Amin Babaei-Ghazvini

List of Publications by Year
in descending order

13	574	932766 10	1199166 12
papers	citations	h-index	g-index

13	13	13	578
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of ecofriendly UV-protective food packaging material by starch/TiO2 bio-nanocomposite: Characterization. International Journal of Biological Macromolecules, 2017, 95, 306-313.	3.6	194
2	Preparation of UV-protective starch/kefiran/ZnO nanocomposite as a packaging film: Characterization. Food Packaging and Shelf Life, 2018, 16, 103-111.	3.3	96
3	Using photo-modification to compatibilize nano-ZnO in development of starch-kefiran-ZnO green nanocomposite as food packaging material. International Journal of Biological Macromolecules, 2019, 124, 922-930.	3.6	54
4	Production of starch based biopolymer by green photochemical reaction at different UV region as a food packaging material: Physicochemical characterization. International Journal of Biological Macromolecules, 2019, 122, 201-209.	3.6	45
5	Antimicrobial Biodegradable Food Packaging Based on Chitosan and Metal/Metal-Oxide Bio-Nanocomposites: A Review. Polymers, 2021, 13, 2790.	2.0	37
6	Effect of magnetic field alignment of cellulose nanocrystals in starch nanocomposites: Physicochemical and mechanical properties. Carbohydrate Polymers, 2020, 247, 116688.	5.1	31
7	Multilayer photonic films based on interlocked chiral-nematic cellulose nanocrystals in starch/chitosan. Carbohydrate Polymers, 2022, 275, 118709.	5.1	30
8	Valorization of Starch to Biobased Materials: A Review. Polymers, 2022, 14, 2215.	2.0	30
9	Comparison of Protein Content, Availability, and Different Properties of Plant Protein Sources with Their Application in Packaging. Polymers, 2022, 14, 1065.	2.0	16
10	Digital holographic microscopy for real-time investigation of 3D microstructural dynamics of starch-kefiran-based nanocomposite. Applied Optics, 2021, 60, 4706.	0.9	12
11	Humidity-Responsive Photonic Films and Coatings Based on Tuned Cellulose Nanocrystals/Glycerol/Polyethylene Glycol. Polymers, 2021, 13, 3695.	2.0	11
12	Characteristics of biopolymers from natural resources. , 2020, , 49-95.		9
13	Influence of cellulose nanocrystal aspect ratio on shear force aligned films: Physical and mechanical properties. Carbohydrate Polymer Technologies and Applications, 2022, 3, 100217.	1.6	9