

Haider I Rasool

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,339
citations

759233

12
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

2869
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the intrinsic strength of crystalline and polycrystalline graphene. Nature Communications, 2013, 4, .	12.8	246
2	3D Motion of DNA-Au Nanoconjugates in Graphene Liquid Cell Electron Microscopy. Nano Letters, 2013, 13, 4556-4561.	9.1	184
3	Continuity of Graphene on Polycrystalline Copper. Nano Letters, 2011, 11, 251-256.	9.1	175
4	Atomic-Scale Characterization of Graphene Grown on Copper (100) Single Crystals. Journal of the American Chemical Society, 2011, 133, 12536-12543.	13.7	154
5	Robust bi-stable memory operation in single-layer graphene ferroelectric memory. Applied Physics Letters, 2011, 99, .	3.3	140
6	Preparation and Properties of Metallic, Superhard Rhenium Diboride Crystals. Journal of the American Chemical Society, 2008, 130, 16953-16958.	13.7	119
7	Atomic Defects in Two Dimensional Materials. Advanced Materials, 2015, 27, 5771-5777.	21.0	88
8	Incompressibility and Hardness of Solid Solution Transition Metal Diborides: Os _{1-x} Ru _x B ₂ . Chemistry of Materials, 2009, 21, 1915-1921.	6.7	70
9	Molecular Arrangement and Charge Transfer in C ₆₀ /Graphene Heterostructures. ACS Nano, 2017, 11, 4686-4693.	14.6	60
10	Conserved Atomic Bonding Sequences and Strain Organization of Graphene Grain Boundaries. Nano Letters, 2014, 14, 7057-7063.	9.1	40
11	A low noise all-fiber interferometer for high resolution frequency modulated atomic force microscopy imaging in liquids. Review of Scientific Instruments, 2010, 81, 023703.	1.3	39
12	Automatic software correction of residual aberrations in reconstructed HRTEM exit waves of crystalline samples. Advanced Structural and Chemical Imaging, 2016, 2, 15.	4.0	14
13	Studies of the dynamics of biological macromolecules using Au nanoparticle-DNA artificial molecules. Faraday Discussions, 2014, 175, 203-214.	3.2	10