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Title	Authors	Source Title	Publication Date	Publication Year	Volume	Issue	Beginning Page	Ending Page	Article Number	DOI	Citations WoS	Citations Scopus	CITATION INDEX
2016													
Results found	205												
Sum of the Times Cited	1805												
Average Citations per Item	8.8												
h-index	19												
Title	Authors	Source Title	Publication Date	Publication Year	Volume	Issue	Beginning Page	Ending Page	Article Number	DOI	Citations in WoS	Citations in Scopus	CITATION INDEX
Hydrogen energy future with formic acid: a renewable chemical hydrogen storage system	Singh, Ashish Kumar; Singh, Suryabhan; Kumar, Abhinav	CATALYSIS SCIENCE & TECHNOLOGY	2016	2016	6	1	12	40		https://doi.org/10.1039/c5cy01276g	202	207	428347
Luminescent sensing from a new Zn(II) metal-organic framework	Liu, Jian-Qiang; Wu, Jian; Li, Fu-Mei; Liu, Wei-Cong; Li, Bao-Hong; Wang, Jun; Li, Qin-Ling; Yadave, Reena; Kumar, Abhinav	RSC ADVANCES	2016	2016	6	37	31161	31166		https://doi.org/10.1039/c6ra01709f	65	66	138247.5
Alzheimer's disease: An overview of amyloid beta dependent pathogenesis and its therapeutic implications along with in silico approaches emphasizing the role of natural products	Awasthi, Manika; Singh, Swati; Pandey, Veda P.; Dwivedi, Upendra N.	JOURNAL OF THE NEUROLOGICAL SCIENCES	FEB 15 2016	2016	361		256	271		https://doi.org/10.1016/j.jns.2016.01.008	64	67	136131
A Luminescent Zinc(II) Metal-Organic Framework for Selective Detection of Nitroaromatics, Fe ³⁺ and CrO ₄ ²⁻ : A Versatile Threefold Fluorescent Sensor	Li, Bao-Hong; Wu, Jian; Liu, Jian-Qiang; Gu, Chu-Ying; Xu, Jing-Wen; Luo, Miao-Miao; Yadav, Reena; Kumar, Abhinav; Batten, Stuart R.	CHEMPLUSCHEM	AUG 2016	2016	81	8	885	892		https://doi.org/10.1002/cplu.201600304	58		123395.5
Zirconia based dental ceramics: structure, mechanical properties, biocompatibility and applications	Gautam, Chandkiram; Joyner, Jarin; Gautam, Amarendra; Rao, Jitendra; Vajtai, Robert	DALTON TRANSACTIONS	2016	2016	45	48	19194	19215		https://doi.org/10.1039/c6dt03484e	45	54	95901.5

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Reduced arsenic accumulation in rice (<i>Oryza sativa</i> L.) shoot involves sulfur mediated improved thiol metabolism, antioxidant system and altered arsenic transporters	Dixit, Garima; Singh, Amit Pal; Kumar, Amit; Mishra, Seema; Dwivedi, Sanjay; Kumar, Smita; Trivedi, Prabodh Kumar; Pandey, Vivek; Tripathi, Rudra Deo	PLANT PHYSIOLOGY AND BIOCHEMISTRY	FEB 2016	2016	99		86	96		https://doi.org/10.1016/j.plaphy.2015.11.005	44	52	93783.5
Metal-organic framework MIL-101 supported bimetallic Pd-Cu nanocrystals as efficient catalysts for chromium reduction and conversion of carbon dioxide at room temperature	Trivedi, Manoj; Bhaskaran; Kumar, Akshay; Singh, Gurmeet; Kumar, Abhinav; Rath, Nigam P.	NEW JOURNAL OF CHEMISTRY	2016	2016	40	4	3109	3118		https://doi.org/10.1039/c5nj02630j	41	43	87428
Dose-dependent genotoxicity of copper oxide nanoparticles stimulated by reactive oxygen species in human lung epithelial cells	Akhtar, Mohammad Javed; Kumar, Sudhir; Alhadlaq, Hisham A.; Alrokayan, Salman A.; Abu-Salah, Khalid M.; Ahamed, Maqusood	TOXICOLOGY AND INDUSTRIAL HEALTH	MAY 2016	2016	32	5	809	821		https://doi.org/10.1177/0748233713511512	39	41	83193
In vitro anticancer activities of Schiff base and its lanthanum complex	Neelima; Poonia, Kavita; Siddiqui, Sahabjada; Arshad, Md; Kumar, Dinesh	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	FEB 15 2016	2016	155		146	154		https://doi.org/10.1016/j.saa.2015.10.015	35	33	74721
Vibrational analysis and chemical activity of paracetamol-oxalic acid cocrystal based on monomer and dimer calculations: DFT and AIM approach	Srivastava, Karnica; Shimpi, Manishkumar R.; Srivastava, Anubha; Tandon, Poonam; Sinha, Kirti; Velaga, Sitaram P.	RSC ADVANCES	2016	2016	6	12	10024	10037		https://doi.org/10.1039/c5ra24402a	32	32	68369.5
Visible Light Assisted Photocatalytic [3+2] Azide-Alkyne Click Reaction for the Synthesis of 1,4-Substituted 1,2,3-Triazoles Using a Novel Bimetallic Ru-Mn Complex	Kumar, Pawan; Joshi, Chetan; Srivastava, Ambrish K.; Gupta, Piyush; Boukherroub, Rabah; Jain, Suman L.	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	JAN 2016	2016	4	1	69	75		https://doi.org/10.1021/acssuscemeng.5b00653	30		64119.5

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Expression of an insecticidal fern protein in cotton protects against whitefly	Shukla, Anoop Kumar; Upadhyay, Santosh Kumar; Mishra, Manisha; Saurabh, Sharad; Singh, Rahul; Singh, Harpal; Thakur, Nidhi; Rai, Preeti; Pandey, Paras; Hans, Aradhana L.; Srivastava, Subhi; Rajapure, Vikram; Yadav, Sunil Kumar; Singh, Mithlesh Kumar; Kumar, Jitendra; Chandrashekar, K.; Verma, Praveen C.; Singh, Ajit Pratap; Nair, K. N.; Bhadauria, Smrati; Wahajuddin, Muhammad; Singh, Sarika; Sharma, Sharad; Omkar; Upadhyay, Ram Sanmukh; Ranade, Shirish A.; Tuli, Rakesh; Singh, Pradhyumna Kumar	NATURE BIOTECHNOLOGY	OCT 2016	2016	34	10	1046	1051		https://doi.org/10.1038/nbt.3665	28	37	59904
Immobilization of papaya laccase in chitosan led to improved multipronged stability and dye discoloration	Jaiswal, Nivedita; Pandey, Veda P.; Dwivedi, Upendra N.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	MAY 2016	2016	86		288	295		https://doi.org/10.1016/j.ijbiomac.2016.01.079	28	31	59901
Quenching of photoluminescence and enhanced contrast of ferroelectric liquid crystal dispersed with Cd1-xZnxS/ZnS core/shell nanocrystals	Singh, D. P.; Pandey, S.; Gupta, S. K.; Manohar, R.; Daoudi, A.; Sahraoui, A. H.; Phadnis, Chinmay; Mahamuni, S.	JOURNAL OF LUMINESCENCE	MAY 2016	2016	173		250	256		https://doi.org/10.1016/j.jlumin.2015.12.042	27		57768.5
Selenate mitigates arsenite toxicity in rice (Oryza sativa L) by reducing arsenic uptake and ameliorates amino acid content and thiol metabolism	Kumar, Amit; Dixit, Garima; Singh, Amit Pal; Dwivedi, Sanjay; Srivastava, Sudhakar; Mishra, Kumkum; Tripathi, Rudra Deo	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	NOV 2016	2016	133		350	359		https://doi.org/10.1016/j.ecoenv.2016.06.037	21		45066.5

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Computational approaches to find the active binding sites of biological targets against busulfan	Karthick, T.; Tandon, Poonam	JOURNAL OF MOLECULAR MODELING	JUN 2016	2016	22	6			142	https://doi.org/10.1007/s00894-016-3015-z	20	21	42960
Synthesis, spectral (FT-IR, UV-visible, NMR) features, biological activity prediction and theoretical studies of 4-Amino-3-(4hydroxybenzyl)-1H-1,2,4-triazole-5(4H)-thione and its tautomer	Srivastava, Ambrish Kumar; Kumar, Abhishek; Misra, Neeraj; Manjula, P. S.; Sarojini, B. K.; Narayana, B.	JOURNAL OF MOLECULAR STRUCTURE	MAR 5 2016	2016	1107		137	144		https://doi.org/10.1016/j.molstruc.2015.11.042	19		40832.5
Enhanced supercapacitor performance of a 3D architecture tailored using atomically thin rGO-MoS2 2D sheets	Jose, Sujin P.; Tiwary, Chandra Sekhar; Kosolwattana, Suppanat; Raghavan, Prasanth; Machado, Leonardo D.; Gautam, Chandkiram; Prasankumar, T.; Joyner, Jarin; Ozden, Sehmus; Galvao, Douglas S.; Ajayan, P. M.	RSC ADVANCES	2016	2016	6	96	93384	93393		https://doi.org/10.1039/c6ra20960b	19		40832.5
Studies of molecular structure, hydrogen bonding and chemical activity of a nitrofurantoin-L-proline cocrystal: a combined spectroscopic and quantum chemical approach	Pandey, Jaya; Prajapati, Preeti; Shimpi, Manishkumar R.; Tandon, Poonam; Velaga, Sitaram P.; Srivastava, Anubha; Sinha, Kirti	RSC ADVANCES	2016	2016	6	78	74135	74154		https://doi.org/10.1039/c6ra13035f	19	19	40842
Encapsulation of lawrencium into C-60 fullerene: Lr@C-60 versus Li@C-60	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	MATERIALS CHEMISTRY AND PHYSICS	JUL 1 2016	2016	177		437	441		https://doi.org/10.1016/j.matchemphys.2016.04.050	18		38715.5
Pinealectomy abolishes circadian behavior and interferes with circadian clock gene oscillations in brain and liver but not retina in a migratory songbird	Trivedi, Amit Kumar; Malik, Shalie; Rani, Sangeeta; Kumar, Vinod	PHYSIOLOGY & BEHAVIOR	MAR 15 2016	2016	156		156	163		https://doi.org/10.1016/j.physbeh.2016.01.019	18	21	38726

