

Meng Hu, M Hu

List of Publications by Year in descending order

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14
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933264

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583
citing authors

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