

Injamamul Arief

List of Publications by Year in descending order

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22
papers

812
citations

586496

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759306

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1117
citing authors

#	ARTICLE	IF	CITATIONS
1	Elastomeric microwell-based triboelectric nanogenerators by in situ simultaneous transfer-printing. <i>Materials Horizons</i> , 2022, 9, 1468-1478.	6.4	20
2	Designing Supertough and Ultrastretchable Liquid Metal-Embedded Natural Rubber Composites for Soft-Matter Engineering. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15610-15620.	4.0	21
3	Super-elastic ultrasoft natural rubber-based piezoresistive sensors for active sensing interface embedded on soft robotic actuator. <i>Applied Materials Today</i> , 2021, 25, 101219.	2.3	14
4	Tunable CoNi microstructures in flexible multilayered polymer films can shield electromagnetic radiation. <i>Composites Part B: Engineering</i> , 2019, 177, 107283.	5.9	33
5	Magnetorheology in CoNi nanoplatelet-based MRFs: Effect of platelet orientation and oscillatory shear. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 479, 326-331.	1.0	12
6	Wool-Ball-Type Core-Dual-Shell FeCo@SiO ₂ @MWCNTs Microcubes for Screening Electromagnetic Interference. <i>ACS Applied Nano Materials</i> , 2018, 1, 2261-2271.	2.4	22
7	Yielding behavior and temperature-induced on-field oscillatory rheological studies in a novel MR suspension containing polymer-capped Fe ₃ Ni alloy microspheres. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 429, 236-240.	1.0	17
8	FeCo-Anchored Reduced Graphene Oxide Framework-Based Soft Composites Containing Carbon Nanotubes as Highly Efficient Microwave Absorbers with Excellent Heat Dissipation Ability. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19202-19214.	4.0	132
9	Magnetorheological Payne effect in bidisperse MR fluids containing Fe nanorods and Fe ₃ O ₄ nanospheres: A dynamic rheological study. <i>Journal of Alloys and Compounds</i> , 2017, 696, 1053-1058.	2.8	30
10	Absorption-Dominated Electromagnetic Wave Suppressor Derived from Ferrite-Doped Cross-Linked Graphene Framework and Conducting Carbon. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3030-3039.	4.0	169
11	Electromagnetic screening in soft conducting composite-containing ferrites: the key role of size and shape anisotropy. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2574-2589.	3.2	26
12	Graphene Derivatives Doped with Nickel Ferrite Nanoparticles as Excellent Microwave Absorbers in Soft Nanocomposites. <i>ChemistrySelect</i> , 2017, 2, 5984-5999.	0.7	14
13	Graphene analogues as emerging materials for screening electromagnetic radiations. <i>Nano Structures Nano Objects</i> , 2017, 11, 94-101.	1.9	36
14	Recent trends in multi-layered architectures towards screening electromagnetic radiation: challenges and perspectives. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7390-7403.	2.7	108
15	Effect of temperature on steady shear magnetorheology of CoNi microcluster-based MR fluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 412, 194-200.	1.0	23
16	Tuning the Shape Anisotropy and Electromagnetic Screening Ability of Ultrahigh Magnetic Polymer and Surfactant-Capped FeCo Nanorods and Nanocubes in Soft Conducting Composites. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26285-26297.	4.0	57
17	Two-step yielding in novel CoNi nanoplatelet-based magnetic fluids under oscillatory rheology. <i>Materials Letters</i> , 2016, 167, 192-196.	1.3	8
18	Dynamic and rate-dependent yielding behavior of Co _{0.9} Ni _{0.1} microcluster based magnetorheological fluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 397, 57-63.	1.0	16

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19	Amphiphilic triblock copolymer-assisted synthesis of hierarchical NiCo nanoflowers by homogeneous nucleation in liquid polyols. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 372, 214-223.	1.0	17
20	Preparation of spherical and cubic Fe ₅₅ Co ₄₅ microstructures for studying the role of particle morphology in magnetorheological suspensions. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 360, 104-108.	1.0	25
21	Synthesis of dimorphic MR fluid containing NiCo nanoflowers by the polymer assisted polyol method and study of its magnetorheological properties. <i>Physica B: Condensed Matter</i> , 2014, 448, 73-76.	1.3	11
22	Fabrication and viscoelastic properties of PVC coated magnetite agglomerates in magneto-rheological suspension. <i>Magneto hydrodynamics</i> , 2013, 49, 479-483.	0.5	1