

**CSIR-CLRI Publications for the period MAY 2020  
(Indexed in SCI-Expanded)**

**MAY 2020**

Sl. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Khambhaty, Y	Applications of enzymes in leather processing	ENVIRONMENTAL CHEMISTRY LETTERS	MAY	2020	18	3	747	769	10.1007/s10311-020-00971-5
2	Rathinavel, S; Ekambaram, S; Korrapati, PS; Sangeetha, D	Design and fabrication of electrospun SBA-15-incorporated PVA with curcumin: a biomimetic nanoscaffold for skin tissue engineering	BIOMEDICAL MATERIALS	MAY	2020	15	3			10.1088/1748-605X/ab6b2f
3	Pentela, N; Gayathri, V; Samanta, D	N-heterocyclic carbene bearing thermoresponsive poly(NIPAM) supported palladium (II) complex: Synthetic strategy and application	JOURNAL OF ORGANOMETALLIC CHEMISTRY	1-May	2020	913				10.1016/j.jorganchem.2020.121196
4	Mehta, P; Vedachalam, S; Sathyaraj, G; Garai, S; Arthanareeswaran, G; Sankaranarayanan, K	Fast sensing ammonia at room temperature with proline ionic liquid incorporated cellulose acetate membranes	JOURNAL OF MOLECULAR LIQUIDS	1-May	2020	305				10.1016/j.molliq.2020.112820

5	Palwe, S; Veeraraghavan, B; Periasamy, H; Khobragade, K; Kharat, AS	Unorthodox Parenteral beta- Lactam and beta- Lactamase Inhibitor Combinations: Flouting Antimicrobial Stewardship and Compromising Patient Care	ANTIMICROBIAL AGENTS AND CHEMOTHERAPY	MAY	2020	64	5			10.1128/AAC.00168-20
6	Brindha, V; Vedaraman, N; Sundar, VJ; Kanagaraj, J; Velappan, KC; Muralidharan, C	De-Oiled Karanja Cake as Potential Bio- Additive for Low Salt Raw Skin Preservation	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	MAY	2020	115	5	159	165	
7	Kumar, CS; Soloman, AM; Thangam, R; Perumal, RK; Gopinath, A; Madhan, B	Ferulic acid-loaded collagen hydrolysate and polycaprolactone nanofibres for tissue engineering applications	IET NANOBIOTECHN OLOGY	MAY	2020	14	3	202	209	10.1049/iet- nbt.2019.0281
8	Jayanth, D; Mandal, S; Chellan, R; Chellappa, M	Enzyme-induced changes in skin and its implications	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	MAY	2020	22	4	945	953	10.1007/s10098-020- 01836-9
9	Padmanabhan, VP; Balakrishnan, S; Kulandaivelu, R; Narayanan, TSNS; Lakshmipathy, M; Sagadevan, S; Mohammad, F; Al-Lohedan, HA; Paiman, S; Oh, WC	Nanoformulations of core-shell type hydroxyapatite- coated gum acacia with enhanced bioactivity and controlled drug delivery for biomedical applications	NEW JOURNAL OF CHEMISTRY	7- May	2020	44	17	717 5	718 5	10.1039/d0nj00668h

10	Mondal, S; Choutipalli, VSK; Jena, BK; Subramanian, V; Raj, CR	Bifunctional Electrocatalytic Activity of Ordered Intermetallics Based on Pd and Sn	JOURNAL OF PHYSICAL CHEMISTRY C	7- May	2020	124	18	963 1	964 3	10.1021/acs.jpcc.9b104 17
11	Pandian, B; Arunachalam, R; Easwaramoorthi, S; Rao, JR	Tuning of renewable biomass lignin into high value-added product: Development of light resistant azo- lignin colorant for coating application	JOURNAL OF CLEANER PRODUCTION	20- May	2020	256				10.1016/j.jclepro.2020.1 20455
12	Subramanian, BT; Alla, JP; Essomba, JS; Nishter, NF	Non-fluorinated superhydrophobic spray coatings for oil- water separation applications: An eco- friendly approach	JOURNAL OF CLEANER PRODUCTION	20- May	2020	256				10.1016/j.jclepro.2020.1 20693
13	Vijaya Gowri Ayyappan.; Dhanasekaran Prakash.; Sellamuthu, N. Jaisankar.; Nabanita Sadhukhan.;Md. Sayem Alam.; Debasis Samanta.	Nanoconjugates of methacrylic polymers: Synthesis, characterization, and immobilization to leather	Journal of Applied Polymer Science	10- May	2020	137	18			10.1002/APP.48627

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