

# Alireza Yaghoubi

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

122  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting the Primitive Form of Rhombohedral Silicon Carbide (9R-SiC): A Pathway toward Polytypic Heterojunctions. <i>Crystal Growth and Design</i> , 2018, 18, 7059-7064.	3.0	8
2	Is Graphitic Silicon Carbide (Silagraphene) Stable?. <i>Chemistry of Materials</i> , 2018, 30, 7234-7244.	6.7	18
3	Understanding the effect of plasmonic enhancement on photocatalytic activity of TiO <sub>2</sub> nanotube arrays. <i>Materials Characterization</i> , 2017, 128, 134-141.	4.4	11
4	Electrochemical synthesis of ultrafast and gram-scale surfactant-free tellurium nanowires by gas-liquid transformation and their applications as supercapacitor electrodes for p-doping of graphene transistors. <i>Nanoscale</i> , 2015, 7, 7535-7539.	5.6	17
5	Catalyst-dependent morphological evolution by interfacial stress in crystalline-core-amorphous shell germanium nanowires. <i>RSC Advances</i> , 2015, 5, 28454-28459.	3.6	1
6	In situ measurement of shrinkage and temperature profile in microwave- and conventionally-sintered hydroxyapatite bioceramic. <i>Materials Letters</i> , 2015, 161, 375-378.	2.6	15
7	Self-assembly and secondary nucleation in ZnO nanostructures derived from a lipophilic precursor. <i>CrystEngComm</i> , 2014, 16, 6003-6009.	2.6	12
8	Fabrication of large-scale single-crystal bismuth telluride (Bi <sub>2</sub> Te <sub>3</sub> ) nanosheet arrays by a single-step electrolysis process. <i>Nanoscale</i> , 2014, 6, 7780-7785.	5.6	15
9	Microwave-Assisted Fabrication of Titanium Implants with Controlled Surface Topography for Rapid Bone Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 13587-13593.	8.0	19
10	Tunable synthesis and in situ growth of silicon-carbon mesostructures using impermeable plasma. <i>Scientific Reports</i> , 2013, 3, 1083.	3.3	6