

Top ranking highest cited 2019-2020 articles

Title	Author	Publication Date	DOI	Article link
Microneedle-based drug delivery: materials of construction	Bhatnagar, Shubhmita; Gadeela, Pradeeptha Reddy; Thathireddy, Pranathi; Venuganti, Venkata Vamsi Krishna	2019	10.1007/s12039-019-1666-x	https://www.ias.ac.in/article/fulltext/jcsc/131/09/0090
Recent developments in synthetic chemistry and biological activities of pyrazole derivatives	Faisal, Muhammad; Saeed, Aamer; Hussain, Sarwat; Dar, Parsa; Larik, Fayaz Ali	2019	10.1007/s12039-019-1646-1	https://www.ias.ac.in/article/fulltext/jcsc/131/08/0070
Olefin metathesis of fatty acids and vegetable oils	Yelchuri, Vyshnavi; Srikanth, K.; Prasad, R. B. N.; Karuna, M. S. L.	2019	10.1007/s12039-019-1615-8	https://www.ias.ac.in/article/fulltext/jcsc/131/05/0039
Luminescent metal-organic frameworks and their potential applications	Haldar, Ritesh; Bhattacharyya, Sohini; Maji, Tapas Kumar	2020	10.1007/s12039-020-01797-y	https://www.ias.ac.in/article/fulltext/jcsc/132/0099
Novel series of acridone-1,2,3-triazole derivatives: microwave-assisted synthesis, DFT study and antibacterial activities	Aarjane, Mohammed; Slassi, Siham; Tazi, Bouchra; Maouloua, Mohamed; Amine, Amina	2019	10.1007/s12039-019-1653-2	https://www.ias.ac.in/article/fulltext/jcsc/131/08/0085
A novel benzophenone-based colorimetric chemosensor for detecting and Cu ²⁺ and F ⁻	Yun, Dongju; Chae, Ju Byeong; Kim, Cheal	2019	10.1007/s12039-018-1585-2	https://www.ias.ac.in/article/fulltext/jcsc/131/02/0010
Experimental and theoretical insights on the adsorption and inhibition mechanism of (2E)-2-(acetylamino)-3-(4-nitrophenyl) prop-2-enoic acid and 4-nitrobenzaldehyde on mild steel corrosion	Arrousse, N.; Salim, R.; Al Houari, G.; El Hajjaji, F.; Zarrouk, A.; Rais, Z.; Taleb, M.; Chauhan, Dheeraj Singh; Quraishi, M. A	2020	10.1007/s12039-020-01818-w	https://www.ias.ac.in/article/fulltext/jcsc/132/0112

Core-shell-structured MnO ₂ @carbon spheres and nitrogen-doped activated carbon for asymmetric supercapacitors with enhanced energy density	Wen, Jie; Chen, Xiaoping; Huang, Maolin; Yang, Wen; Deng, Jie	2020	10.1007/s12039-019-1695-5	https://www.ias.ac.in/article/fulltext/jcsc/132/0006
Microwave-assisted synthesis of some new 1,2,3-triazole derivatives and their antimicrobial activity	Ashok, Dongamanti; Reddy, M. Ram; Dharavath, Ravinder; Ramakrishna, Katta; Nagaraju, Nalaparaju; Sarasija, M.	2020	10.1007/s12039-020-1748-9	https://www.ias.ac.in/article/fulltext/jcsc/132/0047
Determination of gallic acid using poly(glutamic acid): graphene modified electrode	Feminus, J. Jency; Manikandan, R.; Narayanan, S. Sriman; Deepa, P. N.	2019	10.1007/s12039-018-1587-0	https://www.ias.ac.in/article/fulltext/jcsc/131/02/0011
Silver(I)-selective PVC membrane potentiometric sensor based on 5,10,15,20-tetra(4-pyridyl)-21H, 23H-porphine and potentiometric applications	Isildak, Omer; Ozbek, Oguz	2020	10.1007/s12039-019-1734-2	https://www.ias.ac.in/article/fulltext/jcsc/132/0029
Study of photophysical behaviour of some Sm(III) complexes with 4-oxo-4H-1-benzopyran-3-carboxaldehyde and other N,N'-donor pi-conjugated ligands	Chauhan, Archana; Langyan, Ritu	2020	10.1007/s12039-020-01790-5	https://www.ias.ac.in/article/fulltext/jcsc/132/0095