniliuc, Constantin; Azam, Amir; Mohammad, Abid	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	2017		0	0	0	0	0	0	0	0
264	Diketo acids and their hybrid bioisoster derivatives as bacterial biofilm and Methionine Aminopeptidase (MetAP) inhibitors	Mohammad, Abid; Hasan, Phool; Pillalamarri, Vijay; Irfan, Mohamamad; Perwez, Ahmad; Ahmad, Belal; Yadava, Umesh; Rizvi, Moshahid; Daniliuc, Constantin; Maguire, Ronan; Kavanagh, Kevin; Addlagatta, Anthony	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	2017		0	0	0	0	0	0	0	0
265	Characterizations of solute binding proteins by DSF scanning and crystallography	Yadava, Umesh; Vetting, Matthew W.; Almo, Steven C.	ACTA CRYSTALLOGRAPHICA A- FOUNDATION AND ADVANCES	2017	10.1107/S2053273317094177	0	0	0	0	0	0	0	0
266	Molecular cloning and expression profiling of multiple Dof genes of Sorghum bicolor (L) Moench	Gupta, Shubhra; Arya, Gulab C.; Malviya, Neha; Bisht, Naveen C.; Yadav, Dinesh	MOLECULAR BIOLOGY REPORTS	2016	10.1007/s11033-016-4019-6	0	0	0	0	0	0	0	0
267	Bioinformatics Intervention in Elucidating Structural and Functional Attributes of Plant Specific Transcription Factors: A Review	Dinesh, Yadav; Neha, Malviya; Jeya, Nasim; Rajendra, Kumar	RESEARCH JOURNAL OF BIOTECHNOLOGY	2016		0	0	0	0	0	0	0	0
268	On shearing fluids with homogeneous densities	Srivastava, D. C.; Srivastava, V. C.; Kumar, Rajesh	GENERAL RELATIVITY AND GRAVITATION	2016	10.1007/s10714-016-2065-y	0	0	0	0	0	0	0	0
269	A new method of synthesis and characterization of nano-sized mercuric iodide by solid-gas reaction	Agrawal, Namita Rani; Fredrick, Shobhna Dorthy; Das, Ishwar	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2016		0	0	0	0	0	0	0	0