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Ferrocenyl Dithiocarbamate Based d(10) Transition-Metal Complexes as Potential Co-Sensitizers in Dye-Sensitized Solar Cells	Yadav, Reena; Trivedi, Manoj; Kociok-Koehn, Gabriele; Chauhan, Ratna; Kumar, Abhinav; Gosavi, Suresh W.	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	MAR 2016	2016		7	1013	1021		https://doi.org/10.1002/ejic.201501449	18		38715.5
OLi3O- anion: Designing the strongest base to date using OLi3 superalkali	Srivastava, Ambrish Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	MAR 16 2016	2016	648					https://doi.org/10.1016/j.cplett.2016.02.010	17		36598.5
Synthesis and porous h-BN 3D architectures for effective humidity and gas sensors	Gautam, Chandkiram; Tiwary, Chandra Sekhar; Machado, Leonardo D.; Jose, Sujin; Ozden, Sehmus; Biradar, Santoshkumar; Galvao, Douglas S.; Sonker, Rakesh K.; Yadav, B. C.; Vajtai, Robert; Ajayan, P. M.	RSC ADVANCES	2016	2016	6	91	87888	87896		https://doi.org/10.1039/c6ra18833h	17	18	36607.5
Transition metal ferrocenyl dithiocarbamates functionalized dye-sensitized solar cells with hydroxy as an anchoring group	Yadav, Reena; Waghadkar, Yogesh; Kociok-Kohn, Gabriele; Kumar, Abhinav; Rane, Sunit B.; Chauhan, Ratna	OPTICAL MATERIALS	DEC 2016	2016	62		176	183		https://doi.org/10.1016/j.optmat.2016.09.071	16	14	34488.5
Fabrication of lanthanum ferrite based liquefied petroleum gas sensor	Yadav, Avadhesh Kumar; Singh, Rajneesh Kumar; Singh, Prabhakar	SENSORS AND ACTUATORS B-CHEMICAL	JUN 28 2016	2016	229		25	30		https://doi.org/10.1016/j.snb.2016.01.066	16	14	34488.5
Synthesis, characterization and biological activities of some Ru(II) complexes with substituted chalcones and their applications as chemotherapeutics against breast cancer	Singh, Ashok K.; Saxena, Gunjan; Dixit, Shivani; Hamidullah; Singh, Sachin K.; Singh, Sudheer K.; Arshad, M.; Konwar, Rituraj	JOURNAL OF MOLECULAR STRUCTURE	MAY 5 2016	2016	1111		90	99		https://doi.org/10.1016/j.molstruc.2016.01.070	16	19	34491

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Core/shell quantum dots in ferroelectric liquid crystals matrix: effect of spontaneous polarisation coupling with dopant	Pandey, Shivani; Vimal, Tripti; Singh, Dharmendra Pratap; Gupta, Swadesh Kumar; Pathak, Govind; Katiyar, Rohit; Manohar, Rajiv	LIQUID CRYSTALS	2016	2016	43	7	980	993		https://doi.org/10.1080/02678292.2016.1155768	16	16	34489.5
DNA topoisomerase-directed anticancerous alkaloids: ADMET-based screening, molecular docking, and dynamics simulation	Singh, Swati; Das, Tamal; Awasthi, Manika; Pandey, Veda P.; Pandey, Brijesh; Dwivedi, Upendra N.	BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY	JAN-FEB 2016	2016	63	1	125	137		https://doi.org/10.1002/bab.1346	15	20	32374.5
Prediction of superalkali@C-60 endofullerenes, their enhanced stability and interesting properties	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	JUL 1 2016	2016	655		71	75		https://doi.org/10.1016/j.cplett.2016.05.039	14		30247.5
Microwave synthesis of hydroxyapatite bioceramic and tribological studies of its composites with SrCO ₃ and ZrO ₂	Gautam, C. R.; Tamuk, M.; Manpoong, C. W.; Gautam, S. S.; Kumar, Sunil; Singh, Anod Kumar; Mishra, V. K.	JOURNAL OF MATERIALS SCIENCE	MAY 2016	2016	51	10	4973	4983		https://doi.org/10.1007/s10853-016-9802-1	14		30247.5
Eupalitin induces apoptosis in prostate carcinoma cells through ROS generation and increase of caspase-3 activity	Kaleem, Sarjeel; Siddiqui, Sahabjada; Siddiqui, Hefazat Hussain; Badruddeen; Hussain, Arshad; Arshad, Mohammad; Akhtar, Juber; Rizvi, Aleza	CELL BIOLOGY INTERNATIONAL	FEB 2016	2016	40	2	196	203		https://doi.org/10.1002/cbin.10552	14	14	30254.5
Supramolecular architecture of organotin(IV) 4-hydroxypiperidine dithiocarbamates: Crystallographic, computational and Hirshfeld surface analyses	Yadav, Reena; Trivedi, Manoj; Chauhan, Ratna; Prasad, Rajendra; Kociok-Kohn, Gabriele; Kumar, Abhinav	INORGANICA CHIMICA ACTA	AUG 24 2016	2016	450		57	68		https://doi.org/10.1016/j.ica.2016.05.028	13	13	28137
On the stability and Hopf bifurcation of a prey-generalist predator system with independent age-selective harvesting	Jana, Debaldev; Pathak, Rachana; Agarwal, Manju	CHAOS SOLITONS & FRACTALS	FEB 2016	2016	83		252	273		https://doi.org/10.1016/j.chaos.2015.12.008	13	16	28138.5

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Synthesis and enhanced mechanical properties of MgO substituted hydroxyapatite: a bone substitute material	Gautam, C. R.; Kumar, Sunil; Biradar, Santoshkumar; Jose, Sujin; Mishra, Vijay Kumar	RSC ADVANCES	2016	2016	6	72	67565	67574		https://doi.org/10.1039/c6ra10839c	13	13	28137
Augmentation of arsenic enhances lipid yield and defense responses in alga Nannochloropsis sp.	Upadhyay, A. K.; Mandotra, S. K.; Kumar, N.; Singh, N. K.; Singh, Lav; Rai, U. N.	BIORESOURCE TECHNOLOGY	DEC 2016	2016	221		430	437		https://doi.org/10.1016/j.biortech.2016.09.061	12	13	26020
Pleiotropic effects of the vacuolar ABC transporter MLT1 of Candida albicans on cell function and virulence	Khandelwal, Nitesh Kumar; Kaemmer, Philipp; Foerster, Toni M.; Singh, Ashutosh; Coste, Alix T.; Andes, David R.; Hube, Bernhard; Sanglard, Dominique; Chauhan, Neeraj; Kaur, Rupinder; d'Enfert, Christophe; Mondal, Alok Kumar; Prasad, Rajendra	BIOCHEMICAL JOURNAL	JUN 1 2016	2016	473		1537	1552		https://doi.org/10.1042/BCJ20160024	12	15	26021
Thermal and optical study of semiconducting CNTs-doped nematic liquid crystalline material	Vimal, T.; Singh, D. P.; Gupta, S. K.; Pandey, S.; Agrahari, K.; Manohar, R.	PHASE TRANSITIONS	JUN 2016	2016	89	6	632	642		https://doi.org/10.1080/01411594.2015.1116530	12	12	26019.5
Influence of temperature on reproductive biology and phenotype of a ladybird, Menochilus sexmaculatus (Fabricius) (Coleoptera: Coccinellidae)	Dubey, A.; Omkar; Mishra, G.	JOURNAL OF THERMAL BIOLOGY	MAY 2016	2016	58		35	42		https://doi.org/10.1016/j.jtherbio.2016.03.011	12	13	26020
Differential response of genotype x environment on phenology, essential oil yield and quality of natural aroma chemicals of five Ocimum species	Patel, Rajendra P.; Singh, Rakshapal; Rao, B. R. Rajeswara; Singh, R. R.; Srivastava, Abhilasha; Lal, R. K.	INDUSTRIAL CROPS AND PRODUCTS	SEP 2016	2016	87		210	217		https://doi.org/10.1016/j.indcrop.2016.04.001	11		23896.5

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One pot synthesis of Curcumin-NSAIDs prodrug, spectroscopic characterization, conformational analysis, chemical reactivity, intramolecular interactions and first order hyperpolarizability by DFT method	Srivastava, Sangeeta; Gupta, Preeti; Sethi, Arun; Singh, Ranvijay Pratap	JOURNAL OF MOLECULAR STRUCTURE	AUG 5 2016	2016	1117		173	180		https://doi.org/10.1016/j.molstruc.2016.03.033	11	12	23902.5
Role of Gd ³⁺ ion on downshifting and upconversion emission properties of Pr ³⁺ , Yb ³⁺ co-doped YNbO ₄ phosphor and sensitization effect of Bi ³⁺ ion	Dwivedi, A.; Mishra, Kavita; Rai, S. B.	JOURNAL OF APPLIED PHYSICS	JUL 28 2016	2016	120	4			43102	https://doi.org/10.1063/1.4959156	11		23896.5
Superhalogens as building blocks of complex hydrides for hydrogen storage	Srivastava, Ambrish Kumar; Misra, Neeraj	ELECTROCHEMISTRY COMMUNICATIONS	JUL 2016	2016	68		99	103		https://doi.org/10.1016/j.elecom.2016.05.008	11	12	23902.5
Back-thrusting in Lesser Himalaya: Evidences from magnetic fabric studies in parts of Almora crystalline zone, Kumaun Lesser Himalaya	Agarwal, Amar; Agarwal, K. K.; Bali, R.; Prakash, Chandra; Joshi, Gaurav	JOURNAL OF EARTH SYSTEM SCIENCE	JUN 2016	2016	125	4	873	884		https://doi.org/10.1007/s12040-016-0699-5	11	11	23902
Hierarchical zinc oxide pomegranate and hollow sphere structures as efficient photoanodes for dye-sensitized solar cells	Chauhan, Ratna; Shinde, Manish; Kumar, Abhinav; Gosavi, Suresh; Amalnerkar, Dinesh P.	MICROPOROUS AND MESOPOROUS MATERIALS	MAY 15 2016	2016	226		201	208		https://doi.org/10.1016/j.micromeso.2015.11.054	11	11	23902
Dielectric and electro-optical properties of polymer-stabilized liquid crystal system	Pande, Mukti; Tripathi, Pankaj Kumar; Misra, Abhishek Kumar; Manohar, Shashwati; Manohar, Rajiv; Singh, Shri	APPLIED PHYSICS A- MATERIALS SCIENCE & PROCESSING	MAR 2016	2016	122	3			217	https://doi.org/10.1007/s00339-016-9749-8	11	14	23903.5
Tuning phase retardation behaviour of nematic liquid crystal using quantum dot	Gupta, Swadesh Kumar; Singh, Dharmendra Pratap; Manohar, Rajiv; Kumar, Sandeep	CURRENT APPLIED PHYSICS	JAN 2016	2016	16	1	79	82		https://doi.org/10.1016/j.cap.2015.08.014	11	13	23903
Synthesis of novel pregnane-diosgenin prodrugs via Ring A and Ring A connection: A combined experimental and theoretical studies	Sethi, Arun; Singh, Ranvijay Pratap; Shukla, Dolly; Singh, Praveer	JOURNAL OF MOLECULAR STRUCTURE	DEC 5 2016	2016	1125		616	623		https://doi.org/10.1016/j.molstruc.2016.07.020	10	10	21784.5

