

**CSIR-CLRI Publications for the period FEBRUARY 2022
(Indexed in SCI-Expanded)**

FEBRUARY 2022

SL. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Athira, M; Smile, SS; Shanmugam, Ponnusamy	BF3 center dot OEt2 catalyzed synthesis of functionalized 9-fluorene-9-ylidene appended quinazolin-4-ones	NEW JOURNAL OF CHEMISTRY	FEB 7	2022	46	6	2952	2961	10.1039/d1nj05379e
2	Vasanth, S; Muthuramalingam, T; Gupta, Sanjeev	Carbonization Region Measurement in Vegetable Tanned Goat Leather using Machine Vision System for Evaluating Performance Measures of Leather Cut Contour Edges	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	FEB	2022	117	2	54	61	
3	Xavier, J; Patnaik, SK; Panda, RC	Sparse Identification and SDRE based MRAC Scheme for a Van de Vusse Reactor	IFAC PAPERSONLINE	FEB	2022	55	1	890	895	10.1016/j.ifacol.2022.04.146

4	Bhajammanavar, V; Mallik, S; Choutipalli, VSK; Subramanian, V; Baidya, M	Diastereoselective access to [4,4]-carbospirocycles: governance of thermodynamic enolates with an organocatalyst in vinylogous cascade annulation	CHEMICAL COMMUNICATION S	FEB 10	2022	58	13	2188	2191	10.1039/d1cc06544k
5	Mala, R; Divya, D; Vijayan, P; Narayanasamy, M; Thennarasu, S	Two Imidazo[1,2-a]pyridine Congeners Show Aggregation-Induced Emission (AIE): Exploring AIE Potential for Sensor and Imaging Applications	CHEMISTRYSELECT	FEB 4	2022	7	5			10.1002/slct.202103408
6	Xavier, J; Divya, N; Meena, K; Patnaile, SK; Panda, RC	Blood Glucose Regulation in Type-1 Diabetic Patients using Sliding Mode Control Based on Nonlinear Transformation	IFAC PAPERSONLINE	FEB	2022	55	1	902	907	10.1016/j.ifacol.2022.04.148
7	Sindhuja, PP; Vijayan, V; Panda, A; Panda, RC	Design and Analysis of Double Integrating and Dead time Processes	IFAC PAPERSONLINE	FEB	2022	55	1	357	362	10.1016/j.ifacol.2022.04.059

8	Biswas, C; Chatterjee, A; Vijayan, V; Purohit, CS; Kiran, MS; Ghosh, R	Synthesis, structural characterization and selective anticancer activity of [Ag- I(L)(PPh ₃)](2)(NO ₃)(2) [L = N(4)- substituted 2- acetylpyridine-N (4)- methyl-3- thiosemicarbazone]	INORGANIC CHEMISTRY COMMUNICATION S	FEB	2022	136					10.1016/j.inoche.2021.10917 8
9	Rajendran, SK; Mondal, JH; Alam, MS	The Interaction of Sodium Dodecyl Sulfate with 4,5- Dihydroxy-1,3- Benzenedisulfonate Hydrotrope: Micellization, Surface Properties, and Thermodynamics	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	FEB	2022	96	2	412	424		10.1134/S003602442202026 1
10	Rethinam, S; Kavukcu, SB; Hemalatha, T; Aruni, AW; Sendemir, A; Turkay, C	Cellulose based electrospun nanofilters: perspectives on tannery effluent waste water treatment	CELLULOSE	FEB	2022	29	3	1969	1980		10.1007/s10570-022-04420- 0

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