

Anze Shui

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced electromagnetic wave absorption property of binary ZnO/NiCo ₂ O ₄ composites. <i>Journal of Advanced Ceramics</i> , 2021, 10, 832-842.	17.4	78
2	Multifunctional carbon nanofiber-SiC nanowire aerogel films with superior microwave absorbing performance. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 1281-1291.	21.1	71
3	A facile fabrication and high-performance electromagnetic microwave absorption of ZnO nanoparticles. <i>Journal of Alloys and Compounds</i> , 2020, 842, 155638.	5.5	50
4	Fabrication of C-doped SiC nanocomposites with tailoring dielectric properties for the enhanced electromagnetic wave absorption. <i>Carbon</i> , 2020, 157, 788-795.	10.3	45
5	Effects of AlF ₃ and MoO ₃ on properties of Mullite whisker reinforced porous ceramics fabricated from construction waste. <i>Ceramics International</i> , 2016, 42, 17179-17184.	4.8	41
6	Microwave-absorption properties of heterostructural SiC nanowires/SiOC ceramic derived from polysiloxane. <i>Ceramics International</i> , 2019, 45, 1208-1214.	4.8	39
7	Enhanced electromagnetic wave absorption of Fe-doped silicon oxycarbide nanocomposites. <i>Journal of the American Ceramic Society</i> , 2020, 103, 1732-1743.	3.8	37
8	Electromagnetic wave absorbing properties of glucose-derived carbon-rich SiOC ceramics annealed at different temperatures. <i>Journal of the American Ceramic Society</i> , 2019, 102, 7015-7025.	3.8	36
9	Effect of silicon carbide particle size and CaO content on foaming properties during firing and microstructure of porcelain ceramics. <i>Ceramics International</i> , 2014, 40, 12931-12938.	4.8	35
10	Fabrication and characterization of anorthite-mullite-corundum porous ceramics from construction waste. <i>Ceramics International</i> , 2016, 42, 6080-6087.	4.8	32
11	Preparation of aluminum titanate flexible ceramic by solid-phase sintering and its mechanical behavior. <i>Journal of Alloys and Compounds</i> , 2019, 777, 119-126.	5.5	26
12	Preparation of SiC Nanowire/Carbon Fiber Composites with Enhanced Electromagnetic Wave Absorption Performance. <i>Advanced Engineering Materials</i> , 2021, 23, 2100434.	3.5	26
13	The influence of different additives on microstructure and mechanical properties of aluminum titanate ceramics. <i>Ceramics International</i> , 2021, 47, 1169-1176.	4.8	23
14	Template-free sonochemical synthesis of hierarchically porous NiO microsphere. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1707-1713.	8.2	21
15	Piezoelectric and Dielectric Properties of (Bi _{0.5} Na _{0.5})TiO ₃ -Ba(Zr _{0.04} Ti _{0.96})O ₃ Lead-Free Piezoelectric Ceramics. <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 857-860.	1.3	20
16	Synthesis and microwave absorption performance of Fe-containing SiOC ceramics derived from silicon oxycarbide. <i>Journal of Alloys and Compounds</i> , 2020, 843, 156029.	5.5	20
17	Morphology-controlled preparation and tunable electromagnetic wave absorption performance of manganese dioxide nanostructures. <i>Journal of the American Ceramic Society</i> , 2022, 105, 3339-3352.	3.8	20
18	Preparation of mullite whisker skeleton porous ceramic. <i>Ceramics International</i> , 2015, 41, 11576-11579.	4.8	16

