Ting Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3905425/publications.pdf

Version: 2024-02-01

28	567	623734	642732
papers	citations	14 h-index	23 g-index

28	28	28	465
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A red phosphor LaSc3(BO3)4:Eu3+ with zero-thermal-quenching and high quantum efficiency for LEDs. Chemical Engineering Journal, 2021, 404, 125912.	12.7	67
2	A novel red phosphor Ba2La4Y4(SiO4)6O2:Eu3+ with high quantum yield and thermal stability for warm white LEDs. Journal of Alloys and Compounds, 2019, 789, 381-391.	5.5	58
3	Study on luminescence characterizations of SrMg2La2W2O12:Eu3+ red-emitting phosphor. Journal of Physics and Chemistry of Solids, 2022, 163, 110569.	4.0	43
4	Hydrothermal synthesis of bright and stable AgInS2 quantum dots with tunable visible emission. Journal of Luminescence, 2018, 200, 189-195.	3.1	37
5	Synthesis and application of C@ZrSiO4 inclusion ceramic pigment from cotton cellulose as a colorant. Journal of the European Ceramic Society, 2016, 36, 1811-1820.	5.7	34
6	Synthesis and characterization of PrxZr1-xSiO4 (xâ€¯=â€¯0â€“0.08) yellow pigments via non-hydrolytic sol-gel method. Journal of the European Ceramic Society, 2018, 38, 4568-4575.	5.7	34
7	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
8	Preparation and chromatic properties of C@ZrSiO4 inclusion pigment via non-hydrolytic solâ€“gel method. Dyes and Pigments, 2015, 114, 55-59.	3.7	26
9	Hydrothermal synthesis of highly fluorescent Agâ€“Inâ€“S/ZnS core/shell quantum dots for white light-emitting diodes. Journal of Alloys and Compounds, 2019, 804, 119-127.	5.5	25
10	A low temperature butane gas sensor used Pt nanoparticles-modified AZO macro/mesoporous nanosheets as sensing material. Sensors and Actuators B: Chemical, 2018, 254, 227-238.	7.8	21
11	Ionic liquid assisted preparation and modulation of the photoluminescence kinetics for highly efficient CsPbX₃ nanocrystals with improved stability. Nanoscale, 2020, 12, 9569-9580.	5.6	21
12	The off-stoichiometry effect on the optical properties of water-soluble copper indium zinc sulfide quantum dots. Journal of Colloid and Interface Science, 2017, 496, 479-486.	9.4	19
13	Size control of C@ZrSiO4 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
14	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
15	Bi3+ induced broad NUV-excitation band in Eu3+-doped red phosphor with scheelite-related structure. Journal of Luminescence, 2020, 221, 117019.	3.1	12
16	Luminescence properties and tunable emission of Ca3MgSi2O8:Eu3+, Bi3+ phosphor with Bi3+ â†' Eu3+ energy transfer. Journal of Materials Science: Materials in Electronics, 2021, 32, 26620-26630.	2.2	12
17	Synthesis and characterization of environmentally friendly BiVO4 yellow pigment by non-hydrolytic sol-gel route. Journal of Sol-Gel Science and Technology, 2019, 91, 127-137.	2.4	11
18	High-loading and high-performance zinc ion batteries enabled by electrochemical conversion of vanadium oxide cathodes. Electrochimica Acta, 2022, 415, 140265.	5.2	11

#	Article	IF	Citations
19	Facile non-aqueous synthesis of high color rendering C@ZrSiO4 encapsulation pigment with carbon-containing precursors as in-situ carbon sources. Ceramics International, 2018, 44, 16498-16506.	4.8	10
20	Emission tunable AgInS2 quantum dots synthesized via microwave method for white light-emitting diodes application. Optical Materials, 2022, 124, 111975.	3.6	10
21	Roomâ€Temperature Ionicâ€Liquidâ€Assisted Microwave Preparation of Tunable Photoluminescent Copperâ€Indiumâ€Zincâ€Sulfide Quantum Dots. Chemistry - A European Journal, 2018, 24, 16407-16417.	3.3	9
22	Nickel foam electrode decorated with Fe-CdIn2O4 nanoparticles as an effective electrochemical sensor for non-enzymatic glucose detection. Journal of Electroanalytical Chemistry, 2022, 919, 116524.	3.8	9
23	Synthesis of CeO2 nanosheets with a room temperature ionic liquid assisted method. Journal of Advanced Ceramics, 2016, 5, 111-116.	17.4	8
24	Facile synthesis of tunable polymer spheres for encapsulation pigment application. Materials Letters, 2018, 216, 63-66.	2.6	7
25	Ionic Liquid-Assisted Synthesis of C@ZrSiO₄ Ceramic Inclusion Pigment. Materials Science Forum, 0, 848, 256-261.	0.3	6
26	Preparation of plant derived carbon and its application for inclusion pigments. Advanced Powder Technology, 2018, 29, 3040-3048.	4.1	6
27	One-pot synthesis of water-soluble Cuâ€“Inâ€“Znâ€“S/ZnS core/shell quantum dots for efficient white light-emitting devices. Optical Materials, 2020, 105, 109885.	3.6	4
28	Enhanced performance of perovskite light-emitting-diodes based on ionic liquid modified CsPbBr3 nanocrystals. Optical Materials, 2021, 111, 110620.	3.6	3