

# Hanieh Kargarzadeh

## List of Publications by Year in descending order

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30  
papers

3,255  
citations

331538

21  
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580701

25  
g-index

39  
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39  
docs citations

39  
times ranked

3999  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cetyltrimethylammonium bromide-nanocrystalline cellulose (CTAB-NCC) based microemulsions for enhancement of topical delivery of curcumin. <i>Carbohydrate Polymers</i> , 2021, 254, 117401.	5.1	36
2	Nanocellulose in biomedical and biosensing applications: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 587-600.	3.6	62
3	Recent Developments in Nanocellulose-Based Aerogels in Thermal Applications: A Review. <i>ACS Nano</i> , 2021, 15, 3849-3874.	7.3	122
4	Comprehensive exploration of natural degradation of poly(lactic acid) blends in various degradation media: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 732-741.	3.6	74
5	PBAT green composites: Effects of kraft lignin particles on the morphological, thermal, crystalline, macro and micromechanical properties. <i>Polymer</i> , 2020, 203, 122748.	1.8	70
6	Cavitation in high density polyethylene/Al <sub>2</sub> O <sub>3</sub> nanocomposites. <i>Composites Science and Technology</i> , 2020, 199, 108323.	3.8	8
7	Advances in cellulose nanomaterials. <i>Cellulose</i> , 2018, 25, 2151-2189.	2.4	329
8	Synthesis of ZnO photocatalyst modified with activated carbon for a perfect degradation of ciprofloxacin and its secondary pollutants. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4198.	1.7	15
9	Enhanced adsorption and catalytic oxidation of ciprofloxacin on hierarchical CuS hollow nanospheres@N-doped cellulose nanocrystals hybrid composites: Kinetic and radical generation mechanism studies. <i>Chemical Engineering Journal</i> , 2018, 335, 567-578.	6.6	40
10	Rubber toughened polyester cellulose nanocomposites. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
11	Comparative Study of the Electrochemical, Biomedical, and Thermal Properties of Natural and Synthetic Nanomaterials. <i>Nanoscale Research Letters</i> , 2018, 13, 112.	3.1	17
12	Hydrophobic kenaf nanocrystalline cellulose for the binding of curcumin. <i>Carbohydrate Polymers</i> , 2017, 163, 261-269.	5.1	93
13	Recent developments on nanocellulose reinforced polymer nanocomposites: A review. <i>Polymer</i> , 2017, 132, 368-393.	1.8	475
14	Starch biocomposite film reinforced by multiscale rice husk fiber. <i>Composites Science and Technology</i> , 2017, 151, 147-155.	3.8	100
15	Efficient method for determination of methylene blue dye in water samples based on a combined dispersive solid phase and cloud point extraction using Cu(OH) <sub>2</sub> nanoflakes: central composite design optimization. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1079-1092.	1.9	26
16	Mechanical Properties of Epoxy/Rubber Blends. , 2017, , 279-314.		5
17	Effect of Aminosilane Modification on Nanocrystalline Cellulose Properties. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-8.	1.5	47
18	Novel, facile, and fast technique for synthesis of AgCl nanorods loaded on activated carbon for removal of methylene blue dye. <i>Chemical Engineering Research and Design</i> , 2016, 103, 212-226.	2.7	23

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19	Preparation of Nickel hydroxide nanoplates modified activated carbon for Malachite Green removal from solutions: Kinetic, thermodynamic, isotherm and antibacterial studies. <i>Chemical Engineering Research and Design</i> , 2016, 102, 85-97.	2.7	56
20	Toughened polyester cellulose nanocomposites: Effects of cellulose nanocrystals and liquid epoxidized natural rubber on morphology and mechanical properties. <i>Industrial Crops and Products</i> , 2015, 72, 125-132.	2.5	17
21	Cellulose nanocrystal reinforced liquid natural rubber toughened unsaturated polyester: Effects of filler content and surface treatment on its morphological, thermal, mechanical, and viscoelastic properties. <i>Polymer</i> , 2015, 71, 51-59.	1.8	54
22	Cellulose nanocrystal: A promising toughening agent for unsaturated polyester nanocomposite. <i>Polymer</i> , 2015, 56, 346-357.	1.8	167
23	Functionalized liquid natural rubber and liquid epoxidized natural rubber: A promising green toughening agent for polyester. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	40
24	Mechanical Properties of Epoxyâ€“Rubber Blends. , 2015, , 1-36.		3
25	Potential of using multiscale kenaf fibers as reinforcing filler in cassava starch-kenaf biocomposites. <i>Carbohydrate Polymers</i> , 2013, 92, 2299-2305.	5.1	126
26	Cassava starch biocomposites reinforced with cellulose nanocrystals from kenaf fibers. <i>Composite Interfaces</i> , 2013, 20, 189-199.	1.3	45
27	Effects of hydrolysis conditions on the morphology, crystallinity, and thermal stability of cellulose nanocrystals extracted from kenaf bast fibers. <i>Cellulose</i> , 2012, 19, 855-866.	2.4	674
28	Extraction of cellulose nanocrystals from mengkuang leaves ( <i>Pandanus tectorius</i> ). <i>Carbohydrate Polymers</i> , 2012, 88, 772-779.	5.1	402
29	Preparation and Characterizations of Cassava Starch Nanocomposite Reinforced Kenaf. <i>Advanced Materials Research</i> , 0, 545, 348-352.	0.3	3
30	Properties of Aminosilane Modified Nanocrystalline Cellulose (NCC) from Oil Palm Empty Fruit Bunch (OPEFB) Fibers. <i>Materials Science Forum</i> , 0, 888, 284-289.	0.3	8