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19	Ablation behaviors and mechanism of ultra-thick anti-oxidation layer coating on carbon-bonded carbon fiber composites. <i>Journal of the American Ceramic Society</i> , 2019, 102, 7543-7552.	3.8	16
20	Synthesis and tunable electromagnetic shielding and absorption performance of the three-dimensional SiC nanowires/carbon fiber composites. <i>Journal of the European Ceramic Society</i> , 2022, 42, 4154-4161.	5.7	15
21	Corrosion Resistance Properties of Porous Alumina-Mullite Ceramic Membrane Supports. <i>Advanced Engineering Materials</i> , 2020, 22, 1901442.	3.5	13
22	Preparation and properties for aluminum-doped zinc oxide powders with the coprecipitation method. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 703-705.	1.1	11
23	More effective crack self-healing capability of SiC _f /SiC _B 4C with Al ₂ O ₃ modified under wet environment. <i>Journal of the American Ceramic Society</i> , 2020, 103, 7247-7258.	3.8	11
24	The influence of sintering temperature on the mechanical evolution of Al ₂ TiO ₅ flexible ceramics based on the acoustic emission. <i>Journal of Alloys and Compounds</i> , 2022, 898, 163004.	5.5	10
25	Effects of SiO ₂ coating on luminescence property and thermostability of Sr ₂ MgSi ₂ O ₇ : Eu ²⁺ , Dy ³⁺ phosphors. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 894-902.	2.4	9
26	Influence of Cooling Rates on the Microstructure and Mechanical Properties of Aluminum Titanate Flexible Ceramic. <i>Advanced Engineering Materials</i> , 2021, 23, 2100170.	3.5	9
27	Hydrothermal synthesis and characterization of Bi ₄ Ti ₃ O ₁₂ powders. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 264-267.	1.1	8
28	Fabrication of tunable 1D rod-like and 3D yolk-like TiO ₂ hierarchical architectures for efficient photocatalysis. <i>Journal of Materials Science</i> , 2020, 55, 3760-3773.	3.7	8
29	Investigation on the microcracks strengthening effect in the damage behavior of Al ₂ TiO ₅ flexible ceramics based on the AE. <i>Ceramics International</i> , 2022, 48, 3875-3883.	4.8	8
30	Multiscale SiC _{nw} and carbon fiber reinforced SiOC ceramic with enhanced mechanical and microwave absorption properties. <i>Journal of the American Ceramic Society</i> , 2022, 105, 3456-3468.	3.8	8
31	The influence of ZrO ₂ on the microstructure and mechanical properties of Al ₂ TiO ₅ flexible ceramics. <i>Materials Characterization</i> , 2022, 185, 111719.	4.4	7
32	Quantitative XRD Analysis of Hydrothermally-derived Leucite Content in Dental Porcelain Ceramics. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 329-332.	1.3	6
33	Enhanced Photocatalytic Properties of Surfactants Modified ZnO Particles Synthesized Directly via Sonochemistry Technique. <i>ChemistrySelect</i> , 2022, 7, .	1.5	6
34	The tensile damage behavior of SiC _f /SiC _B 4C after oxidation in wet atmosphere based on acoustic emission pattern recognition. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4131-4144.	3.8	5
35	Effects of ammonium molybdate additive and sintering temperature on the properties of foam ceramics based on ceramic tile polishing waste. <i>Journal of the Ceramic Society of Japan</i> , 2019, 127, 318-326.	1.1	4
36	Enhanced Sound Absorption Properties of Ceramics with Graphene Oxide Composites. <i>ACS Omega</i> , 2021, 6, 34242-34249.	3.5	3

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37	Preparation and catalytic performance of La _{0.8} Sr _{0.2} CoO ₃ supported on the mullite fiber ceramic. <i>Frontiers of Chemical Engineering in China</i> , 2007, 1, 372-376.	0.6	2
38	Fabrication of high-purity HfSi ₂ powder via molten salt-assisted magnesium thermal reduction. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 1785-1789.	2.1	2
39	Simple synthesis of high photocatalytic activity TiO ₂ nanopowder with sodium dodecylbenzene sulfonate surfactant for photocatalysis of rhodamine B and methyl orange. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 0, , 1.	1.7	2
40	Study on the preparation and structure of nanocrystal-based Sm ³⁺ -doped ceria. <i>Journal of the Ceramic Society of Japan</i> , 2015, 123, 443-447.	1.1	1
41	Template-free preparation of humidity self-regulating silica-based mesoporous oxide from volcanic ash. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 94, 416-424.	2.4	1