

Hui-Xia Guo

List of Publications by Year in descending order

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759233

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417
citing authors

#	ARTICLE	IF	CITATIONS
1	Entropy-Assisted High-Entropy Oxide with a Spinel Structure toward High-Temperature Infrared Radiation Materials. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 1950-1960.	8.0	21
2	Highly Facile Strategy for Detecting D ₂ O in H ₂ O by Porphyrin-Based Luminescent Probes. <i>Analytical Chemistry</i> , 2022, 94, 8426-8432.	6.5	15
3	Toward high-temperature thermal tolerance in solar selective absorber coatings: choosing high entropy ceramic HfNbTaTiZrN. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21270-21280.	10.3	24
4	Scalable and highly efficient high temperature solar absorber coatings based on high entropy alloy nitride AlCrTaTiZrN with different antireflection layers. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6413-6422.	10.3	32
5	Scalable and Ultrathin High-Temperature Solar Selective Absorbing Coatings Based on the High-Entropy Nanoceramic AlCrWTaNbTiN with High Photothermal Conversion Efficiency. <i>Solar Rrl</i> , 2021, 5, 2000790.	5.8	23
6	Highly Enhanced Thermal Robustness and Photothermal Conversion Efficiency of Solar-Selective Absorbers Enabled by High-Entropy Alloy Nitride MoTaTiCrN Nanofilms. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16987-16996.	8.0	26
7	Double-layer solar absorber coating based on high entropy ceramic AlCrMoTaTiN: Structure, optical properties and failure mechanism. <i>Surfaces and Interfaces</i> , 2021, 24, 101062.	3.0	4
8	MnO ₂ Nanospheres Assisted by Cysteine Combined with MnO ₂ Nanosheets as a Fluorescence Resonance Energy Transfer System for "Switch-on" Detection of Glutathione. <i>Analytical Chemistry</i> , 2021, 93, 9621-9627.	6.5	51
9	A novel multilayer high temperature colored solar absorber coating based on high-entropy alloy MoNbHfZrTi: Optimized preparation and chromaticity investigation. <i>Solar Energy Materials and Solar Cells</i> , 2020, 209, 110444.	6.2	42
10	Structure, thermal stability and optical simulation of ZrB ₂ based spectrally selective solar absorber coatings. <i>Solar Energy Materials and Solar Cells</i> , 2019, 193, 178-183.	6.2	46
11	Investigation of photoinduced electron transfer on TiO ₂ nanowire arrays/porphyrin composite via scanning electrochemical microscopy. <i>RSC Advances</i> , 2015, 5, 56697-56703.	3.6	4
12	Simultaneous determination of 5-hydroxytryptamine and dopamine using ionic liquid functionalized graphene. <i>Ionics</i> , 2015, 21, 1111-1119.	2.4	20
13	A novel electrocatalytic platform for separation of the overlapping voltammetric responses of AA, DA and UA. <i>RSC Advances</i> , 2014, 4, 5849.	3.6	17
14	A new electrochemical sensor of nitro aromatic compound based on three-dimensional porous Pt-Pd nanoparticles supported by graphene-multiwalled carbon nanotube composite. <i>Biosensors and Bioelectronics</i> , 2014, 58, 85-91.	10.1	74