

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

November 2021

Sl. No	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DOI*
1	Sathish, M; Seeniammal, D; Poornima, R; Rao, JR	Evaluation of Antifungal Activity of Carbonate Solvent - Part:1	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	116	11	390	394	
2	Mozhiarasi, V; Balakumar, R; Rose, PMB; Speier, CJ; Weichgrebe, D; Srinivasan, SV; Suthanthararajan, R	Enhancing methane production by anaerobic co-digestion of extruded organic wastes from slaughterhouse and vegetable market in batch and continuous processes	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	2021	23	9	2727	2740	10.1007/s10098-021-02198-6
3	George, A; Indhu, M; Ashokraj, S; Shanmugam, G; Ganesan, P; Kamini, NR; Ayyadurai, N	Genetically encoded dihydroxyphenylalanine coupled with tyrosinase for strain promoted labeling	BIOORGANIC & MEDICINAL CHEMISTRY	2021	50				10.1016/j.bmc.2021.116460
4	Kandasamy, N; Kaliappan, K; Palanisamy, T	Upcycling sawdust into colorant: Ecofriendly natural dyeing of fabrics with ultrasound assisted dye extract of Pterocarpus indicus Willd	INDUSTRIAL CROPS AND PRODUCTS	2021	171				10.1016/j.indcrop.2021.113969

5	Kailasam, S; Balaji, K; Kanth, SV	Biosorption of Chromium from Spent Semi-Chrome Liquor: Part 1 Effective Pollution Abatement using <i>Bacillus cerus</i>	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	116	11	395	400	
6	Aarthy, M; George, A; Ayyadurai, N	Beyond protein tagging: Rewiring the genetic code of fluorescent proteins-A review	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULE S	2021	191		840	851	10.1016/j.ijbiomac.2021.09.108
7	Anjitha, TB; Shanmugam, P; Ethiraj, KR	One-Pot Synthesis of Flavonol Esters and Benzamides via Unusual Base Catalyzed Partial Ring-Opening- Esterification and Amidation of Flavonols	CHEMISTRYSELEC T	2021	6	43	12074	12081	10.1002/slct.202103083
8	Inbasekar, C; Rao, JR; Fathima, NN	Strategizing the Development of a Metal- and Formaldehyde-Free Tanning Process Using (3,5-Dimethyl- 1H,3H,5H- oxazolo[3,4-c]oxazol- 7a(7H)-yl) Methanol Heterocyclic Derivative Oxazolidine and Polyallylamine	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2021	9	44	15053	15062	10.1021/acssuschemeng.1c06091
9	UmaMaheswari, T; Anbukkarasi, K; Hemalatha, T; Singh, R	GTG(5) fingerprinting of native <i>Streptococcus</i> <i>thermophilus</i> strains and its authentication	INTERNATIONAL DAIRY JOURNAL	2021	122				10.1016/j.idairyj.2021.105161

		by principal component analysis - A road to value added commercial yoghurt starter cultures							
10	Selvakumar, G; Kuttalam, I; Mukundan, S; Lonchin, S	Valorization of toxic discarded fish skin for biomedical application	JOURNAL OF CLEANER PRODUCTION	2021	323				10.1016/j.jclepro.2021.129147
11	Surendran, CPA; Shanmugam, P	Correlation between empirical formulae based stoichiometric and experimental methane potential and calorific energy values for vegetable solid wastes	ENERGY REPORTS	2021	7		19	31	10.1016/j.egy.2020.10.071
12	Anithabanu, P; Vaidyanathan, VG	The water soluble zinc based metal-organic frameworks (Zn-MOFs) as potential inhibitors for collagen fibrillogenesis	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2021	190		56	60	10.1016/j.ijbiomac.2021.08.204
13	Arumugam, M; Natarajan, TS; Saelee, T; Praserthdam, S; Ashokkumar, M; Praserthdam, P	Recent developments on bismuth oxyhalides (BiOX; X = Cl, Br, I) based ternary nanocomposite photocatalysts for environmental applications	CHEMOSPHERE	2021	282				10.1016/j.chemosphere.2021.131054
14	Pandian, B; Ramalingam, S; Sreeram, KJ; Rao, JR	Natural pigment: Preparation of brown pigment from lignin biomass for coloring application	DYES AND PIGMENTS	2021	195				10.1016/j.dyepig.2021.109704

15	Sonallya, T; Sruthi, L; Deshpande, AP; Shanmugam, G	Tweaking of supramolecular hydrogel property of single and two-component gel systems by a bifunctional molecule	JOURNAL OF MOLECULAR LIQUIDS	2021	342				10.1016/j.molliq.2021.116945
16	Kumar, R; Jenjeti, RN; Choutipalli, VSK; Subramanian, V; Sampath, S	Conductometric NOx sensor based on exfoliated two-dimensional layered MnPSe3	SENSORS AND ACTUATORS B-CHEMICAL	2021	347				10.1016/j.snb.2021.130633
17	Mahendiran, B; Muthusamy, S; Selvakumar, R; Rajeswaran, N; Sampath, S; Jaisankar, SN; Krishnakumar, GS	Decellularized natural 3D cellulose scaffold derived from Borassus flabellifer (Linn.) as extracellular matrix for tissue engineering applications	CARBOHYDRATE POLYMERS	2021	272				10.1016/j.carbpol.2021.118494
18	Christopher, JM; Sridharan, R; Somasundaram, S; Ganesan, S	Bioremediation of aromatic hydrocarbons contaminated soil from industrial site using surface modified amino acid enhanced biosurfactant	ENVIRONMENTAL POLLUTION	2021	289				10.1016/j.envpol.2021.117917
19	Karthigaiselvan, K; Panda, RC	Dynamic modeling and solubility studies of sour gases during sweetening process of natural gas	JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING	2021	95				10.1016/j.jngse.2021.104087
20	George, K; Kannadasan, S	Advancements in the Functionalization of Aryl C-sp(2) and Alkyl C-sp(3) Toluene	CURRENT ORGANIC CHEMISTRY	2021	25	15	1783	1822	10.2174/1385272825666210608114300

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