

Wei Ren

List of Publications by Year in descending order

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32
papers

481
citations

567281

15
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times ranked

437
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of medium entropy Mn _{1.56} Co _{0.96} Ni _{0.48} O ₄ films by solid-state reaction. <i>Journal of Solid State Chemistry</i> , 2022, 306, 122742.	2.9	3
2	Effects of in-situ oxidation and annealing on Mn-Co-Ni-Cu-O thin films. <i>Ceramics International</i> , 2022, 48, 8451-8456.	4.8	3
3	Annealing effects on the optical and electrochemical properties of tantalum pentoxide films. <i>Journal of Advanced Ceramics</i> , 2021, 10, 704-713.	17.4	18
4	Molybdenum Carbide Buried in D-Shaped Fibers as a Novel Saturable Absorber Device for Ultrafast Photonics Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19128-19137.	8.0	17
5	Molybdenum Disulfide Film Saturable Absorber Based on Sol-Gel Glass and Spin-Coating Used in High-Power Q-Switched Nd:YAG Laser. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9404-9408.	8.0	15
6	Superhydrophobic-Superhydrophilic Hybrid Surface with Highly Ordered Tip-Capped Nanopore Arrays for Surface-Enhanced Raman Scattering Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 37499-37505.	8.0	11
7	Enhanced microwave absorption and electromagnetic shielding property of (1-x)K _{0.5} Na _{0.5} NbO ₃ - xAl ₂ O ₃ nano-ceramics. <i>Ceramics International</i> , 2020, 46, 22738-22744.	4.8	6
8	Fabrication and assessment of Mn-Co-Ni-Nb-O composite films: structural, optical, and electrical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5703-5709.	2.2	2
9	Synthesis of NiMn ₂ O ₄ thin films via a simple solid-state reaction route. <i>Ceramics International</i> , 2020, 46, 11675-11679.	4.8	9
10	Improvement of ageing issue in Zn _{0.4} Fe _{2.1} Co ₂ Mn _{1.5} O ₈ thermistor films. <i>Journal of the European Ceramic Society</i> , 2019, 39, 4189-4193.	5.7	28
11	Mode-Locked Er-Doped Fiber Laser by Using MoS ₂ /SiO ₂ Saturable Absorber. <i>Nanoscale Research Letters</i> , 2019, 14, 59.	5.7	10
12	Electromagnetic-wave absorption property of Cr ₂ O ₃ -TiO ₂ coating with frequency selective surface. <i>Journal of Alloys and Compounds</i> , 2019, 803, 111-117.	5.5	17
13	Optical Nonlinearity of ZrS ₂ and Applications in Fiber Laser. <i>Nanomaterials</i> , 2019, 9, 315.	4.1	41
14	Improved optical damage threshold graphene Oxide/SiO ₂ absorber fabricated by sol-gel technique for mode-locked erbium-doped fiber lasers. <i>Carbon</i> , 2019, 144, 737-744.	10.3	44
15	Hafnium diselenide as a Q-switcher for fiber laser application. <i>Optical Materials Express</i> , 2019, 9, 4597.	3.0	18
16	Soliton and bound-state soliton mode-locked fiber laser based on a MoS ₂ /fluorine mica Langmuir-Blodgett film saturable absorber. <i>Photonics Research</i> , 2019, 7, 431.	7.0	37
17	Effect of sputtering power on structural, cationic distribution and optical properties of Mn ₂ Zn _{0.25} Ni _{0.75} O ₄ thin films. <i>Applied Surface Science</i> , 2018, 435, 815-821.	6.1	27
18	Formation of Highly Textured Zn _{0.2} Ni _{0.8} Mn ₂ O ₄ Thin Films by RF Magnetron Sputtering. <i>ECS Journal of Solid State Science and Technology</i> , 2018, 7, N114-N116.	1.8	6

#	ARTICLE	IF	CITATIONS
19	Structure, optical, and electrical properties of $(\text{Mn}_{1.56}\text{Co}_{0.96}\text{Ni}_{0.48}\text{O}_4)_{1-x}(\text{LaMn}_{0.6}\text{Al}_{0.4}\text{O}_3)_x$ composite thin films. <i>Ceramics International</i> , 2017, 43, 5702-5707.	4.8	12
20	Effect of Ar/O ₂ ratio on structure and cationic distribution of $\text{Mn}_{1.56}\text{Co}_{0.96}\text{Ni}_{0.48}\text{O}_4$ spinel films. <i>Applied Surface Science</i> , 2017, 405, 47-51.	6.1	11
21	High B value Mn-Co-Ni spinel films on alumina substrate by RF sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 9876-9881.	2.2	16
22	Preparation and characterization of $\text{LiFePO}_4 \cdot x\text{Li}_3\text{V}_2(\text{PO}_4)_3$ composites by two-step solid-state reaction method for lithium-ion batteries. <i>Materials Letters</i> , 2017, 198, 172-175.	2.6	5
23	Photon Absorption Improvement in Reststrahlen Band of $\text{Mn}_{1.56}\text{Co}_{0.96}\text{Ni}_{0.48}\text{Fe}_x\text{O}_4$ Series Films. <i>Journal of Electronic Materials</i> , 2017, 46, 5349-5355.	2.2	4
24	Oxidation mode on charge transfer mechanism in formation of $\text{Mn}^{2+}\text{Co}^{2+}\text{Ni}^{2+}\text{O}$ spinel films by RF sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 13659-13664.	2.2	7
25	Preparation and characterization of nanoscale LiFePO_4 cathode materials by a two-step solid-state reaction method. <i>Journal of Materials Science</i> , 2017, 52, 2366-2372.	3.7	17
26	Development of High Sensitivity Humidity Sensor Based on Gray $\text{TiO}_2/\text{SrTiO}_3$ Composite. <i>Sensors</i> , 2017, 17, 1310.	3.8	15
27	CeO_2 Enhanced Ethanol Sensing Performance in a CdS Gas Sensor. <i>Sensors</i> , 2017, 17, 1577.	3.8	21
28	Structural, optical, and electrical properties of $(\text{Mn}_{1.56}\text{Co}_{0.96}\text{Ni}_{0.48}\text{O}_4)_{1-x}(\text{LaMnO}_3)_x$ composite thin films. <i>Journal of the European Ceramic Society</i> , 2016, 36, 4059-4064.	5.7	25
29	Complex impedance analysis on orientation effect of $\text{LaMn}_{0.6}\text{Al}_{0.4}\text{O}_3$ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 369-376.	2.2	7
30	Temperature-induced work function changes in $\text{Mn}_{1.56}\text{Co}_{0.96}\text{Ni}_{0.48}\text{O}_4$ thin films. <i>RSC Advances</i> , 2015, 5, 67738-67741.	3.6	6
31	Effects of cation distribution on optical properties of $\text{Mn}^{2+}\text{Co}^{2+}\text{Ni}^{2+}\text{O}$ films. <i>Materials Letters</i> , 2015, 153, 162-164.	2.6	23
32	Composition Evolution of MoSiO Films Under Heat Treatment. <i>Transactions of the Indian Institute of Metals</i> , 0, , 1.	1.5	0