Taslim Ur Rashid

List of Publications by Citations

35 papers	583 citations	14 h-index	23 g-index
35 ext. papers	856 ext. citations	4.3 avg, IF	4.87 L-index

#	Paper	IF	Citations
35	Chitosan based bioactive materials in tissue engineering applications-A review. *Bioactive Materials*, **2020**, 5, 164-183	16.7	149
34	A new approach for the preparation of chitosan from γirradiation of prawn shell: effects of radiation on the characteristics of chitosan. *Polymer International*, **2012**, 61, 1302-1308	3.3	48
33	Preparation of Chitin-PLA laminated composite for implantable application. *Bioactive Materials*, **2017**, 2, 199-207	16.7	43
32	Core-shell drug carrier from folate conjugated chitosan obtained from prawn shell for targeted doxorubicin delivery. *Journal of Materials Science: Materials in Medicine*, **2017**, 28, 55	4.5	30
31	Cellulose-Based Hydrogels for Wastewater Treatment: A Concise Review. *Gels*, **2021**, 7,	4.2	30
30	Application of Chitosan-Clay Biocomposite Beads for Removal of Heavy Metal and Dye from Industrial Effluent. *Journal of Composites Science*, **2020**, 4, 16	3	29
29	Sustainable Wastewater Treatment via Dye–Surfactant Interaction: A Critical Review. *Industrial & Engineering Chemistry Research*, **2020**, 59, 9719-9745	3.9	27
28	Biopolymer-Based Electrolytes for Dye-Sensitized Solar Cells: A Critical Review. *Energy & Fuels*, **2020**, 34, 15634-15671	4.1	24
27	Effect of γirradiation on the thermomechanical and morphological properties of chitosan obtained from prawn shell: Evaluation of potential for irradiated chitosan as plant growth stimulator for Malabar spinach. *Radiation Physics and Chemistry*, **2013**, 82, 112-118	2.5	21
26	Mechanical Properties of Electrospun Fibers—A Critical Review. *Advanced Engineering Materials*, **2021**, 23, 2100153	3.5	18
25	Chitosan-based materials for supercapacitor applications: a review. *Journal of Materials Chemistry A* , **2021**, 9, 17592-17642	13	17
24	Evaluation of Fat Binding Capacity of Gamma Irradiated Chitosan Extracted from Prawn Shell. *Soft Materials*, **2014**, 12, 262-267	1.7	16
23	Preparation and characterization of bijoypur clay-crystalline cellulose composite for application as an adsorbent. *Advanced Material Science*, **2017**, 2,	4	16
22	Facile Preparation of Biocomposite from Prawn Shell Derived Chitosan and Kaolinite-Rich Locally Available Clay. *International Journal of Polymer Science*, **2017**, 2017, 1-8	2.4	14
21	pH Induced Fabrication of Kaolinite-Chitosan Biocomposite. *International Letters of Chemistry, Physics and Astronomy*,68, 1-9		11
20	Gelatin-Based Hydrogels. *Polymers and Polymeric Composites*, **2019**, 1601-1641	0.6	10
19	Gelation of Textile Dye Solution Treated with Fish Scales. *Gels*, **2019**, 5,	4.2	9

18	Chitosan□Clay Composites for Wastewater Treatment: A State-of-the-Art Review. *ACS ES&T Water*, **2021**, 1, 1055-1085		8
17	Cellulase in Waste Management Applications **2016**, 237-256		8
16	Ionic liquids: Innovative fluids for sustainable gas separation from industrial waste stream. *Journal of Molecular Liquids*, **2021**, 321, 114916	6	8
15	Preparation and Characterization of Multiwall Carbon Nanotube (MWCNT) Reinforced Chitosan Nanocomposites: Effect of Gamma Radiation. *BioNanoScience*, **2015**, 5, 31-38	3.4	7
14	Applications of Chitosan Derivatives in Wastewater Treatment **2017**, 471-517		7
13	A facile LED backlight in situ imaging technique to investigate sub-micron level processing. *Polymer Testing*, **2020**, 92, 106865	4.5	5
12	Preparation and characterization of poly (ethylene glycol) grafted Ca-alginate fibers by □rradiation for biomedical applications. *Journal of Adhesion Science and Technology*, **2013**, 27, 216-226	2	5
11	Preparation of Rayon Fiber-Reinforced Polypropylene Composites by Extrusion Techniques. *Polymer-Plastics Technology and Engineering*, **2012**, 51, 116-121		5
10	Recent Updates on Immobilization of Microbial Cellulase **2016**, 107-139		5
9	Effectiveness of N95 Masks against SARS-CoV-2: Performance Efficiency, Concerns, and Future Directions. *Journal of Chemical Health and Safety*,	1.7	3
8	Preparation of poly(acrylic acid) exfoliated clay composite by in-situ polymerisation for decolouration of methylene blue from wastewater. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-17	1.8	3
7	Gelatin-Based Hydrogels. *Polymers and Polymeric Composites*, **2018**, 1-41	0.6	3
6	Biomimetic Gelatin Nanocomposite as a Scaffold for Bone Tissue Repair487-525		2
5	Chitosan: Process and Modification1811-1825		1
4	Advanced CNC/PEG/PDMAA Semi-IPN Hydrogel for Drug Delivery Management in Wound Healing. *Gels*, **2022**, 8, 340	4.2	1
3	Fabrication of Chitosan-Based Biomaterials: Techniques and Designs **2021**, 455-518		0
2	Chitosan-Based Hydrogels for Tissue Engineering **2021**, 519-571		0
1	Morphological Characterization of Hydrogels. *Polymers and Polymeric Composites*, **2018**, 1-46	0.6	