

Huiyan Xu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	VO ₂ /ATO nanocomposite thin films with enhanced solar modulation and high luminous transmittance for smart windows. <i>Ceramics International</i> , 2022, 48, 15868-15876.	4.8	16
2	Multistimuli-Responsive Squaraine Dyad Exhibiting Concentration-Controlled Vapochromic Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16611-16620.	8.0	15
3	One-step ball milling synthesis of VO ₂ (M) nanoparticles with exemplary thermochromic performance. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	3
4	Color tunable vanadium dioxide/fluorescent organic small molecule two-layer composite films with thermochromic property. <i>Thin Solid Films</i> , 2021, 734, 138861.	1.8	6
5	Preparation of VO ₂ (M) nanoparticles with exemplary optical performance from VO ₂ (B) nanobelts by Ball Milling. <i>Journal of Alloys and Compounds</i> , 2021, 877, 159888.	5.5	19
6	Advanced development of metal oxide nanomaterials for H ₂ gas sensing applications. <i>Materials Advances</i> , 2021, 2, 1530-1569.	5.4	28
7	Advanced developments in nonstoichiometric tungsten oxides for electrochromic applications. <i>Materials Advances</i> , 2021, 2, 6839-6884.	5.4	32
8	3D Ordered Macroporous VO ₂ Thin Films with an Efficient Thermochromic Modulation Capability for Advanced Smart Windows. <i>Advanced Optical Materials</i> , 2019, 7, 1900600.	7.3	31
9	Hexagonal VO ₂ particles: synthesis, mechanism and thermochromic properties. <i>RSC Advances</i> , 2018, 8, 10064-10071.	3.6	10
10	Vertically distributed VO ₂ nanoplatelets on hollow spheres with enhanced thermochromic properties. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7896-7904.	5.5	11