

# Naila M Al Hasan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1599716/publications.pdf>

Version: 2024-02-01

15  
papers

486  
citations

1040056

9  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue-resistant high-performance elastocaloric materials made by additive manufacturing. <i>Science</i> , 2019, 366, 1116-1121.	12.6	229
2	Elastocaloric cooling of additive manufactured shape memory alloys with large latent heat. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 404001.	2.8	70
3	Synthesis of 1 nm Pd Nanoparticles in a Microfluidic Reactor: Insights from in Situ X-ray Absorption Fine Structure Spectroscopy and Small-Angle X-ray Scattering. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13257-13267.	3.1	61
4	Gaining Control over Radiolytic Synthesis of Uniform Sub-3-nanometer Palladium Nanoparticles: Use of Aromatic Liquids in the Electron Microscope. <i>Langmuir</i> , 2016, 32, 1468-1477.	3.5	47
5	Combinatorial Synthesis and High-Throughput Characterization of Microstructure and Phase Transformation in Ni-Ti-Cu-V Quaternary Thin-Film Library. <i>Engineering</i> , 2020, 6, 637-643.	6.7	19
6	Gas-Phase Synthesis of Singly and Multiply Charged Polyoxovanadate Anions Employing Electrospray Ionization and Collision Induced Dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1385-1395.	2.8	13
7	Discovering exceptionally hard and wear-resistant metallic glasses by combining machine-learning with high throughput experimentation. <i>Applied Physics Reviews</i> , 2022, 9, .	11.3	12
8	Combinatorial Exploration and Mapping of Phase Transformation in a Ni-Ti-Co Thin Film Library. <i>ACS Combinatorial Science</i> , 2020, 22, 641-648.	3.8	10
9	Influence of heteroanion and ammonium cation size on the composition and gas-phase fragmentation of polyoxovanadates. <i>International Journal of Mass Spectrometry</i> , 2013, 354-355, 333-341.	1.5	9
10	A Comparison of Emerging Nonfluoropolymer-Based Coextruded PV Backsheets to Industry-Benchmark Technologies. <i>IEEE Journal of Photovoltaics</i> , 2022, 12, 88-96.	2.5	7
11	XPS group array analysis of a combinatorial Ni-Ti-Co thin film library. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	2.1	3
12	BACKFLIP: Identification of Materials and Changes Upon Aging of Emerging Fluoropolymer-Free and Industry-Benchmark PV Backsheets. , 2021, , .		3
13	Broadband, High-Frequency Permittivity Characterization for Epitaxial $\text{Ba}_{1-x}\text{Ca}_x\text{TiO}_3$ Compositions Spread Thin Films. <i>Physical Review Applied</i> , 2021, 15, .		
14	Characterization data of an (AlFeNiTiVZr) <sub>1-x</sub> Crx multi-principal element alloy continuous composition spread library. <i>Data in Brief</i> , 2021, 34, 106758.	1.0	1
15	Additively Manufactured High-Performance Elastocaloric Materials with Long Fatigue Life. , 2022, , .		0