

Ting Chen

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

567
citations

623734

14
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on luminescence characterizations of SrMg ₂ La ₂ W ₂ O ₁₂ :Eu ³⁺ red-emitting phosphor. Journal of Physics and Chemistry of Solids, 2022, 163, 110569.	4.0	43
2	Emission tunable AgInS ₂ quantum dots synthesized via microwave method for white light-emitting diodes application. Optical Materials, 2022, 124, 111975.	3.6	10
3	High-loading and high-performance zinc ion batteries enabled by electrochemical conversion of vanadium oxide cathodes. Electrochimica Acta, 2022, 415, 140265.	5.2	11
4	Nickel foam electrode decorated with Fe-CdIn ₂ O ₄ nanoparticles as an effective electrochemical sensor for non-enzymatic glucose detection. Journal of Electroanalytical Chemistry, 2022, 919, 116524.	3.8	9
5	A red phosphor LaSc ₃ (BO ₃) ₄ :Eu ³⁺ with zero-thermal-quenching and high quantum efficiency for LEDs. Chemical Engineering Journal, 2021, 404, 125912.	12.7	67
6	Highly efficient Cu-In-Zn-S/ZnS/PVP composites based white light-emitting diodes by surface modulation. Chemical Engineering Journal, 2021, 403, 126372.	12.7	28
7	Enhanced performance of perovskite light-emitting-diodes based on ionic liquid modified CsPbBr ₃ nanocrystals. Optical Materials, 2021, 111, 110620.	3.6	3
8	Room-temperature ionic-liquid-assisted hydrothermal synthesis of Ag-In-Zn-S quantum dots for WLEDs. Journal of Alloys and Compounds, 2021, 858, 158084.	5.5	17
9	Luminescence properties and tunable emission of Ca ₃ MgSi ₂ O ₈ :Eu ³⁺ , Bi ³⁺ phosphor with Bi ³⁺ → Eu ³⁺ energy transfer. Journal of Materials Science: Materials in Electronics, 2021, 32, 26620-26630.	2.2	12
10	Bi ³⁺ induced broad NUV-excitation band in Eu ³⁺ -doped red phosphor with scheelite-related structure. Journal of Luminescence, 2020, 221, 117019.	3.1	12
11	One-pot synthesis of water-soluble Cu-In-Zn-S/ZnS core/shell quantum dots for efficient white light-emitting devices. Optical Materials, 2020, 105, 109885.	3.6	4
12	Ionic liquid assisted preparation and modulation of the photoluminescence kinetics for highly efficient CsPbX ₃ nanocrystals with improved stability. Nanoscale, 2020, 12, 9569-9580.	5.6	21
13	Hydrothermal synthesis of highly fluorescent Ag-In-S/ZnS core/shell quantum dots for white light-emitting diodes. Journal of Alloys and Compounds, 2019, 804, 119-127.	5.5	25
14	Synthesis and characterization of environmentally friendly BiVO ₄ yellow pigment by non-hydrolytic sol-gel route. Journal of Sol-Gel Science and Technology, 2019, 91, 127-137.	2.4	11
15	A novel red phosphor Ba ₂ La ₄ Y ₄ (SiO ₄) ₆ O ₂ :Eu ³⁺ with high quantum yield and thermal stability for warm white LEDs. Journal of Alloys and Compounds, 2019, 789, 381-391.	5.5	58
16	Size control of C@ZrSiO ₄ pigments via soft mechano-chemistry assisted non-aqueous sol-gel method and their application in ceramic glaze. Ceramics International, 2019, 45, 10756-10764.	4.8	19
17	Hydrothermal synthesis of bright and stable AgInS ₂ quantum dots with tunable visible emission. Journal of Luminescence, 2018, 200, 189-195.	3.1	37
18	Facile synthesis of tunable polymer spheres for encapsulation pigment application. Materials Letters, 2018, 216, 63-66.	2.6	7

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19	Preparation of plant derived carbon and its application for inclusion pigments. <i>Advanced Powder Technology</i> , 2018, 29, 3040-3048.	4.1	6
20	A low temperature butane gas sensor used Pt nanoparticles-modified AZO macro/mesoporous nanosheets as sensing material. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 227-238.	7.8	21
21	Synthesis and characterization of $\text{Pr}_x\text{Zr}_{1-x}\text{SiO}_4$ ($x=0.08$) yellow pigments via non-hydrolytic sol-gel method. <i>Journal of the European Ceramic Society</i> , 2018, 38, 4568-4575.	5.7	34
22	Room Temperature Ionic Liquid-Assisted Microwave Preparation of Tunable Photoluminescent Copper-Indium-Zinc Sulfide Quantum Dots. <i>Chemistry - A European Journal</i> , 2018, 24, 16407-16417.	3.3	9
23	Facile non-aqueous synthesis of high color rendering C@ZrSiO_4 encapsulation pigment with carbon-containing precursors as in-situ carbon sources. <i>Ceramics International</i> , 2018, 44, 16498-16506.	4.8	10
24	The off-stoichiometry effect on the optical properties of water-soluble copper indium zinc sulfide quantum dots. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 479-486.	9.4	19
25	Synthesis of CeO_2 nanosheets with a room temperature ionic liquid assisted method. <i>Journal of Advanced Ceramics</i> , 2016, 5, 111-116.	17.4	8
26	Synthesis and application of C@ZrSiO_4 inclusion ceramic pigment from cotton cellulose as a colorant. <i>Journal of the European Ceramic Society</i> , 2016, 36, 1811-1820.	5.7	34
27	Preparation and chromatic properties of C@ZrSiO_4 inclusion pigment via non-hydrolytic sol-gel method. <i>Dyes and Pigments</i> , 2015, 114, 55-59.	3.7	26
28	Ionic Liquid-Assisted Synthesis of C@ZrSiO_4 ; Ceramic Inclusion Pigment. <i>Materials Science Forum</i> , 0, 848, 256-261.	0.3	6