In Tak Jeon

List of Publications by Year
in descending order

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17	393	840776 11	888059 17
papers	citations	h-index	g-index

17	17	17	730
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyaniline Nanofiber Electrodes for Reversible Capture and Release of Mercury(II) from Water. Journal of the American Chemical Society, 2018, 140, 14413-14420.	13.7	87
2	Insights into Magneto-Optics of Helical Conjugated Polymers. Journal of the American Chemical Society, 2018, 140, 6501-6508.	13.7	76
3	Janus Graphene: Scalable Selfâ€Assembly and Solutionâ€Phase Orthogonal Functionalization. Advanced Materials, 2019, 31, e1900438.	21.0	42
4	Hyperstage Graphite: Electrochemical Synthesis and Spontaneous Reactive Exfoliation. Advanced Materials, 2018, 30, 1704538.	21.0	38
5	Niâ€“Au coreâ€“shell nanowires: synthesis, microstructures, biofunctionalization, and the toxicological effects on pancreatic cancer cells. Journal of Materials Chemistry, 2011, 21, 12089.	6.7	24
6	Ultrahigh Tensile Strength Nanowires with a Ni/Niâ€“Au Multilayer Nanocrystalline Structure. Nano Letters, 2016, 16, 3500-3506.	9.1	21
7	Compositional Dependence of Magnetic Properties in CoFe/Au Nanobarcodes. Applied Physics Express, 2012, 5, 103003.	2.4	18
8	Magnetic NiFe/Au barcode nanowires with self-powered motion. Journal of Applied Physics, 2012, 111, .	2.5	17
9	Porous Ion Exchange Polymer Matrix for Ultrasmall Au Nanoparticle-Decorated Carbon Nanotube Chemiresistors. Chemistry of Materials, 2019, 31, 5413-5420.	6.7	17
10	Magnetically driven spinning nanowires as effective materials for eradicating living cells. Journal of Applied Physics, 2012, 111, .	2.5	14
11	Radio frequency-mediated local thermotherapy for destruction of pancreatic tumors using Niâ€“Au coreâ€“shell nanowires. Nanotechnology, 2017, 28, 03LT01.	2.6	13
12	Dynamic Fluidâ€Like Graphene with Ultralow Frictional Molecular Bearing. Advanced Materials, 2019, 31, e1903195.	21.0	10
13	Dimensional Dependence of Magnetic Properties in Arrays of CoFe/Au Barcode Nanowire. IEEE Transactions on Magnetics, 2012, 48, 3929-3932.	2.1	9
14	Synthesis and magnetic properties of multifunctional CoPtAu nanoparticles. Journal of Applied Physics, 2009, 105, 07B527.	2.5	3
15	Modular synthesis of polymers containing 2,5â€di(thiophenyl)â€Nâ€arylpyrrole. Journal of Polymer Science Part A, 2018, 56, 1133-1139.	2.3	2
16	Dynamic Microcontainers as Microvacuums for Collecting Nanomaterials After Clinical Treatments. IEEE Transactions on Magnetics, 2013, 49, 3464-3467.	2.1	1
17	Phase dependent magnetic properties of Niâ€“Au alloy nanowires. Materials Letters, 2014, 116, 86-90.	2.6	1