

**FORTHCOMING PAPERS (As on 16th
March 2019)
February issue is published**

Sr. No	Issue	Published ONLINE	Ref.No.	Title	Corresponding Author	Email id	Institution	Date submitted	Handling Editor	Date of acceptance
1.	MARCH	Published online 10.1007/s12039-019-1592-y	JCSC-D-18-01268	A novel 1,2,3-benzotriazolium based ionic liquid monomer for preparation of MMT/poly ionic liquid (PIL) pH sensitive positive charge nanocomposites	Mohammad Galehassadi	mgalehassadi@yahoo.com	Azarbaijan Shahid Madani University Faculty of Engineering IRAN	28 Oct	S. Natarajan	2 Jan
2.	MARCH	Published online 10.1007/s12039-019-1594-9	JCSC-D-18-01412	Recyclable Pd ionic catalyst coated on cordierite monolith for high TOF Heck coupling reaction	Jagadeesh D Prasad	jprasad2003@gmail.com	Mangalore University Mangalore	16 Nov	S. Natarajan	2 Jan
3.	MARCH	Published online 10.1007/s12039-019-1593-x	JCSC-D-18-01447	Transition metal complexes obtained from an ionic liquid-supported Schiff base: Synthesis, Physico-chemical characterization and exploration of Antimicrobial activities	SANJOY SAHA	sanjoychem83@yahoo.com	KALIMPONG COLLEGE KALIMPONG, WEST BENGAL	25 Nov	G K Lahiri	09 Jan
4.	MARCH	Published online 10.1007/s12039-019-1595-8	JCSC-D-18-01450	Electrochemical sensors based on functionalized carbon nanotubes modified with platinum	Soha Mohajeri	soha.mohajeri@yahoo.com	Sharif University of Technology IRAN, ISLAMIC REPUBLIC OF	26 Nov	S. Natarajan	18 Jan

				nanoparticles for the detection of sulfide ions in aqueous media						
5.	MARCH	Published online 10.1007/s12039-019-1597-6	JCSC-D-18-01383	Synthesis of novel phase transfer catalysts derived from proline-mandelic acid/tartaric acid; their evaluation in enantioselective epoxidation and darzen condensation.	Deepak Puna Mahajan	deepakmahajan@lupin.com	Lupin Ltd Pune, Maharashtra INDIA	12 Nov	S Baskaran	29 Jan
6.	MARCH	Published onlinefv 10.1007/s12039-019-1599-4	JCSC-D-18-00970	Effect of anharmonicity on energy relaxation of a dissipative quantum oscillator	PRADEEP KUMAR	pradeep.chy@mnit.ac.in	Malaviya National Institute of Technology Jaipur, Jaipur	23 July	Tapas Chakraborty	31 Jan
7.	MARCH	Published online 10.1007/s12039-019-1598-5	JCSC-D-18-01413	Rhodium(III) complex with pyrene-pyridyl-hydrazone: Synthesis, Structure, Ligand Redox, Spectral Characterization and DFT Calculation	Sanjib Ganguly	icsgxav@gmail.com	St. Xaviers College,Kolkata Kolkata, West Bengal	16 Nov	S. Natarajan	02 Feb
8.	MARCH	Published Online 10.1007/s12039-019-1600-2	JCSC-D-18-01451	Formal Total Synthesis of Mandelalide A	Subhash Ghosh	subhash@iict.res.in	Indian Institute of Chemical Technology Hyderabad, Telangana INDIA	Nov 26	S Baskaran	05 Feb
9.	MARCH	10.1007/s12039-019-1601-1	JCSC-D-18-01382	A Double Crown Hexakis[(Di- μ -benzylthio) Nickle]	Fangfang Jian	ffj2013@163.com	Henan University of Science and	10 Nov	S Natarajan	05 Feb

				Cluster: Synthesis, Structure and Properties			Technology CHINA			
10.	APRIL	Published online 10.1007/s12039-019-1605-x	JCSC-D-18-01190	Synthesis and in-vitro biological evaluation of 1,1-diaryl-2-(1,2,3)triazol-1-yl-ethanol derivatives as antifungal compounds flutriafol analogues	Erick Cuevas-Yañez	ecuevasy@uaemex.mx	Universidad Autonoma del Estado de Mexico, MEXICO	Sep 21	J Narasimha Moorthy	05 Feb
11.	APRIL	Published online 10.1007/s12039-019-1603-z	JCSC-D-18-01304	Sequential Michael Addition/Retro-Claisen Condensation of 1,3-Diarylpropan-1,3-diones with Nitrostyrenes: One-Step Synthesis of 4-Nitro-1,3-diarylbutan-1-ones	Zheng Li	lizheng@nwnu.edu.cn	College of Chemistry and Chemical Engineering, Northwest Normal University CHINA	Oct 16	J Narasimha Moorthy	05 Feb
12.	APRIL	Published online 10.1007/s12039-019-1602-0	JCSC-D-18-01516	Synthesis, characterization, quantum chemical studies and electrochemical performance of new 4,7-dihydro-tetrazolo[1,5-a]pyrimidine derivatives	Esvet Akbas	esvakbas@hotmail.com	Van Yuzuncu Yil University, 65080 Van-Turkey.	Dec 20	Goutam K Lahiri,	09 Feb
13.	APRIL	Published online 10.1007/s12039-019-1604-y	JCSC-D-18-01470	A novel enzymatic biosensor for detection of intracellular hydrogen	Na Zou	zgsdytzn@126.com	University of Mining & Technology,	03 Dec		10 Feb

