Jinlong Jiang

List of Publications by Year
in descending order

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48 papers	1,282 citations	394421 19 h-index	361022 35 g-index
48 all docs	48 docs citations	48 times ranked	1707 citing authors

#	Article	IF	Citations
1	Novel combination of nickel-cobalt sulfide and oxide derived from Ni2CoS4@ZIF-67 for high performance supercapacitor. Journal of Alloys and Compounds, 2022, 898, 162861.	5.5	18
2	Exploring the effects of temperature-driven phase transition on supercapacitive performance of cobalt diselenide. Journal of Power Sources, 2022, 541, 231683.	7.8	6
3	The synergistic effect of carbon nanotubes and graphitic carbon nitride on the enhanced supercapacitor performance of cobalt diselenide-based composites. New Journal of Chemistry, 2021, 45, 14808-14814.	2.8	12
4	Preparation and Tribological Properties of Graphene Oxide/Polydopamine-Derived Carbon Films on Silicon Substrate. Journal of Materials Engineering and Performance, 2021, 30, 2462-2472.	2.5	2
5	FeCo₂S₄@Ni@graphene Nanocomposites with Rich Defects Induced by Heterointerface Engineering for High-Performance Supercapacitors. ACS Applied Energy Materials, 2021, 4, 3288-3296.	5.1	25
6	Selenium-doped carbon nanotubes/nickel selenide coaxial nanocables for energy storage. Journal of Power Sources, 2021, 514, 230587.	7.8	18
7	Nickel cobalt sulfide nanoparticles grown on titanium carbide MXenes for high-performance supercapacitor. Electrochimica Acta, 2020, 332, 135514.	5.2	41
8	Improving supercapacitive performance of CNTs/NiCo2S4 composites by interface regulation. Applied Surface Science, 2020, 530, 147317.	6.1	28
9	Synthesis of Hierarchical Porous Ni1.5Co1.5S4/g-C3N4 Composite for Supercapacitor with Excellent Cycle Stability. Nanomaterials, 2020, 10, 1631.	4.1	8
10	High-Performance Asymmetric Supercapacitors Based on the Ni1.5Co1.5S₄@CNTs Nanocomposites. Nano, 2020, 15, 2050136.	1.0	8
11	Facile synthesis and supercapacitance performance of nickel oxide decorated carbon nanotube arrays on graphene-protected copper. Materials Research Express, 2019, 6, 115630.	1.6	2
12	Structure evolution and stress transition in diamond-like carbon films by glancing angle deposition. Applied Surface Science, 2019, 479, 12-19.	6.1	21
13	Enhance supercapacitive performance of MnO2/3D carbon nanotubes-graphene as a binder-free electrode. Journal of Alloys and Compounds, 2019, 787, 759-766.	5.5	42
14	The Synthesis and Tribological Properties of Carbonized Polydopamine/Ag Composite Films. Journal of Materials Engineering and Performance, 2019, 28, 7213-7226.	2.5	7
15	In-situ fabrication of graphene-nickel matrix composites. Materials Letters, 2018, 220, 178-181.	2.6	74
16	A Hydrothermal Route to the Synthesis of CaTiO3 Nanocuboids Using P25 as the Titanium Source. Journal of Electronic Materials, 2018, 47, 3045-3050.	2.2	67
17	Growth process and enhanced photocatalytic performance of CuBi2O4 hierarchical microcuboids decorated with AuAg alloy nanoparticles. Journal of Materials Science: Materials in Electronics, 2018, 29, 1304-1316.	2.2	41
18	Effect of Counterparts and Applied Load on the Tribological Behavior of the Grapheneâ€“Nickel Matrix Self-Lubricating Composite. Tribology Letters, 2018, 66, 1.	2.6	7

