

Akbar Ali

List of Publications by Year in Descending Order

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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.

16 papers	851 citations	5 h-index	16 g-index
16 ext. papers	1,050 ext. citations	6.5 avg, IF	5.54 L-index

#	Paper	IF	Citations
16	Eco-friendly natural extract loaded antioxidative chitosan/polyvinyl alcohol based active films for food packaging. <i>Heliyon</i> , 2021 , 7, e06550	3.6	5
15	Physical and chemical modification of biopolymers and biocomposites 2021 , 359-377		4
14	Preparation, characterization, release and antianemic studies of guar gum functionalized Iron complexes. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 1495-1504	7.9	4
13	Physical and chemical modification of chitosan-based green materials 2021 , 379-397		
12	Preparation, characterization and release studies of folic acid from inulin conjugates. <i>International Journal of Biological Macromolecules</i> , 2020 , 153, 1147-1156	7.9	4
11	Green Synthesis of Metal, Metal Oxide Nanoparticles, and Their Various Applications 2019 , 2281-2325		2
10	A review on chitosan centred scaffolds and their applications in tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2018 , 116, 849-862	7.9	133
9	A new study of iodine complexes of oxidized gum arabic: An interaction between iodine monochloride and aldehyde groups. <i>Carbohydrate Polymers</i> , 2018 , 180, 337-347	10.3	21
8	Development of Hydrogels from Edible Polymers 2018 , 551-589		1
7	Recent Advances in Edible Polymer Based Hydrogels as a Sustainable Alternative to Conventional Polymers. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 6940-6967	5.7	119
6	A review on chitosan and its nanocomposites in drug delivery. <i>International Journal of Biological Macromolecules</i> , 2018 , 109, 273-286	7.9	548
5	Green Engineered Functional Textile Materials 2018 , 263-287		0
4	Iodine derivatives of chemically modified gum Arabic microspheres. <i>Carbohydrate Polymers</i> , 2015 , 129, 224-31	10.3	9
3	Inulin-Niacin Conjugates: Preparation, Characterization, Kinetic and In Vitro Release Studies. <i>Journal of Polymers and the Environment</i> , 1	4.5	0
2	Glycerol-crosslinked guar gum monoaldehyde based superabsorbent hydrogels for vitamin B6 (pyridoxine hydrochloride) delivery. <i>Polymer Bulletin</i> , 1	2.4	1
1	Radiation Synthesis of Functionalized Gum Arabic and Hydroxyethyl Methacrylate Hydrogels for the Controlled Release of Niacin (Vitamin B3). <i>Journal of Polymers and the Environment</i> , 1	4.5	0