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Synthesis and Characterization of Nanostructured Magnesium Oxide: Insight from Solid-State Density Functional Theory Calculations	Singh, Neetu; Singh, Prabhat Kumar; Shukla, Anuradha; Singh, Satyendra; Tandon, Poonam	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	NOV 2016	2016	26	6	1413	1420		https://doi.org/10.1007/s10904-016-0411-x	10	10	21784.5
Experimental, DFT and molecular docking studies on 2-(2-mercaptophenylimino)-4-methyl-2H-chromen-7-ol	Singh, Ashok Kumar; Singh, Ravindra Kumar	JOURNAL OF MOLECULAR STRUCTURE	OCT 15 2016	2016	1122		318	323		https://doi.org/10.1016/j.molstruc.2016.06.001	10	10	21784.5
Structure and properties of Li@C-60-PF6 endofullerene complex	Srivastava, Ambrish Kumar; Kumar, Abhishek; Misra, Neeraj	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	OCT 2016	2016	84		524	529		https://doi.org/10.1016/j.physe.2016.06.021	10		21779.5
Evaluation of cytotoxic potential and apoptotic effect of a methanolic extract of Bauhinia racemosa Lam. against a human cancer cell line, HeLa	Rahman, Md. Azizur; Akhtar, Juber; Sahabjada; Arshad, Md.	EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE	AUG 2016	2016	8	4	513	518		https://doi.org/10.1016/j.eujim.2016.02.004	10	13	21786
Effect of donor and acceptor dopants on crystallization, microstructural and dielectric behaviors of barium strontium titanate glass ceramics	Yadav, Avadhesh Kumar; Gautam, C. R.; Singh, Prabhakar	JOURNAL OF ALLOYS AND COMPOUNDS	JUL 5 2016	2016	672		52	58		https://doi.org/10.1016/j.jallcom.2016.02.117	10	13	21786
Mn ²⁺ doped ZnS quantum dots in ferroelectric liquid crystal matrix: Analysis of new relaxation phenomenon, faster optical response, and concentration dependent quenching in photoluminescence	Singh, D. P.; Daoudi, A.; Gupta, S. K.; Pandey, S.; Vimal, T.; Manohar, R.; Kole, A. K.; Kumbhakar, P.; Kumar, A.	JOURNAL OF APPLIED PHYSICS	MAR 7 2016	2016	119	9			94101	https://doi.org/10.1063/1.4942663	10		21779.5
Synthesis, Microstructure and Dielectric Properties of (Sr,Bi)TiO ₃ Borosilicate Glass-Ceramics	Gautam, C. R.; Manpoong, C. W.; Gautam, S. S.; Singh, A. K.; Madheshiya, A.; Tamuk, M.	JOURNAL OF CERAMIC SCIENCE AND TECHNOLOGY	MAR 2016	2016	7	1	79	86		https://doi.org/10.4416/JCST2015-00035	10		21779.5
Nickel antimony oxide (NiSb ₂ O ₆): A fascinating nanostructured material for gas sensing application	Singh, Archana; Singh, Ajendra; Singh, Satyendra; Tandon, Poonam	CHEMICAL PHYSICS LETTERS	FEB 16 2016	2016	646		41	46		https://doi.org/10.1016/j.cplett.2016.01.005	10		21779.5

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Monitoring of genotoxic risks of nitrogen fertilizers by <i>Allium cepa</i> L. mitosis bioassay	Verma, Sonam; Arora, Kavita; Srivastava, Alka	CARYOLOGIA	2016	2016	69	4	343	350		https://doi.org/10.1080/00087114.2016.1226540	10	10	21784.5
Last male wins the egg fertilization fight: A case study in ladybird, <i>Menochilus sexmaculatus</i>	Chaudhary, Desh Deepak; Mishra, Geetanjali; Omkar	BEHAVIOURAL PROCESSES	OCT 2016	2016	131		1	8		https://doi.org/10.1016/j.beproc.2016.07.015	9	9	19667
Mathematical modeling and evaluation of new long single slope still for utilization of hot wastewater	Mishra, Dhananjay R.; Tiwari, Anil Kr.; Sodha, Mahendra Singh	APPLIED THERMAL ENGINEERING	SEP 5 2016	2016	108		353	357		https://doi.org/10.1016/j.applthermaleng.2016.07.153	9	11	19668
Luminescent sensing of a new 8-connected topological metal-organic framework	Wu, Yu; Wu, Weiping; Zou, Like; Feng, Jianshen; Gu, Chuying; Li, Baohong; Batten, Stuart R.; Yadav, Reena; Kumar, Abhinav	INORGANIC CHEMISTRY COMMUNICATIONS	AUG 2016	2016	70		160	163		https://doi.org/10.1016/j.inoche.2016.06.007	9	10	19667.5
Silver(I) and palladium(II) complexes of new pentamethylene-functionalized bis-imidazolium dication ligands and its application in Heck and Suzuki-Miyaura coupling reaction	Trivedi, Manoj; Bhaskaran; Singh, Gurmeet; Kumar, Abhinav; Rath, Nigam P.	INORGANICA CHIMICA ACTA	AUG 1 2016	2016	449		1	8		https://doi.org/10.1016/j.ica.2016.04.039	9	5	19665
Aluminum Activates PERK-EIF2 alpha Signaling and Inflammatory Proteins in Human Neuroblastoma SH-SY5Y Cells	Rizvi, Syed Husain Mustafa; Parveen, Arshiya; Ahmad, Israr; Ahmad, Iqbal; Verma, Anoop K.; Arshad, Md.; Mahdi, Abbas Ali	BIOLOGICAL TRACE ELEMENT RESEARCH	JUL 2016	2016	172	1	108	119		https://doi.org/10.1007/s12011-015-0553-7	9		19662.5
Interleukin-1 Gene Cluster Polymorphisms and Their Association with Coronary Artery Disease: Separate Evidences from the Largest Case-Control Study amongst North Indians and an Updated Meta-Analysis	Rai, Himanshu; Sinha, Nakul; Kumar, Sudeep; Sharma, Ajay Kumar; Agrawal, Suraksha	PLOS ONE	APR 14 2016	2016	11	4			e0153480	https://doi.org/10.1371/journal.pone.0153480	9	7	19666

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Monsoon variability over Peninsular India during Late Pleistocene: Signatures of vegetation shift recorded in terrestrial archive from the corridors of Western Ghats	Srivastava, Gaurav; Trivedi, Anjali; Mehrotra, R. C.; Paudyal, Khum N.; Limaye, Ruta B.; Kumaran, K. P. N.; Yadav, S. K.	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	FEB 1 2016	2016	443		57	65		https://doi.org/10.1016/j.palaeo.2015.11.045	9	9	19667
Disparity in maternal, newborn and child health services in high focus states in India: a district-level cross-sectional analysis	Awasthi, Ashish; Pandey, C. M.; Chauhan, Rajesh K.; Singh, Uttam	BMJ OPEN	2016	2016	6	8			e009885	https://doi.org/10.1136/bmjopen-2015-009885	9	11	19668
Stability versus aromaticity in mono-hydroxylated borazine, 1,2-azaborine and 1,3,2,4-diazadiborine	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	MOLECULAR PHYSICS	2016	2016	114	11	1763	1770		https://doi.org/10.1080/00268976.2016.1145749	9	9	19667
Ferrocenyl chalcones with phenolic and pyridyl anchors as potential sensitizers in dye-sensitized solar cells	Chauhan, Ratna; Yadav, Reena; Singh, Ashish Kumar; Trivedi, Manoj; Kociok-Kohn, Gabriele; Kumar, Abhinav; Gosavi, Suresh; Rane, Sunit	RSC ADVANCES	2016	2016	6	100	97664	97675		https://doi.org/10.1039/c6ra23034b	9	9	19667
Designing new electrolytic salts for Lithium Ion Batteries using superhalogen anions	Srivastava, Ambrish Kumar; Misra, Neeraj	POLYHEDRON	OCT 15 2016	2016	117		422	426		https://doi.org/10.1016/j.poly.2016.06.010	8	10	17550.5
Analysis on activation energy and humidity sensing application of nanostructured SnO ₂ -doped ZnO material	Misra, Suneet Kumar; Pandey, Narendra Kumar	SENSORS AND ACTUATORS A-PHYSICAL	OCT 1 2016	2016	249		8	14		https://doi.org/10.1016/j.sna.2016.08.012	8		17545.5
Preparation and characterization of nanocrystalline nickel ferrite thin films for development of a gas sensor at room temperature	Singh, Archana; Singh, Ajendra; Singh, Satyendra; Tandon, Poonam; Yadav, B. C.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	AUG 2016	2016	27	8	8047	8054		https://doi.org/10.1007/s10854-016-4802-0	8	7	17549

