Qinglei Sun

List of Publications by Year
in descending order

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29	600	567281 15	610901 24
papers	citations	h-index	g-index

29	29	29	498
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile fabrication of heat-conducting phosphor-in-glass with dual-sapphire plates for laser-driven white lighting. Journal of Alloys and Compounds, 2019, 790, 744-749.	5.5	87
2	Facile preparation of stable reactive silver ink for highly conductive and flexible electrodes. Applied Surface Science, 2019, 475, 75-82.	6.1	49
3	Creation of three-dimensional structures by direct ink writing with kaolin suspensions. Journal of Materials Chemistry C, 2018, 6, 11392-11400.	5.5	40
4	Biotemplated Fabrication of 3D Hierarchically Porous MgAl-LDH/CF Composites with Effective Adsorption of Organic Dyes from Wastewater. Industrial & Engineering Chemistry Research, 2020, 59, 16838-16850.	3.7	37
5	Biotemplated fabrication of a 3D hierarchical structure of magnetic ZnFe2O4/MgAl-LDH for efficient elimination of dye from water. Journal of Alloys and Compounds, 2020, 829, 154552.	5.5	34
6	Direct ink writing of 3D cavities for direct plated copper ceramic substrates with kaolin suspensions. Ceramics International, 2019, 45, 12535-12543.	4.8	30
7	Microstructure, sintering and properties of CaOâ€“Al2O3â€“B2O3â€“SiO2 glass/Al2O3 composites with different CaO contents. Journal of Materials Science: Materials in Electronics, 2016, 27, 5446-5451.	2.2	29
8	Broad-Band and Stable Phosphor-in-Glass Enabling Ultrahigh Color Rendering for All-Inorganic High-Power WLEDs. ACS Applied Electronic Materials, 2020, 2, 2929-2936.	4.3	29
9	Fabrication of 3D structures via direct ink writing of kaolin/graphene oxide composite suspensions at ambient temperature. Ceramics International, 2019, 45, 18972-18979.	4.8	28
10	Novel Cu-Ag composite nanoparticle paste for low temperature bonding. Materials Letters, 2019, 248, 78-81.	2.6	27
11	Fabrication of stacked color converter for high-power WLEDs with ultra-high color rendering. Journal of Alloys and Compounds, 2021, 850, 156811.	5.5	26
12	Synthesis and characterization of LTCC compositions with middle permittivity based on CaO-B2O3-SiO2 glass/CaTiO3 system. Journal of the European Ceramic Society, 2017, 37, 619-623.	5.7	23
13	Reflective Phosphor-in-Glass Color Converter for Laser-Driven White Lighting. IEEE Photonics Technology Letters, 2020, 32, 983-986.	2.5	20
14	Synthesis and characterization of a geopolymer/hexagonalâ€‘boron nitride composite for free forming 3D extrusion-based printing. Applied Clay Science, 2020, 199, 105870.	5.2	18
15	Enhanced Heat Dissipation of High-Power Light-Emitting Diodes by Cu Nanoparticle Paste. IEEE Electron Device Letters, 2019, 40, 949-952.	3.9	17
16	Multimaterial 3D-printing barium titanate/carbonyl iron composites with bilayer-gradient honeycomb structure for adjustable broadband microwave absorption. Ceramics International, 2022, 48, 9873-9881.	4.8	16
17	Low temperature enhanced flexible conductive film by Ag flake/ion composite ink. Materials and Design, 2020, 186, 108339.	7.0	13
18	Influence of La2O3/SrO doping of (Zr0.8Sn0.2)TiO4 ceramics on their sintering behavior and microwave dielectric properties. Ceramics International, 2016, 42, 12306-12311.	4.8	12

#	Article	IF	Citations
19	Effective heat dissipation of high-power LEDs through creation of three-dimensional ceramic substrate with kaolin/graphene suspension. Journal of Alloys and Compounds, 2020, 817, 152779.	5.5	11
20	Effects of ZrO2â€“ZnO on the sintering behavior and microwave dielectric properties of 0.65CaTiO3â€“0.35SmAlO3 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 12834-12839.	2.2	10
21	Sintering behavior and microwave dielectric properties of Y2O3â€“ZnO doped (Zr0.8Sn0.2)TiO4 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 7750-7754.	2.2	10
22	Preparation of three-dimensional ceramic substrate by multiple electroforming for UV-LED hermetic packaging. Ceramics International, 2019, 45, 22022-22028.	4.8	10
23	Testing of high performance asymmetric tubular BSCF membranes under pressurized operation â€“ A proof-of-concept study on a 7 tube module. Journal of Membrane Science, 2022, 644, 120176.	8.2	9
24	Effect of MgO, BaO and La2O3 additions on microwave dielectric properties of (Zr0.8Sn0.2)TiO4 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 6183-6187.	2.2	7
25	Low-Temperature Fabrication of Three-Dimensional Ceramic Substrate by Molding Inorganic Aluminosilicate Paste. Journal of Electronic Packaging, Transactions of the ASME, 2019, 141, .	1.8	4
26	Microwave-induced catalytic degradation of methyl violet by a Ni-TiO2/ACFs composite catalyst. Materials Letters, 2020, 277, 128396.	2.6	4
27	3D printing of cavities in DPC ceramic substrates with kaolin pastes for hermetic packaging. , 2019, , .		0
28	Facile Preparation of Cu Micro-Nano Composite Particle Paste for Low Temperature Bonding. , 2019, , .		0
29	Direct Ink Printing of Cavities in DPC Ceramic Substrates With Kaolin Pastes for Hermetic Packaging. , 2019, , .		0