

# Niloofar Soltani

## List of Publications by Year in descending order

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

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11  
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1040056

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12  
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docs citations

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times ranked

392  
citing authors

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