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A micromorphological record of contemporary and relict pedogenic processes in soils of the Indo-Gangetic Plains: implications for mineral weathering, provenance and climatic changes	Srivastava, Pankaj; Aruche, Manini; Arya, Ajay; Pal, Dilip K.; Singh, Lalan P.	EARTH SURFACE PROCESSES AND LANDFORMS	MAY 2016	2016	41	6	771	790		https://doi.org/10.1002/esp.3862	8	10	17550.5
CHEMICALLY SYNTHESIZED CDSE QUANTUM DOTS INHIBIT GROWTH OF HUMAN LUNG CARCINOMA CELLS VIA ROS GENERATION	Jigyasu, Aditya Kumar; Siddiqui, Sahabjada; Lohani, Mohatashim; Khan, Irfan Ali; Arshad, Md	EXCLI JOURNAL	2016	2016	15		54	63			8	10	17550.5
Spectroscopic, quantum chemical calculation and molecular docking of dipfluzine	Srivastava, Karnica; Srivastava, Anubha; Tandon, Poonam; Sinha, Kirti; Wang, Jing	JOURNAL OF MOLECULAR STRUCTURE	DEC 5 2016	2016	1125		751	762		https://doi.org/10.1016/j.molstruc.2016.07.078	7	7	15432
Biogenic terbium oxide nanoparticles as the vanguard against osteosarcoma	Iram, Sana; Khan, Salman; Ansary, Abu Ayoobul; Arshad, Mohd; Siddiqui, Sahabjada; Ahmad, Ejaz; Khan, Rizwan H.; Khan, Mohd Sajid	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	NOV 5 2016	2016	168		123	131		https://doi.org/10.1016/j.saa.2016.05.053	7	9	15433
Sedimentary characteristics of palaeolake deposits along the Indus River valley, Ladakh, Trans-Himalaya: Implications for the depositional environment	Nag, Debarati; Phartiyal, Binita; Sen Singh, Dhruv	SEDIMENTOLOGY	OCT 2016	2016	63	6	1765	1785		https://doi.org/10.1111/sed.12289	7	6	15431.5
Synthesis, spectroscopic characterization and crystallographic behavior of a biologically relevant novel indole-fused heterocyclic compound - Experimental and theoretical (DFT) studies	Sharma, Sakshi; Brahmachari, Goutam; Banerjee, Bubun; Nurjamal, Khondekar; Kumar, Abhishek; Srivastava, Ambrish Kumar; Misra, Neeraj; Pandey, Sarvesh Kumar; Rajnikant; Gupta, Vivek K.	JOURNAL OF MOLECULAR STRUCTURE	AUG 15 2016	2016	1118		344	355		https://doi.org/10.1016/j.molstruc.2016.04.038	7	7	15432
Isolation, structure elucidation and DFT study on two novel oligosaccharides from yak milk	Singh, Meenakshi; Kumar, Alok; Srivastava, Gaurav; Deepak, Desh; Singh, M. P. V. V.	JOURNAL OF MOLECULAR STRUCTURE	AUG 5 2016	2016	1117		69	78		https://doi.org/10.1016/j.molstruc.2016.03.065	7	7	15432

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The aromaticity and electronic properties of monosubstituted benzene, borazine and diazadiborane rings: an ab initio MP2 study	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	THEORETICAL CHEMISTRY ACCOUNTS	JUN 3 2016	2016	135	6			158	https://doi.org/10.1007/s00214-016-1918-5	7	8	15432.5
Changes in brain peptides associated with reproduction and energy homeostasis in photosensitive and photorefractory migratory redheaded buntings	Surbhi; Rastogi, Ashutosh; Malik, Shalie; Rani, Sangeeta; Kumar, Vinod	GENERAL AND COMPARATIVE ENDOCRINOLOGY	MAY 1 2016	2016	230		67	75		https://doi.org/10.1016/j.ygcn.2016.03.031	7	7	15432
Expedient synthesis of novel pregnane-NSAIDs prodrugs, XRD, stereochemistry of their C-20 derivatives by circular dichroism, conformational analysis, their DFT and TD-DFT studies	Singh, Ranvijay Pratap; Sharma, Sonia; Kant, Rajni; Amandeep; Singh, Praveer; Sethi, Arun	JOURNAL OF MOLECULAR STRUCTURE	FEB 5 2016	2016	1105		423	433		https://doi.org/10.1016/j.molstruc.2015.10.015	7	7	15432
Superbases and superacids form supersalts	Srivastava, Ambrish Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	JAN 16 2016	2016	644		1	4		https://doi.org/10.1016/j.cplett.2015.11.027	7	8	15432.5
The interplay of thiophilic and hydrogen bonding interactions in the supramolecular architecture of phenylmercury 4-hydroxypiperidine dithiocarbamate	Prasad, Rajendra; Yadav, Reena; Trivedi, Manoj; Kociok-Koehn, Gabriele; Kumar, Abhinav	JOURNAL OF MOLECULAR STRUCTURE	JAN 5 2016	2016	1103		265	270		https://doi.org/10.1016/j.molstruc.2015.10.001	7	7	15432
A computational study on molecular structure, multiple interactions, chemical reactivity and molecular docking studies on 6[D (-)-amino-phenyl-acetamido] penicillanic acid(ampicillin)	Shukla, Anuradha; Khan, Eram; Srivastava, Anubha; Tandon, Poonam; Sinha, Kirti	MOLECULAR SIMULATION	2016	2016	42	11	863	873		https://doi.org/10.1080/08927022.2015.1089996	7		15428.5
3,5,7-Trimethoxyphenanthrene-1,4-dione: a new biologically relevant natural phenanthrenequinone derivative from Dioscorea prazeri and studies on its single X-ray crystallographic behavior, molecular docking and other physico-chemical properties	Brahmachari, Goutam; Das, Saktipada; Biswas (Sinha), Maya; Kumar, Abhishek; Srivastava, Ambrish Kumar; Misra, Neeraj	RSC ADVANCES	2016	2016	6	9	7317	7329		https://doi.org/10.1039/c5ra21490d	7		15428.5

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(CH ₃ Br center dot center dot center dot NH ₃)@C-60: The effect of nanoconfinement on halogen bonding	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	OCT 1 2016	2016	662		240	243		https://doi.org/10.1016/j.cplett.2016.09.036	6		13311.5
Does regeneration ability influence reproductive fitness in <i>Menochilus sexmaculatus</i> (Coleoptera: Coccinellidae)?	Saxena, Swati; Mishra, Geetanjali; Omkar	JOURNAL OF ASIA-PACIFIC ENTOMOLOGY	SEP 2016	2016	19	3	829	834		https://doi.org/10.1016/j.aspen.2016.07.012	6	6	13314.5
Inhibitory kinetic spectrophotometric method for the quantitative estimation of D-penicillamine at micro levels	Agarwal, Abhinav; Prasad, Surendra; Naik, Radhey M.	MICROCHEMICAL JOURNAL	SEP 2016	2016	128		181	186		https://doi.org/10.1016/j.microc.2016.04.005	6	7	13315
A combined experimental and theoretical approach to study SmC -> N-cybc phase transition in a four-ring bent-core liquid crystal	Singh, Swapnil; Deb, Rahul; Chakraborty, Nirmalangshu; Singh, Harshita; Gupta, Vineet; Sinha, Kirti; Tandon, Poonam; Omelchenko, Myroslava; Rao, Nandiraju Venkata Satyanarayana; Ayala, Alejandro Pedro	NEW JOURNAL OF CHEMISTRY	AUG 2016	2016	40	8	6834	6847		https://doi.org/10.1039/c6nj00892e	6		13311.5
Novel Imbricatolic acid derivatives as protein tyrosine phosphatase-1B inhibitors: Design, synthesis, biological evaluation and molecular docking	Khan, Mohammad Faheem; Azad, Chandra Sourabh; Kumar, Ashok; Saini, Monika; Narula, Anudeep Kumar; Jain, Sudha	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	APR 15 2016	2016	26	8	1988	1992		https://doi.org/10.1016/j.bmcl.2016.03.003	6	5	13314
Structure elucidation of two novel yak milk oligosaccharides and their DFT studies	Singh, Ashish Kumar; Ranjan, Ashok Kr; Srivastava, Gaurav; Deepak, Desh	JOURNAL OF MOLECULAR STRUCTURE	MAR 15 2016	2016	1108		87	91		https://doi.org/10.1016/j.molstruc.2015.11.061	6	8	13315.5
Synthesis and Electrical Properties of (Pb,Bi)TiO ₃ Ceramics	Gautam, Chandkiram; Madheshiya, Abhishek; Sharma, Prabhuta; Dwivedi, Rakesh	INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY	MAR-APR 2016	2016	13	2	340	351		https://doi.org/10.1111/ijac.12481	6		13311.5

