

**CSIR-CLRI Publications for the period APRIL 2021
(Indexed in SCI-Expanded)**

April 2021

Sl. No.	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DOI*
1	Sundar, VJ; Muralidharan, C	Evaluation of Dye Fixatives - A Comparative Study	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	116	4	135	140	
2	Augustine, G; Aarthy, M; Thiagarajan, H; Selvaraj, S; Kamini, NR; Shanmugam, G; Ayyadurai, N	Self-Assembly and Mechanical Properties of Engineered Protein Based Multifunctional Nanofiber for Accelerated Wound Healing	ADVANCED HEALTHCARE MATERIALS	2021	10	8			10.1002/adhm.202001832
3	Biswas, C; Chatterjee, A; Sreekumar, S; Kiran, MS; Ghosh, R	Synthesis and crystal structures of 2-acetylpyridine-N(4)-methyl-3-thiosemicarbazone (L) and its metal complexes: Anticancer activity of [Cu(L)(OAc)]	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	2021	60	4	531	537	
4	Vijayan, V; Sreekumar, S; Singh, F; Srivatsan, KV; Lakra, R; Sai, KP; Kiran, MS	Nanotized praseodymium oxide collagen 3-D pro-vasculogenic biomatrix for soft tissue engineering'	NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE	2021	33				10.1016/j.nano.2021.102364
5	Sivakumar, S; Murali, R; Arathanaikotti, D;	Ferulic acid loaded microspheres reinforced in 3D	INTERNATIONAL JOURNAL OF	2021	177		463	473	10.1016/j.ijbiomac.2021.02.124

	Gopinath, A; Senthilkumar, C; Kesavan, S; Madhan, B	hybrid scaffold for antimicrobial wound dressing	BIOLOGICAL MACROMOLECULES						
6	Wilson, NH; Ragothaman, M; Palanisamy, T	Bimetallic Copper-Iron Oxide Nanoparticle-Coated Leathers for Lighting Applications	ACS APPLIED NANO MATERIALS	2021	4	4	4055	4069	10.1021/acsanm.1c00388
7	Sahu, B; Sathish, M; Jayakumar, GC	Chemically Modified Castor Oil for Softening of Leather - A Novel Approach	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	116	4	119	125	
8	Gheware, A; Dholakia, D; Kannan, S; Panda, L; Rani, R; Pattnaik, BR; Jain, V; Parekh, Y; Enayathullah, MG; Bokara, KK; Subramanian, V; Mukerji, M; Agrawal, A; Prasher, B	Adhatoda Vasica attenuates inflammatory and hypoxic responses in preclinical mouse models: potential for repurposing in COVID-19-like conditions	RESPIRATORY RESEARCH	2021	22	1			10.1186/s12931-021- 01698-9
9	Naushin, S; Sardana, V; Ujjainiya, R; Bhatheja, N; Kutum, R; Bhaskar, AK; Pradhan, S; Prakash, S; Khan, R; Rawat, BS; Tallapaka, KB;	Insights from a Pan India Sero- Epidemiological survey (Phenome-India Cohort) for SARS-CoV2	ELIFE	2021	10				10.7554/eLife.66537

Anumalla, M; Chandak, GR; Lahiri, A; Kar, S; Mulay, SR; Mugale, MN; Srivastava, M; Khan, S; Srivastava, A; Tomar, B; Veerapandian, M; Venkatachalam, G; Vijayakumar, SR; Agarwal, A; Gupta, D; Halami, PM; Peddha, MS; Sundaram, GM; Veeranna, RP; Pal, A; Agarwal, VK; Maurya, AK; Singh, RK; Raman, AK; Anandasadagopan , SK; Karuppanan, P; Venkatesan, S; Sardana, HK; Kothari, A; Jain, R; Thakur, A; Parihar, DS; Saifi, A; Kaur, J; Kumar, V; Mishra, A; Gogeri, I; Rayasam, G; Singh, P; Chakraborty, R;								
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<p>P; Chaudhury, SR; Kumar, R; Gupta, P; Tuli, A; Sharma, D; Ringe, RP; Amarnarayan, D; Kulkarni, M; Shanmugam, D; Dharne, MS; Dastager, SG; Joshi, R; Patil, AP; Mahajan, SN; Khan, AH; Wagh, V; Yadav, RK; Khilari, A; Bhadange, M; Chaurasiya, AH; Kulsange, SE; Khairnar, K; Paranjape, S; Kalita, J; Sastry, NG; Phukan, T; Manna, P; Romi, W; Bharali, P; Ozah, D; Sahu, RK; Babu, EV; Sukumaran, R; Nair, AR; Valappil, PK; Puthiyamadam, A; Velayudhanpillai, A; Chodankar, K; Damare, S; Madhavi, Y;</p>								
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	Aggarwal, VV; Dahiya, S; Agrawal, A; Dash, D; Sengupta, S								
10	Gayathri, V; Pentela, N; Samanta, D	Palladium nanoparticles capped by thermoresponsive N-heterocyclic carbene: Two different approaches for a comparative study	APPLIED ORGANOMETALLIC CHEMISTRY	2021	35	4			10.1002/aoc.6166
11	Kole, PB; Aggarwal, H; Narra, S; Vernekar, A; Singh, FV	Metal-free synthesis and single crystal X-ray analysis of 4-aryl-6-hydroxy-2H-pyran-2-cyanomethylenes	JOURNAL OF MOLECULAR STRUCTURE	2021	1230				10.1016/j.molstruc.2021.129913
12	David, E; Colombo, A; Dragonetti, C; Palanisami, N	Novel Ferrocene-Appended beta-Ketoimines and Related BF ₂ Derivatives with Significant Aggregation-Induced Emission and Second-Order Nonlinear Optical Properties	CHEMISTRY-A EUROPEAN JOURNAL	2021	27	24	7124	7137	10.1002/chem.202005059

*PD=Date of Publication; PY=Year of Publication; Vol=Volume; IS=Issue; BP=Beginning Page Number; EP=Ending Page Number, DOI=Digital Object Identifier