				peroxide based on 1-aminopyrene and reduced graphene oxides			Xuzhou 221116, Jiangsu, China		S Natarajan	
14.	APRIL	Published online 10.1007/s12039-019-1606-9	JCSC-D-18-01399	Impact of Length Scale of Attraction on the Dynamical Heterogeneity: A Molecular Dynamics Simulation Study	Pradip Kumar Ghorai	pradip.ghorai@gmail.com	Indian Institute of Science Education and Research Kolkata	12 Nov	S BALASUBRAMANIAN	11 Feb
15.	APRIL	Published online 10.1007/s12039-019-1607-8	JCSC-D-18-00879	Application of SiO ₂ nanoparticles as efficient catalyst to develop syntheses of perimidines and tetraketones	Parvin Hajiabbasi	parvinhajiabbasi@yahoo.com	University of Mazandaran IRAN, ISLAMIC REPUBLIC OF	06 July	J Narasimha Moorthy	14 Feb
16.	APRIL	Published online 10.1007/s12039-019-1608-7	JCSC-D-18-01511	Influence of TiO ₂ structural properties on photocatalytic hydrogen gas production	Hasliza Bahruji	hasliza.bahruji@ubd.edu.bn	Universiti Brunei Darussalam Brunei, BRUNEI DARUSSALAM	22 Dec	Goutam K Lahiri	14 Feb
17.	APRIL	Published online 10.1007/s12039-019-1609-6	JCSC-D-18-01499	Synthesis of Fe and Cu metal complexes derived from "SNS" Pincer type ligands and their efficient catalyst precursors for the chemical fixation of CO ₂	Mehmet Sönmez	msonmez@gantep.edu.tr	Gaziantep Universitesi TURKEY	14 Jan	Goutam K Lahiri	21 Feb
18.	APRIL	Published online 10.1007/s12039-019-1610-0	JCSC-D-18-01255	Zinc Chloride Catalyzed Multicomponent	Kalegowda Shivashankar	shivashankark@gmail.com	Bangalore University	26 Oct	NG Ramesh	05 Mar

				Synthesis of Pyrazolopyridocoumar in Scaffolds						
19.	MAY	10.1007/s12039-019-1611-z	JCSC-D-18-01407	Gold Nanoparticles decorated silicate sol-gel matrix embedded reduced graphene oxide and manganese ferrite nanocomposite materials modified electrode for glucose sensor application	Ramasamy Ramaraj	ramaraj.ram@gmail.com	Madurai Kamaraj University, Madurai	15 Nov	TP Radhakrishnan	07 Mar
20.	MAY	10.1007/s12039-019-1612-y	JCSC-D-19-00019	Specific Detection of Hypochlorite: A Cyanine Based Turn-On Fluorescent Sensor	Gopal Das	gdas@iitg.ernet.in	IIT, Guwahati	07 Jan	TP Radhakrishnan	13 Mar
21.	MAY		JCSC-D-19-00024	Deformation of E4 (E = P, As, Sb) Tetrahedron Structures via Doping Two Atoms with Elements from Group 13: A Study of the Pseudo-Jahn–Teller Effect	ALIREZA ILKHANI	ilkhani@yahoocom	Islamic Azad University of Yazd CANADA	09 Jan	Ayan Datta	03 Mar
22.	MAY		JCSC-D-19-00069	Are Water-Xylitol Mixtures Heterogeneous? An Investigation Employing Composition and Temperature Dependent Dielectric	Ranjit Biswas	ranjit@bose.res.in	S.N.Bose National Centre for Basic Sciences Kolkata, West Bengal	22 Jan	S Balasubramanian	06 Mar