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Mating alters the rate of development of ovarioles in the ladybird, <i>Propylea dissecta</i> (Coleoptera: Coccinellidae)	Shahid, Mhd; Siddiqui, Arshi; Omkar; Mishra, Geetanjali	EUROPEAN JOURNAL OF ENTOMOLOGY	2016	2016	113		44	50		https://doi.org/10.14411/eje.2016.005	6	6	13314.5
Discovery of <i>Elephas cf. namadicus</i> from the Late Pleistocene strata of Marginal Ganga Plain	Ghosh, Rupa; Sehgal, R. K.; Srivastava, Pradeep; Shukla, U. K.; Nanda, A. C.; Singh, D. S.	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	NOV 2016	2016	88	5	559	568		https://doi.org/10.1007/s12594-016-0521-7	5	4	11196.5
Synthesis, Characterization and Gas Sensing Capability of $\text{Ni}_x\text{Cu}_{1-x}\text{Fe}_2\text{O}_4$ (0.0 accuracy sign x accuracy sign 0.8) Nanostructures Prepared via Sol-Gel Method	Singh, Archana; Singh, Ajendra; Singh, Satyendra; Tandon, Poonam; Yadav, R. R.	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	NOV 2016	2016	26	6	1392	1403		https://doi.org/10.1007/s10904-016-0428-1	5		11194.5
Epithelial plasticity in urothelial carcinoma: Current advancements and future challenges	Garg, Minal	WORLD JOURNAL OF STEM CELLS	AUG 26 2016	2016	8	8	260	267		https://doi.org/10.4252/wjsc.v8.i8.260	5		11194.5
Molecular interactions of formamide with 2-dimethylaminoethanol and 2-diethylaminoethanol: Physico-chemical study	Pandey, Vrijesh Kumar; Awasthi, Anjali; Srivastava, Reetesh; Awasthi, Aashees	JOURNAL OF MOLECULAR LIQUIDS	JUL 2016	2016	219		186	193		https://doi.org/10.1016/j.molliq.2016.03.003	5	6	11197.5
Hydrogenated superalkalis and their possible applications	Srivastava, Ambrish Kumar; Misra, Neeraj	JOURNAL OF MOLECULAR MODELING	JUN 2016	2016	22	6			122	https://doi.org/10.1007/s00894-016-2994-0	5	5	11197
Nuclear transition matrix elements for Majoron-accompanied neutrinoless double-beta decay within a projected-Hartree-Fock-Bogoliubov model	Rath, P. K.; Chandra, R.; Chaturvedi, K.; Lohani, P.; Raina, P. K.	PHYSICAL REVIEW C	FEB 16 2016	2016	93	2			24314	https://doi.org/10.1103/PhysRevC.93.024314	5		11194.5
Working out-of-phase with reference to chronotype compromises sleep quality in police officers	Yadav, Arjita; Rani, Sangeeta; Singh, Sudhi	CHRONOBIOLOGY INTERNATIONAL	FEB 7 2016	2016	33	2	151	160		https://doi.org/10.3109/07420528.2015.1121876	5		11194.5

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Combined spectroscopic and quantum chemical studies of ezetimibe	Prajapati, Preeti; Pandey, Jaya; Shimpi, Manishkumar R.; Srivastava, Anubha; Tandon, Poonam; Velaga, Sitaram P.; Sinha, Kirti	JOURNAL OF MOLECULAR STRUCTURE	DEC 5 2016	2016	1125		193	203		https://doi.org/10.1016/j.molstruc.2016.06.070	4	5	9080
Ponderomotive self-focusing of linearly polarized laser beam in magnetized quantum plasma	Rathore, N. S.; Kumar, P.	LASER AND PARTICLE BEAMS	DEC 2016	2016	34	4	764	771		https://doi.org/10.1017/S0263034616000689	4	4	9079.5
Some Geometric Properties of Analytic Functions Involving a New Fractional Operator	Sharma, Poonam; Raina, R. K.; Salagean, G. S.	MEDITERRANEAN JOURNAL OF MATHEMATICS	DEC 2016	2016	13	6	4591	4605		https://doi.org/10.1007/s00009-016-0764-y	4	5	9080
Some Geometric Properties of Analytic Functions Involving a New Fractional Operator	Misra, Suneet Kumar; Pandey, Narendra Kumar	JOURNAL OF MATERIALS RESEARCH	OCT 2016	2016	31	20	3214	3222		https://doi.org/10.1557/jmr.2016.322	4	5	9080
Study of phase transitions in a bent-core liquid crystal probed by infrared spectroscopy	Singh, Swapnil; Singh, Harshita; Srivastava, Anubha; Tandon, Poonam; Deb, Rahul; Debnath, Somen; Rao, N. V. S.; Ayala, A. P.	VIBRATIONAL SPECTROSCOPY	SEP 2016	2016	86		24	34		https://doi.org/10.1016/j.vibspec.2016.05.005	4	4	9079.5
Assessment of Antimicrobial Activity, Reactivity and Non-Linear Optical Properties of New Pyrazoline Derivatives having Pyrrole moiety	Rawat, Poonam; Singh, R. N.; Sahu, Sangeeta; Niranjana, Priyadarshni; Rani, Himanshu; Saxena, Rajat; Ahmad, Sartaj	CHEMISTRYSELECT	AUG 16 2016	2016	1	13	4008	4015		https://doi.org/10.1002/slct.201600826	4	3	9079
Synthesis, spectral analysis and quantum chemical studies on molecular geometry of (2E,6E)-2,6-bis(2-chlorobenzylidene) cyclohexanone: Experimental and theoretical approaches	Verma, Anil Kumar; Bishnoi, Abha; Fatma, Shaheen	JOURNAL OF MOLECULAR STRUCTURE	JUL 15 2016	2016	1116		9	21		https://doi.org/10.1016/j.molstruc.2016.02.077	4		9077.5
Modern pollen and its ecological relationships with the tropical deciduous forests of central Uttar Pradesh, India	Tripathi, Swati; Arya, Ajay K.; Basumatary, Sadhan K.; Bera, Samir K.	PALYNOLOGY	JUL 2016	2016	40	2	264	279		https://doi.org/10.1080/01916122.2015.1045049	4	7	9081

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PROBLEMATIC STRUCTURES FROM THE EDIACARAN JODHPUR SANDSTONE, RAJASTHAN, INDIA AND THEIR POSSIBLE AFFINITY	Kumar, S.; Ahmad, S.	JOURNAL OF THE PALAEOONTOLOGICAL SOCIETY OF INDIA	JUN 2016	2016	61	1	63	73			4	5	9080
Remarkable NLO responses of hyperalkalized species: the size effect and atomic number dependence	Srivastava, Ambrish Kumar; Misra, Neeraj	NEW JOURNAL OF CHEMISTRY	JUN 1 2016	2016	40	6	5467	5472		https://doi.org/10.1039/c6nj00584e	4	4	9079.5
Conflict between morphological and molecular data: A case study of Ficus krishnae (Moraceae)	Anand, Kumar K.; Jena, Satya N.; Chaudhary, Lal B.; Singh, Munna	PHYTOTAXA	FEB 19 2016	2016	247	2	143	147		https://doi.org/10.11646/phytotaxa.247.2.7	4	4	9079.5
Prediction of molecular properties and spectroscopic profile of Riluzole with different functionals (B3LYP, M06-2X, MPWLYP): A combined theoretical and experimental study	Shukla, Vikas K.; Sachan, Alok K.; Pathak, Shilendra K.; Srivastava, Ruchi; Prasad, Onkar; Sinha, Leena	JOURNAL OF MOLECULAR STRUCTURE	FEB 15 2016	2016	1106		265	276		https://doi.org/10.1016/j.molstruc.2015.10.088	4	4	9079.5
A thermodynamic and H-1 NMR spectroscopy study of binary mixtures of polyethylene glycol butyl ether (PEGBE) 206 with 1-Butanol and 2-(Methylamino) ethanol(MAE)	Kumar, Sudir; Sagar, Sangeeta; Gupta, Manisha	JOURNAL OF MOLECULAR LIQUIDS	FEB 2016	2016	214		306	312		https://doi.org/10.1016/j.molliq.2015.12.012	4		9077.5
M2X (M= Li, Na; X= F, Cl): the smallest superalkali clusters with significant NLO responses and electronegative characteristics	Srivastava, Ambrish Kumar; Misra, Neeraj	MOLECULAR SIMULATION	2016	2016	42	12	981	985		https://doi.org/10.1080/08927022.2015.1132840	4		9077.5
In vitro anti-proliferative and apoptotic effects of ethanolic extract of Cissus quadrangularis	Arshad, M.; Siddiqui, Sahabjada; Ali, Daoud	CARYOLOGIA	2016	2016	69	2	128	132		https://doi.org/10.1080/00087114.2015.1136542	4	5	9080
Synthesis and Electrocatalytic Properties of La _{1-x} Sr _x CoO ₃ (0 ≤ x ≤ 0.8) Film Electrodes for Oxygen Evolution in Alkaline Solutions	Yadav, Manish Kumar; Yadav, Ritu; Sharma, Priya; Singh, N. K.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	OCT 2016	2016	11	10	8633	8645		https://doi.org/10.20964/2016.10.01	3		6960.5
Seasonal Neuronal Plasticity in Song-Control and Auditory Forebrain Areas in Subtropical Nonmigratory and Palearctic-Indian Migratory Male Songbirds	Surbhi; Rastogi, Ashutosh; Malik, Shalie; Rani, Sangeeta; Kumar, Vinod	JOURNAL OF COMPARATIVE NEUROLOGY	OCT 1 2016	2016	524	14	2914	2929		https://doi.org/10.1002/cne.24000	3	3	6962

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On the Convolution of a Finite Number of Analytic Functions Involving a Generalized Srivastava-Attiya Operator	Sharma, Poonam; Raina, Ravinder Krishna; Sok, Janusz	MEDITERRANEAN JOURNAL OF MATHEMATICS	AUG 2016	2016	13	4	1535	1553		https://doi.org/10.1007/s00009-015-0588-1	3		6960.5
An intramolecular antiferromagnetically coupled pentanuclear Mn(II) cluster containing acetate and tetracarboxylate linkers: Synthesis, structure and magnetism	Wu, Jian; Liu, Wei-Cong; Wu, Xi-Ren; Liu, Jian-Qiang; Sakiyama, Hiroshi; Yadav, Reena; Kumar, Abhinav	JOURNAL OF MOLECULAR STRUCTURE	JUN 15 2016	2016	1114		7	12		https://doi.org/10.1016/j.molstruc.2016.02.049	3	3	6962
Identification and genetic characterization of chikungunya virus from Aedes mosquito vector collected in the Lucknow district, North India	Nyari, N.; Maan, H. S.; Sharma, S.; Pandey, S. N.; Dhole, T. N.	ACTA TROPICA	JUN 2016	2016	158		117	124		https://doi.org/10.1016/j.actatropica.2016.02.019	3	4	6962.5
Modification of ionospheric electron density by dust suspension	Srivastava, Sweta; Mishra, Rashmi; Sodha, Mahendra Singh	JOURNAL OF PHYSICS D-APPLIED PHYSICS	MAY 25 2016	2016	49	20			205503	https://doi.org/10.1088/0022-3727/49/20/205503	3	3	6962
Inbreeding avoidance in aphidophagous ladybird beetles: a case study in Menochilus sexmaculatus	Saxena, Swati; Mishra, Geetanjali; Omkar	CANADIAN JOURNAL OF ZOOLOGY	MAY 2016	2016	94	5	361	365		https://doi.org/10.1139/cjz-2015-0174	3	3	6962
BO ₂ -functionalized B ₃ N ₃ C ₅₄ Heterofullerene as a Possible Candidate for Molecular Spintronics and Nonlinear Optics	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	MATERIALS RESEARCH EXPRESS	APR 2016	2016	3	4			45008	https://doi.org/10.1088/2053-1591/3/4/045008	3		6960.5
Effect of molybdenum stress on growth, yield and seed quality in black gram	Gopal, Rajeev; Sharma, Yogesh K.; Shukla, Arvind K.	JOURNAL OF PLANT NUTRITION	MAR 20 2016	2016	39	4	463	469		https://doi.org/10.1080/01904167.2015.1016176	3	3	6962
Effect of a novel nonlinearity, viz., electron temperature dependence of electron-ion recombination on electromagnetic wave. Plasma interaction: Nonlinear propagation in the E-layer	Sodha, Mahendra Singh; Mishra, Rashmi; Srivastava, Sweta	PHYSICS OF PLASMAS	MAR 2016	2016	23	3			32307	https://doi.org/10.1063/1.4943873	3	3	6962

