

Meng Hu, M Hu

List of Publications by Year in descending order

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14
papers

412
citations

933264

10
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-energy 3D sp^2 carbons with versatile properties beyond graphite and graphene. Dalton Transactions, 2018, 47, 6233-6239.	1.6	7
2	Novel carbon polymorphs with cumulative double bonds in three-dimensional sp^2 hybrid framework. Physical Chemistry Chemical Physics, 2018, 20, 15022-15029.	1.3	7
3	Mechanically ductile 3D sp^2 microporous carbon. Journal of Materials Science, 2018, 53, 4316-4322.	1.7	10
4	Multithreaded conductive carbon: 1D conduction in 3D carbon. Carbon, 2017, 115, 584-588.	5.4	17
5	Compressed glassy carbon: An ultrastrong and elastic interpenetrating graphene network. Science Advances, 2017, 3, e1603213.	4.7	110
6	Novel high-pressure phases of AIP from first principles. Journal of Applied Physics, 2016, 119, .	1.1	11
7	Superhard sp^2 hybrid carbon allotropes with tunable electronic properties. AIP Advances, 2016, 6, 055020.	0.6	20
8	Superhard superstrong carbon clathrate. Carbon, 2016, 105, 151-155.	5.4	33
9	A new phase from compression of carbon nanotubes with anisotropic Dirac fermions. Scientific Reports, 2015, 5, 10713.	1.6	23
10	Three dimensional graphdiyne polymers with tunable band gaps. Carbon, 2015, 91, 518-526.	5.4	35
11	Three-dimensional sp^2 -hybridized carbons consisting of orthogonal nanoribbons of graphene and net C. Physical Chemistry Chemical Physics, 2015, 17, 13028-13033.	1.3	22
12	Theoretical two-atom thick semiconducting carbon sheet. Physical Chemistry Chemical Physics, 2014, 16, 18118-18123.	1.3	19
13	Superhard and high-strength yne-diamond semimetals. Diamond and Related Materials, 2014, 46, 15-20.	1.8	18
14	Compressed carbon nanotubes: A family of new multifunctional carbon allotropes. Scientific Reports, 2013, 3, 1331.	1.6	80