

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

FEBRUARY 2021

Sl. No.	AUTHORS	TITLE	SOURCE	PD	PY	VL	IS	BP	EP	DOI
1	Bhargavi, N; Dhathathreyan, A; Sreeram, KJ	Regulating structural and mechanical properties of pectin reinforced liposomes at fluid/solid interface	FOOD HYDROCOLLOID S	FEB	2021	111				10.1016/j.foodhyd.2020.106225
2	Poornima, V; Mohan, S; Uma, TS	Role of Nd ³⁺ concentration on the microstructure and scintillation behaviour of langbeinite sulphate	MATERIALS LETTERS	1-Feb	2021	284				10.1016/j.matlet.2020.128997
3	Parveen, S; Premkumar, T; Nguyen, HH; Govindarajan, S; Manikandan, D; Anandasadagopan, SK; Vijayakumar, E	Isostructural metal hydrazones of 2-(methoxycarbonyl-hydrazono)-pentanedioic acid, H ₂ L: Synthesis, cytotoxic activity of nano spinel ZnCo ₂ O ₄ derived from single source precursor, [Zn-1/3 Co-2/3 (HL) ₂].center dot 3H ₂ O	INORGANICA CHIMICA ACTA	1-Feb	2021	516				10.1016/j.ica.2020.120142
4	Bruntha, A; Radhipriya, R; Palanisamy, T; Dhathathreyan, A	Elastic compliance and adsorption profiles of Bovine serum albumin at fluid/solid interface in the presence of electrolytes	BIOPHYSICAL CHEMISTRY	FEB	2021	269				10.1016/j.bpc.2020.106523
5	Deepa, PR; Nalini, V; Surianarayanan, M; Krishnakumar, S	Towards safer non-volatile tissue fixatives: Evaluation of choline-based ionic liquids for fixing ocular tissues	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	FEB	2021	209				10.1016/j.ecoenv.2020.111777

6	Lakra, R; Kiran, MS; Korrapati, PS	Furfural mediated synthesis of silver nanoparticles for photocatalytic reduction of hexavalent chromium	ENVIRONMENTAL TECHNOLOGY & INNOVATION	FEB	2021	21				10.1016/j.eti.2020.101348
7	Mukherjee, M; Loganathan, T; Mandal, S; Saraswathy, G	Biodegradability Study of Footwear Soling Materials in Simulated Compost Environment	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	FEB	2021	116	2	58	68	
8	Sivakumar, V	Approaches Towards Tannery Modernization and Up-Gradation: Leather Industry 4.0: Multi-Disciplinary Approach	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	FEB	2021	116	2	69	74	
9	Seerangaraj, V; Sathiyavimal, S; Shankar, SN; Nandagopal, JGT; Balashanmugam, P; Al-Misned, FA; Shanmugavel, M; Senthilkumar, P; Pugazhendhi, A	Cytotoxic effects of silver nanoparticles on <i>Ruellia tuberosa</i> : Photocatalytic degradation properties against crystal violet and coomassie brilliant blue	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	FEB	2021	9	1			10.1016/j.jece.2021.105088
10	Muninathan, S; Arumugam, S	Enhanced photocatalytic activities of NiS decorated reduced graphene oxide for hydrogen production and toxic dye degradation under visible light irradiation	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	3-Feb	2021	46	9	65	6546	10.1016/j.ijhydene.2020.11.178
11	Arumugam, N; Almansour, AI; Kumar, RS; Yeswanthkumar, S; Padmanaban, R; Arun, Y;	Design, stereoselective synthesis, computational studies and cholinesterase inhibitory activity of novel spiropyrrolidinoquinoxaline	JOURNAL OF MOLECULAR STRUCTURE	5-Feb	2021	1225				10.1016/j.molstruc.2020.129165

	Kansiz, S; Dege, N; Manohar, TS; Venketesh, S	tethered indole hybrid heterocycle								
--	---	------------------------------------	--	--	--	--	--	--	--	--

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