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New Record of Coralline Algae from the Holocene Sediments of Agatti Island, Lakshadweep, India	Misra, Utkarsh; Kishore, S.; Singh, S. K.; Misra, P. K.; Jauhri, A. K.	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	MAR 2016	2016	87	3	308	316			3	3	6962
Ab initio investigations on planar (MgO)(n) clusters (n=1-5) and their hydrogen adsorption behaviour	Srivastava, Ambrish Kumar; Misra, Neeraj	MOLECULAR SIMULATION	FEB 11 2016	2016	42	3	208	214		https://doi.org/10.1080/08927022.2015.1032278	3		6960.5
Fluorescent dye doped ferroelectric liquid crystal: An anchoring energy, electro-optical and fluorescence study	Misra, Abhishek Kumar; Tripathi, Pankaj Kumar; Manohar, Rajiv	JOURNAL OF MOLECULAR LIQUIDS	FEB 2016	2016	214		418	421		https://doi.org/10.1016/j.molliq.2015.12.083	3	4	6962.5
Effect of photoperiod on slow and fast developing individuals in aphidophagous ladybirds, <i>Menochilus sexmaculatus</i> and <i>Propylea dissecta</i> (Coleoptera: Coccinellidae)	Singh, Neha; Mishra, Geetanjali; Omkar	INSECT SCIENCE	FEB 2016	2016	23	1	117	133		https://doi.org/10.1111/1/1744-7917.12182	3	4	6962.5
Combine experimental and theoretical investigation on an alkaloid-Dimethylisoborreverine	Singh, Swapnil; Singh, Harshita; Karthick, T.; Agarwal, Parag; Erande, Rohan D.; Dethé, Dattatraya H.; Tandon, Poonam	JOURNAL OF MOLECULAR STRUCTURE	JAN 5 2016	2016	1103		187	201		https://doi.org/10.1016/j.molstruc.2015.09.021	3	3	6962
Role of sulfur nutrition in plant and seed metabolism of <i>Glycine max</i> L.	Chandra, Neelam; Pandey, Nalini	JOURNAL OF PLANT NUTRITION	2016	2016	39	8	1103	1111		https://doi.org/10.1080/01904167.2016.1143495	3	5	6963
SYNTHESIS, HIRSHFELD SURFACE ANALYSES AND MAGNETISM OF A 1D Mn(II) COMPLEX	Lu, Lu; Wang, Jun; Wu, Wei-Ping; Wu, Xi-Ren; Kumar, Abhinav	BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA	2016	2016	30	1	111	118		https://doi.org/10.4314/bcse.v30i1.10	3	3	6962
Perceived prey quantity modulates oviposition in the ladybird <i>Menochilus sexmaculatus</i>	Singh, Shashwat; Mishra, Geetanjali; Omkar	JOURNAL OF ETHOLOGY	JAN 2016	2016	34	1	59	64		https://doi.org/10.1007/s10164-015-0446-4	3	3	6962

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Threading: A novel insilico indagation method for genetic characterization of some diplostomoid metacercariae (Digenea:Diplostomidae Poirier, 1886)	Rajvanshi, Saroj; Choudhary, Kirti; Agrawal, Nirupama	EXPERIMENTAL PARASITOLOGY	DEC 2016	2016	171		71	76		https://doi.org/10.1016/j.exppara.2016.10.013	2	2	4844.5
Two New Species of the Monogenoid Genus Cornudiscoides Kulkarni, 1969 from Naked Catfish Sperata aor (Hamilton, 1822): Specialist or Generalist?	Agrawal, Nirupama; Rajvanshi, Saroj; Verma, Jyoti	PAKISTAN JOURNAL OF ZOOLOGY	DEC 2016	2016	48	6	1687	1693			2	2	4844.5
Modified photoluminescence and photodetection characteristics of chemically grown SnO coated ZnO nanoneedles	Bayan, Sayan; Mishra, Sheo K.; Satpati, Biswarup; Srivastava, Rajneesh K.; Shukla, Rajesh Kumar; Chakraborty, Purushottam	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	NOV-DEC 2016	2016	34	6			61201	https://doi.org/10.1116/1.4963195	2	1	4844
Synthesis of arylated and aminated naphthalenes and their synthetic applications for aza-heterocycles	Singh, Surjeet; Shaw, Ranjay; Shally; Chaudhary, Sandeep; Kumar, Abhinav; Pratap, Ramendra	TETRAHEDRON	OCT 13 2016	2016	72	41	6436	6443		https://doi.org/10.1016/j.tet.2016.08.044	2	2	4844.5
Efficacy of Yoga on requirement of rescue inhaled medication in asthma patients	Agnihotri, Shruti; Kant, Surya; Mishra, S. K.; Mishra, R. K.	INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE	OCT 2016	2016	15	4	675	679			2	7	4847
Biomonitoring of air pollution using antioxidative enzyme system in two genera of family Pottiaceae (Bryophyta)	Bansal, Pooja; Verma, Sonam; Srivastava, Alka	ENVIRONMENTAL POLLUTION	SEP 2016	2016	216		512	518		https://doi.org/10.1016/j.envpol.2016.06.003	2	2	4844.5
Genetic and Chemical Profiling of Gymnema sylvestre Accessions from Central India: Its Implication for Quality Control and Therapeutic Potential of Plant	Verma, Ashutosh Kumar; Dhawan, Sunita Singh; Singh, Seema; Bharati, Kumar Avinash; Jyotsana	PHARMACOGNOSY MAGAZINE	JUL 2016	2016	12	47	S407	S413		https://doi.org/10.4103/0973-1296.191443	2	2	4844.5
Timed food availability affects circadian behavior but not the neuropeptide Y expression in Indian weaverbirds exposed to atypical light environment	Singh, Devraj; Trivedi, Neerja; Malik, Shalie; Rani, Sangeeta; Kumar, Vinod	PHYSIOLOGY & BEHAVIOR	JUL 1 2016	2016	161		81	89		https://doi.org/10.1016/j.physbeh.2016.04.017	2	3	4845

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Optical and sensing properties of Fe doped ZnO nanocrystalline thin films	Shukla, R. K.; Srivastava, Anchal; Kumar, Nishant; Pandey, Akhilesh; Pandey, Mamta	MATERIALS SCIENCE-POLAND	JUN 2016	2016	34	2	354	361		https://doi.org/10.1515/msp-2016-0039	2	4	4845.5
Slow and fast development in two aphidophagous ladybirds on scarce and abundant prey supply	Singh, N.; Mishra, G.; Omkar	BULLETIN OF ENTOMOLOGICAL RESEARCH	JUN 2016	2016	106	3	347	358		https://doi.org/10.1017/S0007485316000080	2	2	4844.5
Synthesis and optical properties of SiO ₂ -Al ₂ O ₃ -MgO-K ₂ CO ₃ -CaO-MgF ₂ -La ₂ O ₃ glasses	Gautam, C. R.	BULLETIN OF MATERIALS SCIENCE	JUN 2016	2016	39	3	677	682		https://doi.org/10.1007/s12034-016-1197-8	2		4843.5
Enhanced terahertz radiation generation by two-color laser pulses propagating in plasma	Verma, N. K.; Jha, P.	LASER AND PARTICLE BEAMS	JUN 2016	2016	34	2	378	383		https://doi.org/10.1017/S0263034616000173	2	2	4844.5
Spectroscopic and electronic structure calculation of a potential antibacterial agent incorporating pyrido-dipyrimidine-dione moiety using first principles	Fatma, Shaheen; Bishnoi, Abha; Singh, Vineeta; Al-Omary, Fatmah A. M.; El-Emam, Ali A.; Pathak, Shilendra; Srivastava, Ruchi; Prasad, Onkar; Sinha, Leena	JOURNAL OF MOLECULAR STRUCTURE	APR 15 2016	2016	1110		128	137		https://doi.org/10.1016/j.molstruc.2016.01.054	2	2	4844.5
Food resource exploitation in ladybirds: consequences of prey species and size	Chaudhary, Desh Deepak; Kumar, Bhupendra; Mishra, Geetanjali; Omkar	CURRENT SCIENCE	APR 10 2016	2016	110	7	1343	1349			2	1	4844
Structures and basicity of LiNOH (N=1-5) species	Srivastava, Ambrish Kumar; Misra, Neeraj	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	APR 5 2016	2016	116	7	524	528		https://doi.org/10.1002/qua.25075	2		4843.5
Efficacy of yoga in mild to moderate persistent chronic bronchial asthma	Agnihotri, Shruti; Kant, Surya; Mishra, S. K.; Singh, Renu	INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE	APR 2016	2016	15	2	337	340			2	8	4847.5

