Md Raihan Chowdhury

List of Publications by Year
in descending order

15	785	623188 14	996533 15
papers	citations	h-index	g-index

16	16	16	521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biocompatible ionic liquids and their applications in pharmaceutics. Green Chemistry, 2020, 22, 8116-8139.	4.6	131
2	Ionic-Liquid-Based Paclitaxel Preparation: A New Potential Formulation for Cancer Treatment. Molecular Pharmaceutics, 2018, 15, 2484-2488.	2.3	101
3	Characterization and cytotoxicity evaluation of biocompatible amino acid esters used to convert salicylic acid into ionic liquids. International Journal of Pharmaceutics, 2018, 546, 31-38.	2.6	73
4	Ionic liquids with methotrexate moieties as a potential anticancer prodrug: Synthesis, characterization and solubility evaluation. Journal of Molecular Liquids, 2019, 278, 226-233.	2.3	71
5	Ionic Liquid-In-Oil Microemulsions Prepared with Biocompatible Choline Carboxylic Acids for Improving the Transdermal Delivery of a Sparingly Soluble Drug. Pharmaceutics, 2020, 12, 392.	2.0	55
6	Ionic liquids with N-methyl-2-pyrrolidonium cation as an enhancer for topical drug delivery: Synthesis, characterization, and skin-penetration evaluation. Journal of Molecular Liquids, 2020, 299, 112166.	2.3	53
7	Choline and amino acid based biocompatible ionic liquid mediated transdermal delivery of the sparingly soluble drug acyclovir. International Journal of Pharmaceutics, 2020, 582, 119335.	2.6	52
8	Development of a novel ionic liquidâ€“curcumin complex to enhance its solubility, stability, and activity. Chemical Communications, 2019, 55, 7737-7740.	2.2	49
9	Insulin Transdermal Delivery System for Diabetes Treatment Using a Biocompatible Ionic Liquid-Based Microemulsion. ACS Applied Materials & Interfaces, 2021, 13, 42461-42472.	4.0	42
10	Design and Characterization of Fatty Acid-Based Amino Acid Ester as a New â€œGreenâ€•Hydrophobic Ionic Liquid for Drug Delivery. ACS Sustainable Chemistry and Engineering, 2020, 8, 13660-13671.	3.2	39
11	Comparison of direct versus concentrated smear microscopy in detection of pulmonary tuberculosis. BMC Research Notes, 2013, 6, 291.	0.6	36
12	In vivo biocompatibility, pharmacokinetics, antitumor efficacy, and hypersensitivity evaluation of ionic liquid-mediated paclitaxel formulations. International Journal of Pharmaceutics, 2019, 565, 219-226.	2.6	35
13	Lipid based biocompatible ionic liquids: synthesis, characterization and biocompatibility evaluation. Chemical Communications, 2020, 56, 13756-13759.	2.2	25
14	Lipid-Based Ionic-Liquid-Mediated Nanodispersions as Biocompatible Carriers for the Enhanced Transdermal Delivery of a Peptide Drug. ACS Applied Bio Materials, 2021, 4, 6256-6267.	2.3	21
15	Evaluation of Real Time PCR for the diagnosis of Extrapulmonary Tuberculosis and comparison with AFB Microscopy among Bangladeshi population. International Journal of Natural Sciences, 2012, 2, 26-32.	0.0	2