Hashina Parveen Anwar Ali

List of Publications by Year
in descending order

19	497	932766 10	887659 17
papers	citations	h-index	g-index

19	19	19	603
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nearâ€“hysteresis-free soft tactile electronic skins for wearables and reliable machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25352-25359.	3.3	104
2	Progress and Roadmap for Intelligent Selfâ€Healing Materials in Autonomous Robotics. Advanced Materials, 2021, 33, e2002800.	11.1	75
3	Gecko-Inspired Dry Adhesive Based on Microâ€“Nanoscale Hierarchical Arrays for Application in Climbing Devices. ACS Applied Materials & Interfaces, 2018, 10, 1288-1296.	4.0	70
4	Effects of interface shear strength during failure of semicoherent Metalâ€“Metal nanolaminates: An example of accumulative roll-bonded <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mtext>Cu</mml:mtext></mml:mrow></mml:math>/<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mrow><mml:mtext>Nb</mml:mtext></mml:mrow></mml:math>. Acta Materia	3.8	48
5	Bioinspired Prosthetic Interfaces. Advanced Materials Technologies, 2020, 5, 1900856.	3.0	42
6	The roles of interfaces and other microstructural features in Cu/Nb nanolayers as revealed by in situ beam bending experiments inside an scanning electron microscope (SEM). Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 738, 253-263.	2.6	35
7	Environment-Resilient Graphene Vibrotactile Sensitive Sensors for Machine Intelligence. , 2020, 2, 986-992.		26
8	Advances in In situ microfracture experimentation techniques: A case of nanoscale metalâ€“metal multilayered materials. Journal of Materials Research, 2019, 34, 1449-1468.	1.2	17
9	Effect of multilayer interface through in situ fracture of Cu/Nb and Al/Nb metallic multilayers. Journal of Materials Research, 2019, 34, 1564-1573.	1.2	16
10	Fabrication of PVDF hierarchical fibrillar structures using electrospinning for dry-adhesive applications. Journal of Materials Science, 2017, 52, 2435-2441.	1.7	12
11	Additive Manufacturing Enabled by Electrospinning for Tougher Bio-Inspired Materials. Advances in Materials Science and Engineering, 2018, 2018, 1-9.	1.0	12
12	On the adhesion of hierarchical electrospun fibrous structures and prediction of their pull-off strength. RSC Advances, 2016, 6, 47883-47889.	1.7	8
13	Interface-mediated plasticity and fracture in nanoscale Cu/Nb multilayers as revealed by in situ clamped microbeam bending. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 803, 140705.	2.6	8
14	Probing Plasticity and Strain-Rate Effects of Indium Submicron Pillars Using Synchrotron Laue X-Ray Microdiffraction. IEEE Transactions on Device and Materials Reliability, 2018, 18, 490-497.	1.5	6
15	Designing novel multilayered nanocomposites for high-performance coating materials with online strain monitoring capability. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 664-675.	0.7	6
16	Probing Plasticity Mechanisms in Low Melting Temperature Metallic Nanostructures Using Synchrotron X-Ray Microdiffraction. Procedia Engineering, 2017, 215, 246-262.	1.2	4
17	An Overview of Design Cognition between Experts and Novices. , 2014, , .		4
18	Dry-adhesives based on hierarchical poly(methyl methacrylate) electrospun fibers. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	2

#	Article	IF	Citations
19	Designing Novel Metallic Multilayer Nanocomposites Through Atomic Engineering of Interfaces â€“ Influence of Heat of Mixing. Procedia Engineering, 2017, 215, 226-237.	1.2	2