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Dielectric Relaxation Spectroscopy of Liquid Crystal in Nematogenic Mesophase	Tripathi, Pankaj Kumar; Manohar, Rajiv; Singh, Shri	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	MAR 22 2016	2016	626	1	160	168		https://doi.org/10.1080/15421406.2015.1106297	2	2	4844.5
Synthesis and biological studies of thiol derivatives containing imidazole moiety	Gupta, Sarita; Verma, Purnima; Singh, Virendra	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	MAR 2016	2016	55	3	362	367			2	4	4845.5
Antimicrobial activity, structural evaluation and vibrational (FT-IR and FT-Raman) study of pyrrole containing vinyl derivatives	Singh, R. N.; Rawat, Poonam; Sahu, Sangeeta; Kumar, Yashvinder	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	FEB 5 2016	2016	154		47	57		https://doi.org/10.1016/j.saa.2015.09.032	2	2	4844.5
Nano-doped weakly polar versus highly polar liquid crystal	Pandey, Kamal Kumar; Misra, Abhishek Kumar; Manohar, Rajiv	APPLIED NANOSCIENCE	FEB 2016	2016	6	2	141	148		https://doi.org/10.1007/s13204-015-0423-9	2	1	4844
Two novel steroidal derivatives from chloroform-soluble extract of Hoya longifolia	Srivastava, Pawan K.; Gupta, Mukul R.; Khare, Naveen K.	NATURAL PRODUCT RESEARCH	JAN 17 2016	2016	30	2	199	205		https://doi.org/10.1080/14786419.2015.1052066	2	2	4844.5
One-pot and step-wise synthesis of thieno[3,2-c] pyridin-4-ones	Sahu, Satya Narayan; Singh, Surjeet; Shaw, Ranjay; Shally, Ram, Vishnu Ji; Pratap, Ramendra	RSC ADVANCES	2016	2016	6	88	85515	85520		https://doi.org/10.1039/c6ra17315b	2		4843.5
Study on Pyrrole 4-Pyrazoline Derivatives: Experimental and Quantum Chemical Approaches	Singh, R. N.; Rawat, Poonam; Baboo, Vikas	AUSTRALIAN JOURNAL OF CHEMISTRY	2016	2016	69	6	672	682		https://doi.org/10.1071/CH15208	2	2	4844.5
Physiological and biochemical effects of boron toxicity in mustard during the seedling stage	Archana; Pandey, N.	JOURNAL OF PLANT NUTRITION	2016	2016	39	6	820	827		https://doi.org/10.1080/01904167.2015.1047523	2	3	4845

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Some characteristic properties of analytic functions	Raina, R. K.; Sharma, Poonam; Salagean, G. S.	ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA	2016	2016	24	1	353	369		https://doi.org/10.1515/auom-2016-0021	2	2	4844.5
Syntheses, Hirshfeld Surface Analyses, and Luminescence of Four New Complexes	Wu, W. P.; Wang, J.; Lu, L.; Xie, B.; Wu, Y.; Kumar, A.	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	JAN 2016	2016	42	1	71	80		https://doi.org/10.1134/S1070328416010085	2	2	4844.5
Annual life-history dependent seasonal differences in neural activity of the olfactory system between non-migratory and migratory songbirds	Rastogi, Ashutosh; Surbhi; Malik, Shalie; Rani, Sangeeta; Kurnar, Vinod	BEHAVIOURAL BRAIN RESEARCH	JAN 1 2016	2016	296		233	239		https://doi.org/10.1016/j.bbr.2015.09.019	2	2	4844.5
A facile approach for the synthesis of indenoimidazole derivatives and their supramolecular study	Ghalib, Raza Murad; Mehdi, Sayed Hasan; Hashim, Rokiah; Alshahateet, F.; Sulaiman, Othman	JOURNAL OF CHEMICAL SCIENCES	DEC 2016	2016	128	12	1841	1847		https://doi.org/10.1007/s12039-016-1181-2	1	1	2727
Spectroscopic analyses, intra-molecular interaction, chemical reactivity and molecular docking of imerubrine into bradykinin receptor	Srivastava, Ambrish Kumar; Kumar, Abhishek; Pandey, Sarvesh Kumar; Misra, Neeraj	MEDICINAL CHEMISTRY RESEARCH	DEC 2016	2016	25	12	2832	2841		https://doi.org/10.1007/s00044-016-1710-z	1	1	2727
Strategy to Construct Stair-Shaped Partially Reduced Naphtho[1,2-b]pyrano[2,3-d]oxepines and Dinaphtho[1,2-b,d]oxepines	Gautam, Sanjay K.; Maurya, Hardesh K.; Pratap, Ramendra; Kumar, Brijesh; Kumar, Abhinav; Tandon, Vishnu K.; Ram, Vishnu Ji	JOURNAL OF HETEROCYCLIC CHEMISTRY	NOV 2016	2016	53	6	2070	2078		https://doi.org/10.1002/jhet.2342	1	1	2727
Osteocalcin HindIII gene polymorphism not associated with bone mineral density-A study in North Indian postmenopausal osteoporotic women	IsrarAlunad; Jafar, Tabrez; Mandi, Farzana; Arshad, Md; Das, Siddharth Kumar; Waliullah, Shah; Rizvi, Imran; Mandi, Abbas Ali	INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY	NOV 2016	2016	54	11	788	793			1		2726.5

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Citrus Functional Genomics and Molecular Modeling in Relation to Citrus sinensis (Sweet Orange) Infection with Xylella fastidiosa (Citrus Variegated Chlorosis)	Dwivedi, Upendra N.; Tiwari, Sameeksha; Prasanna, Pragya; Awasthi, Manika; Singh, Swati; Pandey, Veda P.	OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY	AUG 2016	2016	20	8	485	490		https://doi.org/10.1089/omi.2016.0062	1	1	2727
Effects of prey resource fluctuation on predation attributes of two sympatric Coccinellidae (Coleoptera)	Chaudhary, Desh Deepak; Kumar, Bhupendra; Mishra, Geetanjali; Omkar	CANADIAN ENTOMOLOGIST	AUG 2016	2016	148	4	443	451		https://doi.org/10.4039/tce.2015.73	1	2	2727.5
CORALLINE ALGAL AND LARGER FORAMINIFERAL FACIES IN THE PRANG FORMATION (MIDDLE-UPPER EOCENE), JAINTIA HILLS, MEGHALAYA, NE INDIA	Jauhri, A. K.; Kishore, S.; Singh, A. P.; Singh, S. K.; Misra, P. K.; Tiwari, R. P.	JOURNAL OF THE PALAEONTOLOGICAL SOCIETY OF INDIA	JUN 2016	2016	61	1	99	109			1	1	2727
Mixed Metal Mixed Ligand Complexation Equilibria of Transition Metal Ions Involving Nitrotriacetic Acid (NTA) and L-2-Amino-3-Methyl Butanoic Acid (Valine)	Shankar, Vijay; Singh, Dharmveer; Verma, Shalini; Krishna, Vijay	NATIONAL ACADEMY SCIENCE LETTERS-INDIA	JUN 2016	2016	39	3	185	189		https://doi.org/10.1007/s40009-016-0432-6	1		2726.5
Survey of Neurological Disorders in Children Aged 9-15 Years in Northern India	Kumar, Rashmi; Bhave, Anupama; Bhargava, Roli; Agarwal, G. G.	JOURNAL OF CHILD NEUROLOGY	APR 2016	2016	31	5	573	583		https://doi.org/10.1177/0883073815604222	1	1	2727
Semiochemical profile of four aphidophagous Indian Coccinellidae (Coleoptera)	Pattanayak, Rojalin; Mishra, Geetanjali; Chanotiya, Chandan Singh; Rout, Prasant Kumar; Mohanty, Chandra Sekhar; Omkar	CANADIAN ENTOMOLOGIST	APR 2016	2016	148	2	171	186		https://doi.org/10.4039/tce.2015.45	1	2	2727.5
Conformational search, spectral analysis and electronic properties of 5-(4-Pyridinyl)-1,3,4-thiadiazol-2-amine	Shukla, Vikas K.; Al-Aishaikh, Monirah A.; El-Emam, Ali A.; Sachan, Alok K.; Srivastava, Ruchi; Prasad, Onkar; Sinha, Leena	JOURNAL OF MOLECULAR STRUCTURE	MAR 15 2016	2016	1108		112	125		https://doi.org/10.1016/j.molstruc.2015.11.077	1	1	2727

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Revisiting the Delphinium viscosum Hook. f. & Thoms. (Ranunculaceae) complex in the Himalaya	Agnihotri, Priyanka; Husain, Danish; Singh, Harsh; Husain, Tariq	TAIWANIA	MAR 2016	2016	61	1	16	20		https://doi.org/10.6165/tai.2016.61.16	1		2726.5
Mapping of arsenic contamination severity in Bahraich district of Ghagra basin, Uttar Pradesh, India	Mehrotra, Amit; Mishra, A.; Tripathi, R. M.; Shukla, Naveen	GEOMATICS NATURAL HAZARDS & RISK	JAN 2 2016	2016	7	1	101	112		https://doi.org/10.1080/19475705.2013.871354	1	3	2728
Electrocatalytic Properties of Egg-white Sol-gel Derived Mn _x Fe _{3-x} O ₄ (0 ≤ x ≤ 1.5) for Alkaline Water Electrolysis	Singh, N. K.; Yadav, Ritu; Yadav, M. K.	JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS	2016	2016	19	4	209	215		https://doi.org/10.14447/jnmes.v19i4.281	1		2726.5
Reproductive biology of the freshwater murrelet Channa punctatus (Bloch, 1793) from River Gomti of Lucknow region, Uttar Pradesh, India	Kashyap, Ankur; Awasthi, Madhu; Serajuddin, M.	INDIAN JOURNAL OF FISHERIES	2016	2016	63	3	126	130		https://doi.org/10.21077/ijf.2016.63.3.48294-18	1	1	2727
Endogenously entrained life events of Parthenium beetle, Zygogramma bicolorata Pallister (Coleoptera: Chrysomelidae)	Afaq, Uzma; Omkar	BIOLOGICAL RHYTHM RESEARCH	2016	2016	47	6	885	896		https://doi.org/10.1080/09291016.2016.1207369	1	1	2727
Density Fluctuations Due To Raman Forward Scattering In Quantum Plasma	Kumar, Punit; Singh, Shiv; Rathore, Nisha Singh	INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC 2015)	2016	2016	1728				UNSP 020682	https://doi.org/10.1063/1.4946733	1		2726.5
Aluminum Induces ER Stress-Mediated Neuro-Inflammation in Human Neuroblastoma SH-SY5Y Cells: Implication of Oxidative Stress and Apoptosis	Rizvi, S. H. M.; Parveen, A.; Ahmad, I.; Ahmad, I.; Arshad, M. D.; Verma, A. K.; Mahdi, A. A.	INTERNATIONAL JOURNAL OF TOXICOLOGY	JAN-FEB 2016	2016	35	1	54	55			1		2726.5
Microwave directed metal-free regioselective synthesis of 1,2-teraryls and study of supramolecular interactions	Singh, Surjeet; Shally; Shaw, Ranjay; Yadav, Reena; Kumar, Abhinav; Pratap, Ramendra	RSC ADVANCES	2016	2016	6	18	14768	14777		https://doi.org/10.1039/c5ra25752b	1	1	2727

