

# Jinlong Jiang

## List of Publications by Year in descending order

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48  
papers

1,282  
citations

394421

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48  
docs citations

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times ranked

1707  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of CNT alignment on electrical conductivity and mechanical properties of SWNT/epoxy nanocomposites. <i>Composites Science and Technology</i> , 2008, 68, 1644-1648.	7.8	316
2	In-situ fabrication of graphene-nickel matrix composites. <i>Materials Letters</i> , 2018, 220, 178-181.	2.6	74
3	A Hydrothermal Route to the Synthesis of CaTiO <sub>3</sub> Nanocuboids Using P25 as the Titanium Source. <i>Journal of Electronic Materials</i> , 2018, 47, 3045-3050.	2.2	67
4	Optical and Magnetic Properties of Fe Doped ZnO Nanoparticles Obtained by Hydrothermal Synthesis. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-6.	2.7	56
5	Synthesis of zeolite A from palygorskite via acid activation. <i>Applied Clay Science</i> , 2012, 55, 108-113.	5.2	49
6	Enhance supercapacitive performance of MnO <sub>2</sub> /3D carbon nanotubes-graphene as a binder-free electrode. <i>Journal of Alloys and Compounds</i> , 2019, 787, 759-766.	5.5	42
7	Growth process and enhanced photocatalytic performance of CuBi <sub>2</sub> O <sub>4</sub> hierarchical microcuboids decorated with AuAg alloy nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1304-1316.	2.2	41
8	Nickel cobalt sulfide nanoparticles grown on titanium carbide MXenes for high-performance supercapacitor. <i>Electrochimica Acta</i> , 2020, 332, 135514.	5.2	41
9	Tribological behavior of <i>in situ</i> fabricated graphene-nickel matrix composites. <i>RSC Advances</i> , 2018, 8, 22113-22121.	3.6	39
10	Optical and magnetic properties of Co and Ni co-doped ZnS nanorods prepared by hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2017, 698, 754-760.	5.5	37
11	Growing Carbon Nanotubes from Both Sides of Graphene. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 7356-7362.	8.0	34
12	Synthesis and characterization of Fe and Ni co-doped ZnO nanorods synthesized by a hydrothermal method. <i>Ceramics International</i> , 2014, 40, 14635-14640.	4.8	32
13	Structure and characteristics of amorphous (Ti,Si)-C:H films deposited by reactive magnetron sputtering. <i>Diamond and Related Materials</i> , 2010, 19, 1172-1177.	3.9	31
14	Superlow friction of titanium/silicon codoped hydrogenated amorphous carbon film in the ambient air. <i>Journal of Applied Physics</i> , 2010, 108, .	2.5	28
15	Improving supercapacitive performance of CNTs/NiCo <sub>2</sub> S <sub>4</sub> composites by interface regulation. <i>Applied Surface Science</i> , 2020, 530, 147317.	6.1	28
16	Growth and Transfer of Seamless 3D Graphene-Nanotube Hybrids. <i>Nano Letters</i> , 2016, 16, 1287-1292.	9.1	26
17	FeCo <sub>2</sub> S <sub>4</sub> @Ni/graphene Nanocomposites with Rich Defects Induced by Heterointerface Engineering for High-Performance Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 3288-3296.	5.1	25
18	Influence of annealing process on ferromagnetism of undoped TiO <sub>2</sub> nanoparticles prepared by sol-gel method. <i>Materials Science in Semiconductor Processing</i> , 2014, 21, 111-115.	4.0	22

