

Jian Yu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nodes-connected silicon-carbon nanofibrous hybrids anodes for lithium-ion batteries. Applied Surface Science, 2021, 548, 148944.	6.1	36
2	LiNbO ₃ -Based SAW Sensors Capable to Measure up to 1100°C High Temperature. IEEE Sensors Journal, 2020, 20, 12679-12683.	4.7	28
3	Robust Ferromagnetism of Chromium Nanoparticles Formed in Superfluid Helium. Advanced Materials, 2017, 29, 1604277.	21.0	19
4	Propagation of the finite energy Airy-Hermite-Gaussian beams in uniaxial crystals orthogonal to the optical axis. Journal of Modern Optics, 2017, 64, 616-623.	1.3	18
5	Splitting of the ultraviolet plasmon resonance from controlling FePt nanoparticles morphology. Applied Surface Science, 2018, 435, 1-6.	6.1	15
6	Pulsed laser deposition of monolayer and bilayer graphene. Applied Surface Science, 2019, 494, 651-658.	6.1	14
7	Ectodermal Wnt signaling regulates abdominal myogenesis during ventral body wall development. Developmental Biology, 2014, 387, 64-72.	2.0	13
8	Realization of Tunable Localized Surface Plasmon Resonance of Cu@Cu ₂ O Core-Shell Nanoparticles by the Pulse Laser Deposition Method. ACS Omega, 2019, 4, 14404-14410.	3.5	11
9	Tailoring the Grain Size of Bi-Layer Graphene by Pulsed Laser Deposition. Nanomaterials, 2018, 8, 885.	4.1	8
10	Laser-Induced MoO _x /Sulfur-Doped Graphene Hybrid Frameworks as Efficient Antibacterial Agents. Langmuir, 2021, 37, 1596-1604.	3.5	8
11	A Study of All-solid-state Planar Micro-supercapacitors Using Printable MoS ₂ Inks. Chemistry Letters, 2021, 50, 452-455.	1.3	7
12	Bone marrow fibrosis with fibrocytic and immunoregulatory responses induced by β -catenin activation in osteoprogenitors. Bone, 2016, 84, 38-46.	2.9	6
13	The microstructure, strain state and optical properties of FePt nano-clusters in MgO matrix. Journal of Alloys and Compounds, 2018, 731, 554-559.	5.5	6
14	Free-standing films based on Ni wires core/foamed NiO shell as hosts for stable lithium anodes. Journal of Power Sources, 2021, 506, 230161.	7.8	6
15	Epitaxial growth of graphene thin film by pulsed laser deposition. Micro and Nano Letters, 2015, 10, 649-652.	1.3	5
16	ZnO Nanotapered Arrays With Successively Modulated Sharpness Via a Supersaturation-Controlled Hydrothermal Reaction for Efficient Field Emitters. IEEE Nanotechnology Magazine, 2016, 15, 261-267.	2.0	5
17	In-plane Defect Engineering Enabling Ultra-stable Graphene Paper-based Hosts for Lithium Metal Anodes. ChemElectroChem, 2021, 8, 3273-3281.	3.4	5
18	Investigation of Zn _{1-x} Cd _x O films bandgap and Zn _{1-x} Cd _x . Chinese Physics B, 2017, 26, 087309.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Carbon Foam Fibers with a Concentric Tube-Core/Three-Dimensional Nanosheet-Sheath Structure for High-Performance Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , 2021, 8, 873-879.	3.4	4
20	Effect of different surface states of FeCrAl alloy wires on terahertz radiation. <i>Journal of Alloys and Compounds</i> , 2016, 686, 841-846.	5.5	3
21	Structural stability, phase transition, electronic, elastic and thermodynamic properties of RuX (X=Si, Ti, Zr, Hf, Nb, Ta). <i>Journal of Applied Physics</i> , 2019, 125, 125103.	5.5	3
22	Annealing Condition Effects on the Structural Properties of FePt Nanoparticles Embedded in MgO via Pulsed Laser Deposition. <i>Nanomaterials</i> , 2021, 11, 131.	4.1	3
23	Broadband terahertz emission from FeCrAl alloy films deposited by magnetron sputtering technology. <i>Optical Materials</i> , 2018, 85, 438-443.	3.6	2
24	A Controllability Investigation of Magnetic Properties for FePt Alloy Nanocomposite Thin Films. <i>Nanomaterials</i> , 2019, 9, 53.	4.1	2
25	The Nucleation Process in the Preparation of Graphene Films by Pulsed Laser Deposition. <i>Journal of Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 343-348.	1.0	1
26	Spacing-dependent nonlinear optical study of FePt nanoparticles composited films. <i>Journal of Alloys and Compounds</i> , 2020, 832, 154870.	5.5	1
27	Distributed feedback 2.5-terahertz quantum cascade laser with high-power and single-mode emission. <i>Optical Engineering</i> , 2020, 59, 1.	1.0	1
28	Pulsed laser deposited Ni _x Mg _{1-x} O film characterization and band gap investigation. <i>Materials Research Express</i> , 2018, 5, 076403.	1.6	0
29	The structural evolution in the growth process of FePt embedded in MgO matrix. <i>Journal of Materials Science</i> , 2020, 55, 12305-12313.	3.7	0