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Evolving trends in plant-based drug discovery	Lavania, Umesh C.	Plant Genetic Resources-Characterization and Utilization	DEC 2016	2016	14	4	243	245		https://doi.org/10.1017/S147926211600037X	0		609.5
Iron plays a critical role in stomatal closure in cauliflower	Sharma, Parma N.; Tripathi, Alka; Kumar, Nikhil; Gupta, Supriya; Kumar, Praveen; Chatterjee, Joba; Tewari, Rajesh K.	ENVIRONMENTAL AND EXPERIMENTAL BOTANY	NOV 2016	2016	131		68	76		https://doi.org/10.1016/j.envexpbot.2016.07.001	0		609.5
Immunogenicity of a plasmid DNA vaccine encoding 42 kDa fragment of Plasmodium vivax merozoite surface protein-1	Sheikh, Inayat Hussain; Kaushal, Deep C.; Chandra, Deepak; Kaushal, Nuzhat A.	ACTA TROPICA	OCT 2016	2016	162		66	74		https://doi.org/10.1016/j.actatropica.2016.06.013	0		609.5
CELL FREE PLASMA DNA IN MATERNAL PLASMA AS A PREDICTIVE MARKER FOR PREGNANCY ASSOCIATED COMPLICATIONS	Misra, Deepika; Yadav, Sonali; Singh, Renu; Banerjee, Monisha	JOURNAL OF HYPERTENSION	SEP 2016	2016	34		E309	E309		https://doi.org/10.1097/01.hjh.000500754.10991.4b	0		609.5
ASSOCIATION OF TCF7L2 AND PPAR γ GENE VARIANTS WITH TYPE 2 DIABETES MELLITUS IN NORTH INDIAN POPULATION	Verma, Sushma; Srivastava, Neena; Banerjee, Monisha	JOURNAL OF HYPERTENSION	SEP 2016	2016	34		E139	E140		https://doi.org/10.1097/01.hjh.000500259.57616.2a	0		609.5
Checking T and CPT violation with sterile neutrino	Pant, Yogita; Diwakar, Sujata; Singh, Jyotsna; Singh, R. B.	NUCLEAR PHYSICS B	AUG 2016	2016	909		1079	1103		https://doi.org/10.1016/j.nuclphysb.2016.05.021	0		609.5

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Fabrication and characterization of nanostructured (Sn-Ti)O ₂ pellets and films for liquefied petroleum gas sensing	Yadav, B. C.; Verma, Nidhi; Shukla, Tripti; Singh, Satyendra; Sabhajeet, S. R.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	AUG 2016	2016	27	8	7852	7863		https://doi.org/10.1007/s10854-016-4776-y	0		609.5
Watershed management on land use/land cover dynamics in semi-arid watershed, Central India	Khanday, Mohd Yousuf; Khan, Imran; Javed, Akram	ARABIAN JOURNAL OF GEOSCIENCES	MAY 2016	2016	9	6			458	https://doi.org/10.1007/s12517-016-2478-7	0		609.5
Synthesis of 4-((1E, 6E)-7-(4-hydroxy-3-methoxyphenyl)-3, 5-dioxohepta-1, 6-dienyl)-2-methoxyphenyl 4-fluorobenzoate, a novel monoester derivative of curcumin, its experimental and theoretical (DFT) studies	Srivastava, Sangeeta; Gupta, Preeti; Amandeep; Singh, Ranvijay Pratap	JOURNAL OF MOLECULAR STRUCTURE	APR 5 2016	2016	1109		58	66		https://doi.org/10.1016/j.molstruc.2015.12.029	0		609.5
A single Higgs-like interacting scalar field and the role of late-time acceleration in BICEP2 data	Verma, M. M.	NUCLEAR AND PARTICLE PHYSICS PROCEEDINGS	APR-JUN 2016	2016	273		2360	2362		https://doi.org/10.1016/j.nuclphysbps.2015.09.391	0		609.5
Reducing viscosity of molasses and massecuite with pulsed magnetic field (PMF)	Singh, Kaman; Chandra, Bhuwan; Gupta, Satya Prakash	INTERNATIONAL SUGAR JOURNAL	APR 2016	2016	118	1408	268	270			0		609.5
Diel rhythmicity of an echinostome cercaria (Cercaria beaveri Pandey & Agrawal, 1977)	Ray, Shailendra; Agrawal, Nirupama	BIOLOGICAL RHYTHM RESEARCH	MAR 3 2016	2016	47	2	227	232		https://doi.org/10.1080/09291016.2015.1103944	0		609.5
Tailoring of cholesteric plane spacing, dielectric relaxation and optical properties of high temperature chiral nematic phase by UV irradiation	Singh, Dharmendra Pratap; Vimal, Tripti; Gupta, Swadesh Kumar; Tripathi, Prachi; Varia, M. C.; Kumar, Sandeep; Manohar, Shashwati; Manohar, Rajiv	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	JAN 22 2016	2016	625	1	1	10		https://doi.org/10.1080/15421406.2015.1044714	0		609.5

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D Allele Frequency in Insertion/Deletion Polymorphism of the Angiotensin Converting Enzyme (ACE) Gene is Associated with Development of Breast Cancer Risk in Indian Women	Kumar, Shashank; Hussain, Syed Rizwan; Waseem, Mohammad; Mahdi, Farzana; Bansal, Cherry; Ahmad, Mohammad Kaleem	CURRENT PROTEOMICS	2016	2016	13	4	297	304		https://doi.org/10.2174/1570164613666160902125913	0	1	610
Can boron nitride analog of carbon nanoneedle exist?	Srivastava, Ambrish Kumar; Misra, Neeraj	MAIN GROUP CHEMISTRY	2016	2016	15	3	191	196		https://doi.org/10.3233/MGC-150198	0		609.5
Structural, Electronic Properties, Hydrogen Bonding Analyses, and Biological Activity of Two Multiple Myeloma Drugs: Lenalidomide and Pomalidomide	Srivastava, Ambrish Kumar; Pandey, Anoop Kumar; Pandey, Saurabh; Misra, Neeraj	POLYCYCLIC AROMATIC COMPOUNDS	2016	2016	36	4	452	466		https://doi.org/10.1080/10406638.2015.1011286	0		609.5
Characterization of Nanocomposites of WO ₃ -SnO ₂ and Its Application as a Moisture Sensors	Roy, Akash; Pandey, N. K.; Sakya, Vandna; Misra, Suneet; Singh, Sanchita; Kumar, Anoop; Kumar, Alok	ADVANCED SCIENCE LETTERS	JAN 2016	2016	22	1	188	192		https://doi.org/10.1166/asl.2016.6795	0		609.5
Optical Studies of Pure Te ₉₀ Se ₁₀ and Se ₉₀ Te ₁₀ Chalcogenide	Verma, Arvind Kumar; Kumar, Nishant; Srivastava, Anchal; Shukla, R. K.	DAE SOLID STATE PHYSICS SYMPOSIUM 2015	2016	2016	1731				70033	https://doi.org/10.1063/1.4947865	0		609.5
Seasonal trend in movement directions at dawn and dusk: a study on crow and white herons	Kumar, Raj; Singh, Devraj; Rani, Sangeeta; Malik, Shalie	BIOLOGICAL RHYTHM RESEARCH	2016	2016	47	4	553	559		https://doi.org/10.1080/09291016.2016.1164282	0		609.5
Remote sensing of D-region ionosphere using multimode twecks	Singh, A. K.; Verma, U. P.; Singh, R.; Lichtenberger, J.	INDIAN JOURNAL OF PHYSICS	JAN 2016	2016	90	1	1	7		https://doi.org/10.1007/s12648-015-0727-3	0	1	610
Synthesis and Optical Studies of Chemically Synthesized PPy/Al ₂ O ₃ Nanocomposites	Bahadur, Indra; Mishra, Sheo K.; Tripathi, Akhilesh; Shukla, R. K.	INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC 2015)	2016	2016	1728				UNSP 020041	https://doi.org/10.1063/1.4946091	0		609.5

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Harmonic Generation In Magnetized Quantum Plasma	Kumar, Punit; Singh, Shiv; Singh, Abhisek Kumar	INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC 2015)	2016	2016	1728				UNSP 020173	https://doi.org/10.1063/1.4946224	0	1	610
Functional attributes of evolutionary conserved Arg45 of Wolbachia (Brugia malayi) translation initiation factor-1	Nag, Jeetendra Kumar; Chahar, Dhanvantri; Shrivastava, Nidhi; Gupta, Chhedi Lal; Bajpai, Preeti; Chandra, Deepak; Misra-Bhattacharya, Shailja	FUTURE MICROBIOLOGY	2016	2016	11	2	195	214		https://doi.org/10.2217/fmb.15.135	0		609.5
Effects of Thermophoresis, Dufour, Hall and Radiation on an Unsteady MHD Flow past an Inclined Plate with Viscous Dissipation, Chemical Reaction and Heat Absorption and Generation	Pandya, N.; Shukla, A. K.	JOURNAL OF APPLIED FLUID MECHANICS	JAN 2016	2016	9	1	475	485			0	1	610
Quantum chemical studies on cocsuline using density functional theory and its docking into dihydrofolate reductase receptor	Srivastava, Ambrish Kumar; Kumar, Abhishek; Misra, Neeraj	MAIN GROUP CHEMISTRY	2016	2016	15	2	97	106		https://doi.org/10.3233/MGC-150187	0		609.5