

# 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

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g-index

21  
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docs citations

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times ranked

1794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polypyrrole-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
2	Cellulose derived magnetic mesoporous carbon nanocomposites with enhanced hexavalent chromium removal. Journal of Materials Chemistry A, 2014, 2, 17454-17462.	10.3	167
3	Magnetic graphene oxide nanocomposites: nanoparticles growth mechanism and property analysis. Journal of Materials Chemistry C, 2014, 2, 9478-9488.	5.5	92
4	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
5	Strengthened Magneto-resistive Epoxy Nanocomposite Papers Derived from Synergistic Nanomagnetite-Carbon Nanofiber Nanohybrids. Advanced Materials, 2015, 27, 6277-6282.	21.0	79
6	Tunable positive magneto-resistance of magnetic polyaniline nanocomposites. Advanced Composites and Hybrid Materials, 2021, 4, 534-542.	21.1	78
7	Reinforced magnetic epoxy nanocomposites with conductive polypyrrole nanocoating on nanomagnetite as a coupling agent. RSC Advances, 2014, 4, 36560.	3.6	57
8	Dielectric properties and magneto-resistance behavior of polyaniline coated carbon fabrics. Journal of Materials Chemistry C, 2015, 3, 3989-3998.	5.5	37
9	Magneto-resistive polyaniline-silicon carbide metacomposites: plasma frequency determination and high magnetic field sensitivity. Physical Chemistry Chemical Physics, 2016, 18, 19536-19543.	2.8	31
10	A New Three-Dimensional Sub-sulfide $\text{Ir}_2\text{In}_8\text{S}$ with Dirac Semimetal Behavior. Journal of the American Chemical Society, 2019, 141, 19130-19137.	13.7	26
11	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
12	Thermal, mechanical and magnetic properties of functionalized magnetite/vinyl ester nanocomposites. RSC Advances, 2016, 6, 91584-91593.	3.6	20
13	Carbon monolith with embedded mesopores and nanoparticles as a novel adsorbent for water treatment. RSC Advances, 2015, 5, 42540-42547.	3.6	17
14	Quantum oscillations and a nontrivial Berry phase in the noncentrosymmetric topological superconductor candidate BiPd. Physical Review B, 2019, 99, .	3.2	17
15	Anisotropic angular magneto-resistance and Fermi surface topology of the candidate novel topological metal $\text{Pd}_3\text{Mn}_4\text{Mn}_{12}$ . Physical Review Materials, 2018, 2, .	2.4	12
16	Crystal Growth and Magnetic Properties of $\text{Pr}_3\text{Co}_2\text{Ge}_7$ and the Sn-Stabilized $\text{Ln}_3\text{Co}_2\text{Ge}_7$ ( $\text{Ln} = \text{Pr, Nd}$ ). Tj ETQ 0 0 r gBT /Overlo	3.0	8
17	Steplike metamagnetic transitions in a honeycomb lattice antiferromagnet $\text{Tb}_2\text{Mn}_4\text{Mn}_8$ . Physical Review Materials, 2019, 3, .	2.4	8
18	Canted antiferromagnetic order and spin dynamics in the honeycomb-lattice compound $\text{Tb}_2\text{Mn}_4\text{Mn}_8$ . Physical Review B, 2021, 103, .	3.2	15

#	ARTICLE	IF	CITATIONS
19	The influence of hydrostatic pressure on the magnetic and magnetocaloric properties of DyRu <sub>2</sub> Si <sub>2</sub> . Journal of Applied Physics, 2017, 121, 045101.	2.5	3
20	Topological Hall effect and magnetic states in the Nowotny chimney ladder compound Cr <sub>11</sub> Ge <sub>19</sub> . Physical Review B, 2021, 103, .	3.2	3
21	Fermi surface topology and nontrivial Berry phase in the flat-band semimetal Pd <sub>3</sub> Pb. Physical Review B, 2020, 101, .	3.2	1