#	ARTICLE	IF	CITATIONS
19	Properties of a-C:H:Si thin films deposited by middle-frequency magnetron sputtering. Applied Surface Science, 2016, 379, 516-522.	6.1	21
20	Structure evolution and stress transition in diamond-like carbon films by glancing angle deposition. Applied Surface Science, 2019, 479, 12-19.	6.1	21
21	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
22	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
23	Selenium-doped carbon nanotubes/nickel selenide coaxial nanocables for energy storage. Journal of Power Sources, 2021, 514, 230587.	7.8	18
24	Novel combination of nickel-cobalt sulfide and oxide derived from Ni <sub>2</sub> CoS <sub>4</sub> @ZIF-67 for high performance supercapacitor. Journal of Alloys and Compounds, 2022, 898, 162861.	5.5	18
25	Preparation of magnetic hollow ZSM-5/Ni composite spheres. Microporous and Mesoporous Materials, 2008, 112, 450-457.	4.4	17
26	Tribological properties and lubrication mechanism of <i>in situ</i> graphene-nickel matrix composite impregnated with lubricating oil. Materials Research Express, 2018, 5, 056512.	1.6	16
27	Enhanced field emission properties from graphene-TiO <sub>2</sub> /DLC nanocomposite films prepared by ultraviolet-light assisted electrochemical deposition. Journal of Alloys and Compounds, 2016, 686, 588-592.	5.5	14
28	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
29	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
30	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
31	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
32	Electrochemical synthesis of aligned amorphous carbon nanotubes/TiO <sub>2</sub> nanotubes heterostructured arrays and its field emission properties. Diamond and Related Materials, 2017, 74, 205-211.	3.9	9
33	Comparative study on structure and properties of titanium/silicon mono- and co-doped amorphous carbon films deposited by mid-frequency magnetron sputtering. Surface and Interface Analysis, 2014, 46, 139-144.	1.8	8
34	Synthesis of Hierarchical Porous Ni <sub>1.5</sub> Co <sub>1.5</sub> S <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> Composite for Supercapacitor with Excellent Cycle Stability. Nanomaterials, 2020, 10, 1631.	4.1	8
35	High-Performance Asymmetric Supercapacitors Based on the Ni <sub>1.5</sub> Co <sub>1.5</sub> S <sub>4</sub> @CNTs Nanocomposites. Nano, 2020, 15, 2050136.	1.0	8
36	Optical properties and microstructure of Ni doped ZnAl <sub>2</sub> O <sub>4</sub> nanopowders synthesized by sol-gel method. Journal of Materials Science: Materials in Electronics, 2015, 26, 6606-6611.	2.2	7

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37	Effect of Counterparts and Applied Load on the Tribological Behavior of the Graphene-Nickel Matrix Self-Lubricating Composite. <i>Tribology Letters</i> , 2018, 66, 1.	2.6	7
38	The Synthesis and Tribological Properties of Carbonized Polydopamine/Ag Composite Films. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 7213-7226.	2.5	7
39	Preparation of magnetic Ni/wollastonite and zeolite P/Ni/wollastonite composite fibers. <i>Applied Surface Science</i> , 2012, 258, 8283-8288.	6.1	6
40	Exploring the effects of temperature-driven phase transition on supercapacitive performance of cobalt diselenide. <i>Journal of Power Sources</i> , 2022, 541, 231683.	7.8	6
41	Wear behavior of Cu matrix composites reinforced with mixture of carbon and carbon nanotubes. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009, 24, 254-257.	1.0	5
42	Microstructure and optical properties of ZnO nanorods prepared by anodic arc plasma method. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2018, 16, 105-111.	1.6	5
43	Influence of Applied Bias Voltage on the Composition, Structure, and Properties of Ti:Si-Codoped a-C:H Films Prepared by Magnetron Sputtering. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-7.	2.7	3
44	Effects of Cobalt Doping on the Microstructure and Optical Properties of ZnAl <sub>2</sub> O <sub>4</sub> Nanoparticles. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 2651-2656.	0.6	3
45	Structure, mechanical and tribological properties of TiSiC films deposited by magnetron sputtering segment target. <i>Materials Research Express</i> , 2017, 4, 126401.	1.6	2
46	Facile synthesis and supercapacitance performance of nickel oxide decorated carbon nanotube arrays on graphene-protected copper. <i>Materials Research Express</i> , 2019, 6, 115630.	1.6	2
47	Preparation and Tribological Properties of Graphene Oxide/Polydopamine-Derived Carbon Films on Silicon Substrate. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 2462-2472.	2.5	2
48	Carbon Nanomaterials and Related Nanostructures: Synthesis, Characterization, and Application. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-1.	2.7	1