				Relaxation and Time-Resolved Fluorescence Measurements						
23.	MAY		JCSC-D-18-01491	Synergistic and antagonistic co-antioxidant effects of flavonoids with trolox and ascorbic acid	Levon Agasi Tavadyan	tavadyan@ichph.sc i.am	Institute of Chemical Physics NAS of Armenia ARMENIA	10 Dec	J Narasimha Moorthy	09 Mar
24.	MAY		JCSC-D-18-01291	Olefin metathesis of fatty acids and vegetable oils	S.L. Karuna M.	mslkaruna@gmail.com; karuna@iict.res.in	Indian Institute of Chemical Technology Hyderabad, Telangana INDIA	12 Oct	J Narasimha Moorthy	09 Mar
25.	MAY		JCSC-D-19-00075	An imine-based colorimetric chemodosimeter for the detection of hypochlorite (ClO ⁻) in aqueous media: its application in test strips and real water samples	Cheal Kim	chealkim@snut.ac.kr	National Kaohsiung University of Science and Technology KOREA, REPUBLIC OF	22 Jan	Goutam K Lahiri	13 Mar
26.	MAY		JCSC-D-18-01503	Synthesis of Micro- and mesoporous Molecular Sieve ZSM-5/SBA-15: Tuning Aluminum Amount for Tert-butylation of Phenol	Yan Xie	yanxie@dicp.ac.cn	Dalian Institute of Chemical Physics CHINA	13 Jan	Goutam K Lahiri	13 Mar
27.	MAY		JCSC-D-19-00040	Beryllium Ion Sensing through the Ion Pair Formation Between	ismail Yilmaz	iyilmaz@itu.edu.tr	Istanbul Teknik Universitesi TURKEY	15 Jan		13 Mar

				the Electrochemically Reduced Ferrocenyl Naphthoquinone Radicals and Be ²⁺ Ions					K C Kumara Swamy	
28.	JUNE		JCSC-D-18-01508	One Pot Synthesis of Pyrimidine-5-Carbonitrile and Pyrimidine-5-Carboxamide Using Ammonium Chloride under Solvent Free Condition	Anant Vasantrao Kardel	anantkardel11@gmail.com	KTHM College Nashik, Maharashtra INDIA	26 Dec	NG Ramesh	14 Mar
29.	JUNE		JCSC-D-19-00077	Elucidation of the oxidation-reduction reactions in the synthesis of Co-based nanoparticles through polyol process using 1, 2-butanediol (BEG): a theoretical study	Sabri Messaoudi	sabri_messaoudi@yahoo.fr	Universite de Carthage TUNISIA	23 Jan	S Balasubramanian	16 March
30.	JUNE		JCSC-D-18-01254	Potassium Iodate (KIO ₃) - A Novel Reagent for the Synthesis of Isoxazolines and Evaluation of Their Antimicrobial Activity	Sumana Y Kotian	sumanakotian@gmail.com	University of Mysore	15 Nov	K C Kumara Swamy	16 Mar
31.	JUNE		JCSC-D-18-01183	Design, synthesis, and molecular docking of new 5-HT reuptake inhibitors based on modified 1,2-	Sławomir Makowiec	mak@pg.edu.pl	Gdańsk University of Technology, POLAND	21 Sep	N Jayaraman	18 Mar

				dihydrocyclopenta[b]indol-3(4H)-one scaffold						
32.	JUNE		JCSC-D-18-01307	New Self-Assembled Archetypes in Crown Ether Substituted Δ ZPhe Containing Tripeptides	Gurunath Ramanathan	gurunath@iitk.ac.in	IIT, Kanpur	02 Nov	N Jayaraman	18 Mar
33.	JUNE		JCSC-D-18-00948	Active bismuth mediated allylation of carbonyls/N-tosyl aldimines and propargylation of aldehydes in water	Paresh Nath Chatterjee	paresh.chatterjee@nitm.ac.in	National Institute of Technology Meghalaya Shillong, Meghalaya	18 Jul	N Jayaraman	25 Mar
34.	JUNE		JCSC-D-19-00097	A Simple, Fast and Excellent Protocol For The Synthesis Of Phenols Using CuFe ₂ O ₄ Magnetic Nanoparticles	BOLIN CHETIA	bolinchetia@dibru.ac.in	Dibrugarh University, DIBRUGARH, ASSAM, INDIA DIBRUGARH	30 Jan	NG Ramesh	25 Mar
35.	JUNE		JCSC-D-19-00043	A high-performance Gel Polymer Electrolyte based on poly(vinylidene fluoride) / thermoplastic polyurethane / poly(propylene carbonate) for Lithium-Ion Batteries	Qi Cao	wjcaoqi@163.com	Xiangtan University CHINA	16 Jan	TP Radhakrishnan	26 Mar
36.	JUNE		JCSC-D-19-00122	Tuning the Adsorption Properties of UiO-66	Xuan Meng	mengxuan@ecust.edu.cn	East China University of	22 Feb	Goutam K Lahiri	28 Mar

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