

# Hashina Parveen Anwar Ali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5698019/publications.pdf>

Version: 2024-02-01

19  
papers

497  
citations

932766

10  
h-index

887659

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress and Roadmap for Intelligent Self-Healing Materials in Autonomous Robotics. <i>Advanced Materials</i> , 2021, 33, e2002800.	11.1	75
2	Interface-mediated plasticity and fracture in nanoscale Cu/Nb multilayers as revealed by in situ clamped microbeam bending. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 803, 140705.	2.6	8
3	Near-hysteresis-free soft tactile electronic skins for wearables and reliable machine learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25352-25359.	3.3	104
4	Environment-Resilient Graphene Vibrotactile Sensitive Sensors for Machine Intelligence. , 2020, 2, 986-992.		26
5	Bioinspired Prosthetic Interfaces. <i>Advanced Materials Technologies</i> , 2020, 5, 1900856.	3.0	42
6	Advances in In situ microfracture experimentation techniques: A case of nanoscale metal-metal multilayered materials. <i>Journal of Materials Research</i> , 2019, 34, 1449-1468.	1.2	17
7	Effect of multilayer interface through in situ fracture of Cu/Nb and Al/Nb metallic multilayers. <i>Journal of Materials Research</i> , 2019, 34, 1564-1573.	1.2	16
8	Designing novel multilayered nanocomposites for high-performance coating materials with online strain monitoring capability. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019, 233, 664-675.	0.7	6
9	Gecko-Inspired Dry Adhesive Based on Micro-Nanoscale Hierarchical Arrays for Application in Climbing Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 1288-1296.	4.0	70
10	Probing Plasticity and Strain-Rate Effects of Indium Submicron Pillars Using Synchrotron Laue X-Ray Microdiffraction. <i>IEEE Transactions on Device and Materials Reliability</i> , 2018, 18, 490-497.	1.5	6
11	Additive Manufacturing Enabled by Electrospinning for Tougher Bio-Inspired Materials. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-9.	1.0	12
12	The roles of interfaces and other microstructural features in Cu/Nb nanolayers as revealed by in situ beam bending experiments inside a scanning electron microscope (SEM). <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 738, 253-263.	2.6	35
13	example of accumulative foil-bonded $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle mml:mrow \rangle \langle mml:mtext \rangle Cu \langle /mml:mtext \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle \langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll" \rangle \langle mml:mrow \rangle \langle mml:mtext \rangle All \langle /mml:mtext \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle \langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle mml:mrow \rangle \langle mml:mtext \rangle A \langle /mml:mtext \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle \langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle mml:mrow \rangle \langle mml:mtext \rangle A \langle /mml:mtext \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$	3.8	48
14	Dry-adhesives based on hierarchical poly(methyl methacrylate) electrospun fibers. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	2
15	Fabrication of PVDF hierarchical fibrillar structures using electrospinning for dry-adhesive applications. <i>Journal of Materials Science</i> , 2017, 52, 2435-2441.	1.7	12
16	Designing Novel Metallic Multilayer Nanocomposites Through Atomic Engineering of Interfaces – Influence of Heat of Mixing. <i>Procedia Engineering</i> , 2017, 215, 226-237.	1.2	2
17	Probing Plasticity Mechanisms in Low Melting Temperature Metallic Nanostructures Using Synchrotron X-Ray Microdiffraction. <i>Procedia Engineering</i> , 2017, 215, 246-262.	1.2	4
18	On the adhesion of hierarchical electrospun fibrous structures and prediction of their pull-off strength. <i>RSC Advances</i> , 2016, 6, 47883-47889.	1.7	8

#	ARTICLE	IF	CITATIONS
19	An Overview of Design Cognition between Experts and Novices. , 2014, , .		4