

Farbod Alimohammadi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,370
citations

623734

14
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

2518
citing authors

#	ARTICLE	IF	CITATIONS
1	Interlayer-expanded MoS ₂ . <i>Materials Today</i> , 2017, 20, 83-91.	14.2	276
2	Enabling Colloidal Synthesis of Edge-Oriented MoS ₂ with Expanded Interlayer Spacing for Enhanced HER Catalysis. <i>Nano Letters</i> , 2017, 17, 1963-1969.	9.1	225
3	In situ synthesis of nano silver on cotton using Tollens's reagent. <i>Carbohydrate Polymers</i> , 2012, 87, 1706-1712.	10.2	169
4	A novel method for coating of carbon nanotube on cellulose fiber using 1,2,3,4-butanetetracarboxylic acid as a cross-linking agent. <i>Progress in Organic Coatings</i> , 2012, 74, 470-478.	3.9	119
5	Durable antibacterial and cross-linking cotton with colloidal silver nanoparticles and butane tetracarboxylic acid without yellowing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 89, 196-202.	5.0	118
6	Antimicrobial Properties of 2D MnO ₂ and MoS ₂ Nanomaterials Vertically Aligned on Graphene Materials and Ti ₃ C ₂ MXene. <i>Langmuir</i> , 2018, 34, 7192-7200.	3.5	111
7	Preparation of water-repellent cellulose fibers using a polycarboxylic acid/hydrophobic silica nanocomposite coating. <i>Surface and Coatings Technology</i> , 2012, 206, 3208-3215.	4.8	89
8	Deposition of silver nanoparticles on carbon nanotube by chemical reduction method: Evaluation of surface, thermal and optical properties. <i>Superlattices and Microstructures</i> , 2012, 52, 50-62.	3.1	69
9	Stabilized nanosilver loaded nylon knitted fabric using BTCA without yellowing. <i>Progress in Organic Coatings</i> , 2012, 74, 270-276.	3.9	50
10	Synthesis of nanosilver on polyamide fabric using silver/ammonia complex. <i>Materials Science and Engineering C</i> , 2014, 38, 170-176.	7.3	42
11	Synthesizing and stabilizing silver nanoparticles on polyamide fabric using silver-ammonia/PVP/UVC. <i>Progress in Organic Coatings</i> , 2012, 75, 379-385.	3.9	31
12	Polyvinylpyrrolidone/Carbon Nanotube/Cotton Functional Nanocomposite: Preparation and Characterization of Properties. <i>Fibers and Polymers</i> , 2018, 19, 1940-1947.	2.1	24
13	Radical mediated thiol-ene/yne dispersion polymerizations. <i>Polymer</i> , 2016, 105, 180-186.	3.8	17
14	Efficient mercury removal from aqueous solutions using carboxylated Ti ₃ C ₂ T MXene. <i>Journal of Hazardous Materials</i> , 2022, 434, 128780.	12.4	17
15	Biogenic Synthesis of Self-Incorporated Indium Graphitic Composites from Electronic Waste Using <i>Eleocharis acicularis</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16082-16091.	6.7	5
16	Affecting the morphology of silver deposition on carbon nanotube surface: From nanoparticles to dendritic (tree-like) nanostructures. <i>Materials Science and Engineering C</i> , 2015, 46, 232-238.	7.3	4
17	Biomimetic System for the Application of Nanomaterials in Fluid Purification: Removal of Arsenic with Ferrihydrite. <i>ACS Omega</i> , 2020, 5, 5873-5880.	3.5	3
18	Layer by Layer Deposition of 1Tâ€²-MoS ₂ for the Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1

#	ARTICLE	IF	CITATIONS
19	Nano-enhanced Dialytic Fluid Purification: CFD Modeling of Pb(II) Removal by Manganese Oxide. ACS Omega, 2020, 5, 32697-32705.	3.5	0