

Qibing Chang

List of Publications by Year in descending order

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37
papers

1,154
citations

516710

16
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377865

34
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all docs

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docs citations

37
times ranked

1218
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of ceramic microfiltration membrane modified by nano-TiO ₂ coating in separation of a stable oil-in-water emulsion. <i>Journal of Membrane Science</i> , 2014, 456, 128-133.	8.2	204
2	Separation of stable oil-in-water emulsion by the hydrophilic nano-sized ZrO ₂ modified Al ₂ O ₃ microfiltration membrane. <i>Separation and Purification Technology</i> , 2010, 75, 243-248.	7.9	200
3	The improved oil/water separation performance of graphene oxide modified Al ₂ O ₃ microfiltration membrane. <i>Journal of Membrane Science</i> , 2015, 476, 200-204.	8.2	181
4	Hydrophilic modification of Al ₂ O ₃ microfiltration membrane with nano-sized γ -Al ₂ O ₃ coating. <i>Desalination</i> , 2010, 262, 110-114.	8.2	52
5	Effect of particle size distribution of raw powders on pore size distribution and bending strength of Al ₂ O ₃ microfiltration membrane supports. <i>Journal of the European Ceramic Society</i> , 2014, 34, 3819-3825.	5.7	52
6	Ultrafine CoAl ₂ O ₄ ceramic pigment prepared by Pechini-sacrificial agent method. <i>Materials Letters</i> , 2016, 173, 64-67.	2.6	38
7	Encapsulated carbon black prepared by sol-gel-spraying: A new black ceramic pigment. <i>Journal of the European Ceramic Society</i> , 2014, 34, 3151-3157.	5.7	36
8	Preparation of microfiltration membrane supports using coarse alumina grains coated by nano TiO ₂ as raw materials. <i>Journal of the European Ceramic Society</i> , 2014, 34, 4355-4361.	5.7	35
9	In Situ Formation of Er _{0.4} Bi _{1.6} O ₃ Protective Layer at Cobaltite Cathode/Y ₂ O ₃ -ZrO ₂ Electrolyte Interface under Solid Oxide Fuel Cell Operation Conditions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40549-40559.	8.0	31
10	Preparation and characterization of unique zirconia crystals within pores via a sol-gel-hydrothermal method. <i>Advanced Powder Technology</i> , 2009, 20, 371-374.	4.1	29
11	Synthesis, characterization and application of submicron ZrSiO ₄ powder via sol-gel-microemulsion-hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2020, 828, 154332.	5.5	27
12	Formation mechanism of zirconia nano-particles containing pores prepared via sol-gel-hydrothermal method. <i>Advanced Powder Technology</i> , 2010, 21, 425-430.	4.1	25
13	Influences of internal coagulant composition on microstructure and properties of porous YSZ hollow fibre membranes for water treatment. <i>Separation and Purification Technology</i> , 2015, 147, 337-345.	7.9	23
14	High-performance spherical urchin-like CoAl ₂ O ₄ pigments prepared via microemulsion-hydrothermal-precipitation method. <i>Advanced Powder Technology</i> , 2020, 31, 1290-1301.	4.1	22
15	Preparation of crack-free ZrO membrane on Al ₂ O ₃ support with ZrO ₂ /Al ₂ O ₃ composite intermediate layers. <i>Journal of Membrane Science</i> , 2005, 250, 105-111.	8.2	19
16	Preparation of a High-Performance Porous Ceramic Membrane by a Two-Step Coating Method and One-Step Sintering. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 52.	2.5	16
17	A Comparative Study on the Addition Methods of TiO ₂ Sintering Aid to the Properties of Porous Alumina Membrane Support. <i>Membranes</i> , 2018, 8, 49.	3.0	14
18	Synthesis and chromatic properties of high color performance Prx-ZrSiO ₄ (x=0.1) yellow pigment. <i>Journal of Alloys and Compounds</i> , 2022, 891, 161932.	5.5	14

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19	Preparation and application of positively charged quaternized chitosan/PEI composite nanofiltration membranes. <i>Desalination and Water Treatment</i> , 2014, 52, 5790-5795.	1.0	13
20	Effect of hydrophilic modification with nano-titania and operation modes on the oil/water separation performance of microfiltration membrane. <i>Desalination and Water Treatment</i> , 2016, 57, 4788-4795.	1.0	13
21	Synthesis and chromatic properties of V-doped and V/Y-codoped ZrO ₂ yellow pigments. <i>Journal of Alloys and Compounds</i> , 2021, 856, 157397.	5.5	13
22	Preparation of Fly Ash-Based Porous Ceramic with Alumina as the Pore-Forming Agent. <i>Ceramics</i> , 2019, 2, 286-295.	2.6	12
23	Synthesis and characterization of Fe/Mn co-doped CuCr ₂ O ₄ black pigment with high near-infrared reflectance. <i>Solar Energy</i> , 2022, 234, 240-250.	6.1	12
24	Preparation of Ultrafine Spherical Pr-ZrSiO ₄ Pigment by Sol-Gel-Microemulsion Method. <i>Silicon</i> , 2020, 12, 585-594.	3.3	11
25	Evidence of ZrO ₂ sol-gel transition by gelation time and viscosity. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 208-214.	2.4	10
26	Preparation of Zircon-Encapsulated Carbon Black Ceramic Pigment Using the Collapsed Mesoporous-Structure. <i>Silicon</i> , 2018, 10, 2253-2262.	3.3	9
27	Chromatic study on the coloration mechanism of iron zircon pigment. <i>Materials Chemistry and Physics</i> , 2019, 235, 121740.	4.0	7
28	Research on the low-temperature synthesis of cobalt aluminum spinel type blue pigments. <i>Journal of Alloys and Compounds</i> , 2021, 864, 158625.	5.5	7
29	Synthesis of high color performance V-ZrSiO ₄ blue pigment with low doping amount via inorganic sol-gel route. <i>Advanced Powder Technology</i> , 2021, 32, 3355-3363.	4.1	7
30	Phase composition, microstructure, and properties of ceramic tile prepared using ceramic polishing waste as raw material. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1052-1062.	2.1	6
31	Effect of Type and Content of Pore-forming Agents on Properties of Porous Alumina Membrane Support. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 452, 022047.	0.6	5
32	Relationship between the colour and particle size of the ultrafine V-ZrSiO ₄ and Pr-ZrSiO ₄ pigments and their mixture. <i>Materials Research Express</i> , 2019, 6, 075214.	1.6	4
33	Ultrafine V-ZrSiO ₄ pigment prepared by a bottom-up approach: Particle size evolution and chromatic properties. <i>Advanced Powder Technology</i> , 2021, 32, 3934-3942.	4.1	3
34	Application of integrated membrane technology in purification of chlorogenic acid. <i>Desalination and Water Treatment</i> , 2015, 55, 2165-2170.	1.0	2
35	Microstructure evolution and properties of YSZ hollow fiber microfiltration membranes prepared at different suspension solid content for water treatment. <i>Desalination and Water Treatment</i> , 2016, 57, 21273-21285.	1.0	2
36	Preparation and Modification of Ceramic Membrane and Its Application in Oil/Water Wastewater Treatment. <i>Springer Proceedings in Energy</i> , 2018, , 823-830.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Preparation of Ceramic Ultrafiltration Membrane by Nano-Metal Oxides Modified. IOP Conference Series: Earth and Environmental Science, 2019, 252, 022030.	0.3	0