#	Article	IF	Citations
19	Microstructure and optical properties of ZnO nanorods prepared by anodic arc plasma method. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 105-111.	1.6	5
20	Tribological properties and lubrication mechanism of in situ graphene-nickel matrix composite impregnated with lubricating oil. Materials Research Express, 2018, 5, 056512.	1.6	16
21	Tribological behavior of in situ fabricated grapheneâ€“nickel matrix composites. RSC Advances, 2018, 8, 22113-22121.	3.6	39
22	Synthesis and properties of magnetic zeolite with good magnetic stability from fly ash. Journal of Sol-Gel Science and Technology, 2018, 87, 408-418.	2.4	12
23	Electrochemical synthesis of aligned amorphous carbon nanotubes/TiO2 nanotubes heterostructured arrays and its field emission properties. Diamond and Related Materials, 2017, 74, 205-211.	3.9	9
24	Optical and magnetic properties of Co and Ni co-doped ZnS nanorods prepared by hydrothermal method. Journal of Alloys and Compounds, 2017, 698, 754-760.	5.5	37
25	Structure, mechanical and tribological properties of TiSiC films deposited by magnetron sputtering segment target. Materials Research Express, 2017, 4, 126401.	1.6	2
26	Effects of Cobalt Doping on the Microstructure and Optical Properties of ZnAl2O4 Nanoparticles. Russian Journal of Physical Chemistry A, 2017, 91, 2651-2656.	0.6	3
27	Optical and Magnetic Properties of Ni Doped ZnS Diluted Magnetic Semiconductors Synthesized by Hydrothermal Method. Journal of Nanomaterials, 2017, 2017, 1-9.	2.7	18
28	Room Temperature Ferromagnetic and Optical Properties of Chrome Doped ZnS Nanorods Prepared by Hydrothermal Method. Journal of Nanomaterials, 2017, 2017, 1-8.	2.7	10
29	Properties of a-C:H:Si thin films deposited by middle-frequency magnetron sputtering. Applied Surface Science, 2016, 379, 516-522.	6.1	21
30	Enhanced field emission properties from graphene-TiO 2 /DLC nanocomposite films prepared by ultraviolet-light assisted electrochemical deposition. Journal of Alloys and Compounds, 2016, 686, 588-592.	5.5	14
31	Growth and Transfer of Seamless 3D Grapheneâ€“Nanotube Hybrids. Nano Letters, 2016, 16, 1287-1292.	9.1	26
32	Growing Carbon Nanotubes from Both Sides of Graphene. ACS Applied Materials & Interfaces, 2016, 8, 7356-7362.	8.0	34
33	Optical properties and microstructure of Ni doped ZnAl2O4 nanopowders synthesized by solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2015, 26, 6606-6611.	2.2	7
34	Carbon Nanomaterials and Related Nanostructures: Synthesis, Characterization, and Application. Journal of Nanomaterials, 2014, 2014, 1-1.	2.7	1
35	Optical and Magnetic Properties of Fe Doped ZnO Nanoparticles Obtained by Hydrothermal Synthesis. Journal of Nanomaterials, 2014, 2014, 1-6.	2.7	56
36	Influence of Applied Bias Voltage on the Composition, Structure, and Properties of Ti:Si-Codoped a-C:H Films Prepared by Magnetron Sputtering. Journal of Nanomaterials, 2014, 2014, 1-7.	2.7	3

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37	Comparative study on structure and properties of titanium/silicon monoâ€•and coâ€doped amorphous carbon films deposited by midâ€frequency magnetron sputtering. Surface and Interface Analysis, 2014, 46, 139-144.	1.8	8
38	Microstructure and property changes induced by substrate rotation in titanium/silicon dual-doped a-C:H films deposited by mid-frequency magnetron sputtering. Surface and Coatings Technology, 2014, 240, 419-424.	4.8	10
39	Influence of annealing process on ferromagnetism of undoped TiO2 nanoparticles prepared by solâ€“gel method. Materials Science in Semiconductor Processing, 2014, 21, 111-115.	4.0	22
40	Synthesis and characterization of Fe and Ni co-doped ZnO nanorods synthesized by a hydrothermal method. Ceramics International, 2014, 40, 14635-14640.	4.8	32
41	Preparation of magnetic Ni/wollastonite and zeolite P/Ni/wollastonite composite fibers. Applied Surface Science, 2012, 258, 8283-8288.	6.1	6
42	Synthesis of zeolite A from palygorskite via acid activation. Applied Clay Science, 2012, 55, 108-113.	5.2	49
43	Controllable synthesis of sodalite submicron crystals and microspheres from palygorskite clay using a two-step approach. Powder Technology, 2012, 217, 298-303.	4.2	18
44	Superlow friction of titanium/silicon codoped hydrogenated amorphous carbon film in the ambient air. Journal of Applied Physics, 2010, 108, .	2.5	28
45	Structure and characteristics of amorphous (Ti,Si)â€“C:H films deposited by reactive magnetron sputtering. Diamond and Related Materials, 2010, 19, 1172-1177.	3.9	31
46	Wear behavior of Cu matrix composites reinforced with mixture of carbon and carbon nanotubes. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 254-257.	1.0	5
47	The effects of CNT alignment on electrical conductivity and mechanical properties of SWNT/epoxy nanocomposites. Composites Science and Technology, 2008, 68, 1644-1648.	7.8	316
48	Preparation of magnetic hollow ZSM-5/Ni composite spheres. Microporous and Mesoporous Materials, 2008, 112, 450-457.	4.4	17