

## Paper Published during 2023

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1	Sahoo, Pathik; Singh, Pushpendra; Manna, Jhimli; Singh, Ravindra P.; Hill, Jonathan P.; Nakayama, Tomonobu; Ghosh, Subrata; Bandyopadhyay, Anirban :A Third Angular Momentum of Photons SYMMETRY-BASEL 2023 15 1 <a href="http://dx.doi.org/10.3390/sym15010158">http://dx.doi.org/10.3390/sym15010158</a>
2	Ramkaran Ravindra K. Rawal, Praveen K. Gupta, Bhupinder Kumar, Rohit Bhatia :Design, Synthesis, and Biological Evaluation of Novel Dihydropyrimidinone Derivatives as Potential Anticancer Agents and Tubulin Polymerization Inhibitors ASSAY AND DRUG DEVELOPMENT TECHNOLOGIES 2023 "Volume21Issue1Page17-28" <a href="https://www.liebertpub.com/doi/10.1089/adt.2022.085">https://www.liebertpub.com/doi/10.1089/adt.2022.085</a> ,
3	Phukon, Jyotshna; Bhorali, Pratiksha; Changmai, Sumi; Gogoi, Sanjib :Hydroxyl-Directed Ru(II)-Catalyzed Synthesis of Fused Dihydrofurans Using 1,4-Dioxane and Sulfoxonium Ylides as Annulating Agents ORGANIC LETTERS 2023 25 1 215 219 <a href="https://pubs.acs.org/doi/10.1021/acs.orglett.2c04068">https://pubs.acs.org/doi/10.1021/acs.orglett.2c04068</a>
4	Joyshil Tamuly, Dhruvjayoti Bhattacharjya, Binoy K. Saikia :Low-Grade Coal Feedstock for the Synthesis of High-Valued Graphene Derivatives for Energy Storage Application ENERGY & FUELS 2023 "Volume37Issue4Page3260-3271" 2023/Low-Grade Coal Feedstock for the Synthesis of High-Valued.pdf,
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7	Twahira Begum, Roktim Gogoi, Neelav Sarma, Sudin Kumar Pandey, Mohan Lal :Novel ethyl p-methoxy cinnamate rich Kaempferia galanga (L.) essential oil and its pharmacological applications: special emphasis on anticholinesterase, anti-tyrosinase, $\alpha$ -amylase inhibitory, and genotoxic efficiencies PeerJ 2023 "Volume: 11Pages: e14606" <a href="https://peerj.com/articles/14606/">https://peerj.com/articles/14606/</a> ,
8	Saikia, Jadumoni; Washmin, Nooreen; Borah, Twinkle; Sarmah, Prasanna; Konwar, Parthapratim; Siga, Appu; Haldar, Saikat; Banik, Dipanwita : <b>Physicochemical properties, chemical composition and sensory attributes of <i>Alpinia nigra</i> (Gaertn.) BL Burt rhizome: an underutilized spice source</b> EUROPEAN FOOD RESEARCH AND TECHNOLOGY 2023 249, pages1097–1112 (2023) <a href="http://dx.doi.org/10.1007/s00217-023-04200-5">http://dx.doi.org/10.1007/s00217-023-04200-5</a>
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18	Kiewhuo, Kikrusenuo; Priyadarsinee, Lipsa; Sarma, Himakshi; Sastry, G. Narahari :Molecular dynamics simulations reveal the effect of mutations in the RING domains of BRCA1-BARD1 complex and its relevance to the prognosis of breast cancer JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS 2023 <a href="http://dx.doi.org/10.1080/07391102.2023.2175383">http://dx.doi.org/10.1080/07391102.2023.2175383</a>
19	Biswajit Nath, Bidangshri Basumatary, Sujata Brahma, Bipul Das, Pranjal Kalita, Samuel Lalthazuala Rokhum, Sanjay Basumatary : <b>Musa champa peduncle waste-derived efficient catalyst: Studies of biodiesel synthesis, reaction kinetics and thermodynamics</b> Energy 2023 Volume 270, 1 May 2023, 126976 <a href="https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/cbic.202200677">https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/cbic.202200677</a>
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