

# Niloofar Soltani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11162055/publications.pdf>

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11  
papers

343  
citations

1040056

9  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eco-fabrication of hierarchical porous silica monoliths by ice-templating of rice husk ash. <i>Green Chemistry</i> , 2017, 19, 188-195.	9.0	66
2	Progress and challenges in using sustainable carbon anodes in rechargeable metal-ion batteries. <i>Progress in Energy and Combustion Science</i> , 2021, 87, 100929.	31.2	52
3	Macroporous polymer-derived SiO <sub>2</sub> /SiOC monoliths freeze-cast from polysiloxane and amorphous silica derived from rice husk. <i>Journal of the European Ceramic Society</i> , 2017, 37, 4809-4820.	5.7	51
4	Manufacturing Wear-Resistant 10Ce-TZP/Al <sub>2</sub> O <sub>3</sub> Nanoparticle Aluminum Composite by Powder Metallurgy Processing. <i>Materials and Manufacturing Processes</i> , 2014, 29, 1237-1244.	4.7	49
5	The Effect of Ti on Mechanical Properties of Extruded In-Situ Al-15Åpct Mg <sub>2</sub> Si Composite. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 4366-4373.	2.2	43
6	Bilayer graded Al/B <sub>4</sub> C/rice husk ash composite: Wettability behavior, thermo-mechanical, and electrical properties. <i>Journal of Composite Materials</i> , 2018, 52, 3745-3758.	2.4	27
7	Fabrication of aligned porous LaNi <sub>0.6</sub> Fe <sub>0.4</sub> O <sub>3</sub> perovskite by water based freeze casting. <i>Chemical Physics Letters</i> , 2018, 700, 138-144.	2.6	18
8	Surface modification of rice-husk ash (RHA) by Si <sub>3</sub> N <sub>4</sub> coating to promote its wetting by Al-Mg-Si alloys. <i>Materials Chemistry and Physics</i> , 2018, 203, 223-234.	4.0	17
9	Improving the Interfacial Reaction Between Cristobalite Silica from Rice Husk and Al-Mg-Si by CVD-Si <sub>3</sub> N <sub>4</sub> Deposition. <i>Waste and Biomass Valorization</i> , 2020, 11, 3789-3799.	3.4	16
10	Structural changes in NiO-Ce <sub>0.8</sub> Sm <sub>0.2</sub> O <sub>2-x</sub> anode under reducing atmosphere. <i>Materials Characterization</i> , 2019, 150, 8-12.	4.4	4
11	Microstructure and properties of bilayer-graded Al-matrix composites by one-step pressureless infiltration of B <sub>4</sub> C/rice-husk ash preforms. <i>Materials Research Society Symposia Proceedings</i> , 2016, 1820, 1.	0.1	0