

Mojammel Alam Khan

List of Publications by Year in descending order

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21
papers

1,012
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1794
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological Hall effect and magnetic states in the Nowotny chimney ladder compound Cr ₁₁ Ge ₁₉ . Physical Review B, 2021, 103, .	3.2	3
2	Tunable positive magnetoresistance of magnetic polyaniline nanocomposites. Advanced Composites and Hybrid Materials, 2021, 4, 534-542.	21.1	78
3	Canted antiferromagnetic order and spin dynamics in the honeycomb-lattice compound TbMn_2S_2 . Physical Review B, 2021, 103, .		
4	Fermi surface topology and nontrivial Berry phase in the flat-band semimetal Pd ₃ Pb. Physical Review B, 2020, 101, .	3.2	1
5	A New Three-Dimensional Subsulfide Ir ₂ In ₈ S with Dirac Semimetal Behavior. Journal of the American Chemical Society, 2019, 141, 19130-19137.	13.7	26
6	Quantum oscillations and a nontrivial Berry phase in the noncentrosymmetric topological superconductor candidate BiPd. Physical Review B, 2019, 99, .	3.2	17
7	Fermi surface, possible unconventional fermions, and unusually robust resistive critical fields in the chiral-structured superconductor AuBe. Physical Review B, 2019, 99, .	3.2	21
8	Steplike metamagnetic transitions in a honeycomb lattice antiferromagnet TbMn_2S_2 . Physical Review Materials, 2019, 3, .		
9	Crystal Growth and Magnetic Properties of Pr ₃ Co _{2+x} Ge ₇ and the Sn-Stabilized Ln ₃ Co _{2+x} Ge ₇ (Ln = Pr, Nd). Tj ETQq 1 1 0.784314 r	3.0	9
10	Anisotropic angular magnetoresistance and Fermi surface topology of the candidate novel topological metal Pd_3Mn . Physical Review Materials, 2018, 2, .	2.4	12
11	The influence of hydrostatic pressure on the magnetic and magnetocaloric properties of DyRu ₂ Si ₂ . Journal of Applied Physics, 2017, 121, 045101.	2.5	3
12	Poly pyrrole-interface-functionalized nano-magnetite epoxy nanocomposites as electromagnetic wave absorbers with enhanced flame retardancy. Journal of Materials Chemistry C, 2017, 5, 5334-5344.	5.5	242
13	Thermal, mechanical and magnetic properties of functionalized magnetite/vinyl ester nanocomposites. RSC Advances, 2016, 6, 91584-91593.	3.6	20
14	Magnetoresistive polyaniline-silicon carbide metacomposites: plasma frequency determination and high magnetic field sensitivity. Physical Chemistry Chemical Physics, 2016, 18, 19536-19543.	2.8	31
15	Strengthened Magnetoresistive Epoxy Nanocomposite Papers Derived from Synergistic Nanomagnetite-Carbon Nanofiber Nanohybrids. Advanced Materials, 2015, 27, 6277-6282.	21.0	79
16	Dielectric properties and magnetoresistance behavior of polyaniline coated carbon fabrics. Journal of Materials Chemistry C, 2015, 3, 3989-3998.	5.5	37
17	Carbon monolith with embedded mesopores and nanoparticles as a novel adsorbent for water treatment. RSC Advances, 2015, 5, 42540-42547.	3.6	17
18	Electromagnetic Field Absorbing Polypropylene Nanocomposites with Tuned Permittivity and Permeability by Nanoiron and Carbon Nanotubes. Journal of Physical Chemistry C, 2014, 118, 24784-24796.	3.1	86

#	ARTICLE	IF	CITATIONS
19	Cellulose derived magnetic mesoporous carbon nanocomposites with enhanced hexavalent chromium removal. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17454-17462.	10.3	167
20	Magnetic graphene oxide nanocomposites: nanoparticles growth mechanism and property analysis. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9478-9488.	5.5	92
21	Reinforced magnetic epoxy nanocomposites with conductive polypyrrole nanocoating on nanomagnetite as a coupling agent. <i>RSC Advances</i> , 2014, 4, 36560.	3.6	57