

Md Raihan Chowdhury

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

466
citations

12
h-index

16
g-index

16
ext. papers

628
ext. citations

5.9
avg, IF

4.28
L-index

#	Paper	IF	Citations
15	Ionic-Liquid-Based Paclitaxel Preparation: A New Potential Formulation for Cancer Treatment. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2484-2488	5.6	71
14	Biocompatible ionic liquids and their applications in pharmaceuticals. <i>Green Chemistry</i> , 2020 , 22, 8116-8130	6.0	65
13	Characterization and cytotoxicity evaluation of biocompatible amino acid esters used to convert salicylic acid into ionic liquids. <i>International Journal of Pharmaceutics</i> , 2018 , 546, 31-38	6.5	50
12	Ionic liquids with methotrexate moieties as a potential anticancer prodrug: Synthesis, characterization and solubility evaluation. <i>Journal of Molecular Liquids</i> , 2019 , 278, 226-233	6	47
11	Ionic Liquid-In-Oil Microemulsions Prepared with Biocompatible Choline Carboxylic Acids for Improving the Transdermal Delivery of a Sparingly Soluble Drug. <i>Pharmaceutics</i> , 2020 , 12,	6.4	34
10	Development of a novel ionic liquid-curcumin complex to enhance its solubility, stability, and activity. <i>Chemical Communications</i> , 2019 , 55, 7737-7740	5.8	33
9	Ionic liquids with N-methyl-2-pyrrolidonium cation as an enhancer for topical drug delivery: Synthesis, characterization, and skin-penetration evaluation. <i>Journal of Molecular Liquids</i> , 2020 , 299, 112166	6	33
8	Comparison of direct versus concentrated smear microscopy in detection of pulmonary tuberculosis. <i>BMC Research Notes</i> , 2013 , 6, 291	2.3	27
7	Choline and amino acid based biocompatible ionic liquid mediated transdermal delivery of the sparingly soluble drug acyclovir. <i>International Journal of Pharmaceutics</i> , 2020 , 582, 119335	6.5	25
6	In vivo biocompatibility, pharmacokinetics, antitumor efficacy, and hypersensitivity evaluation of ionic liquid-mediated paclitaxel formulations. <i>International Journal of Pharmaceutics</i> , 2019 , 565, 219-226	6.5	24
5	Design and Characterization of Fatty Acid-Based Amino Acid Ester as a New "Green" Hydrophobic Ionic Liquid for Drug Delivery. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 13660-13671	8.3	24
4	Lipid based biocompatible ionic liquids: synthesis, characterization and biocompatibility evaluation. <i>Chemical Communications</i> , 2020 , 56, 13756-13759	5.8	13
3	Insulin Transdermal Delivery System for Diabetes Treatment Using a Biocompatible Ionic Liquid-Based Microemulsion. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42461-42472	9.5	11
2	Lipid-Based Ionic-Liquid-Mediated Nanodispersions as Biocompatible Carriers for the Enhanced Transdermal Delivery of a Peptide Drug.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 6256-6267	4.1	8
1	Evaluation of Real Time PCR for the diagnosis of Extrapulmonary Tuberculosis and comparison with AFB Microscopy among Bangladeshi population. <i>International Journal of Natural Sciences</i> , 2012 , 2, 26-32		1