Minwoong Joe

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8060794/publications.pdf

Version: 2024-02-01

22	376	687363 13	794594 19
papers	citations	h-index	g-index

24	24	24	670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> a bipolar semiconducting fully compensated ferrimagnet. Physical Review Materials, 2022, 6, .	2.4	1
2	Resonant tunnelling diodes based on twisted black phosphorus homostructures. Nature Electronics, 2021, 4, 269-276.	26.0	41
3	Iron-based ferromagnetic van der Waals materials. Journal Physics D: Applied Physics, 2021, 54, 473002.	2.8	5
4	Synthesis of 2D semiconducting single crystalline Bi₂S₃ for high performance electronics. Physical Chemistry Chemical Physics, 2021, 23, 26806-26812.	2.8	4
5	Exchange Bias Effect in Ferro-/Antiferromagnetic van der Waals Heterostructures. Nano Letters, 2020, 20, 3978-3985.	9.1	13
6	First-principles study of ferromagnetic metal Fe5GeTe2. Nano Materials Science, 2019, 1, 299-303.	8.8	26
7	Dominant in-plane cleavage direction of CrPS4. Computational Materials Science, 2019, 162, 277-280.	3.0	6
8	Accumulation-Driven Unified Spatiotemporal Synthesis and Structuring of Immiscible Metallic Nanoalloys. Matter, 2019, 1, 1606-1617.	10.0	29
9	Nanopatched Graphene with Molecular Selfâ€Assembly Toward Grapheneâ€“Organic Hybrid Soft Electronics. Advanced Materials, 2018, 30, e1706480.	21.0	26
10	A comprehensive study of piezomagnetic response in CrPS₄monolayer: mechanical, electronic properties and magnetic ordering under strains. Journal of Physics Condensed Matter, 2017, 29, 405801.	1.8	28
11	An ideal polymeric C60 coating on a Si electrode for durable Li-ion batteries. Carbon, 2014, 77, 1140-1147.	10.3	19
12	Stress reduction of diamond-like carbon by Si incorporation: A molecular dynamics study. Surface and Coatings Technology, 2013, 228, S190-S193.	4.8	22
13	Atomistic simulations of diamond-like carbon growth. Thin Solid Films, 2012, 521, 239-244.	1.8	10
14	Inâ€situ observation of ion beamâ€induced nanostructure formation on a Cu(In,Ga)Se₂ Surface. Surface and Interface Analysis, 2012, 44, 1542-1546.	1.8	5
15	Molecular dynamics simulation study of the growth of a rough amorphous carbon film by the grazing incidence of energetic carbon atoms. Carbon, 2012, 50, 404-410.	10.3	32
16	Reactive molecular dynamics simulation of early stage of dry oxidation of Si (100) surface. Journal of Applied Physics, 2011, 110, .	2.5	26
17	One-dimensional pattern of Au nanodots by ion-beam sputtering: formation and mechanism. Nanotechnology, 2011, 22, 285301.	2.6	26
18	Enhancement of electrocatalytic activity of gold nanoparticles by sonochemical treatment. Chemical Communications, 2010, 46, 5656.	4.1	23

#	Article	IF	Citations
19	Nanopatterning by multiple-ion-beam sputtering. Journal of Physics Condensed Matter, 2009, 21, 224011.	1.8	13
20	Study on the Phase Transition Behavior of Ni Nano-Clusters Using Molecular Dynamics Simulation. Journal of Computational and Theoretical Nanoscience, 2009, 6, 2442-2445.	0.4	2
21	Nanopatterning by dual-ion-beam sputtering. Applied Physics Letters, 2007, 91, 233115.	3.3	17
22	Accumulation-Driven Surfactant-Free Synthesis of Architectured Immiscible Metallic Nanoalloys with Enhanced Catalysis. SSRN Electronic Journal, 0, , .	0.4	0