

Qibing Chang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6216153/publications.pdf>

Version: 2024-02-01

37
papers

1,154
citations

516710

16
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

1218
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Preparation of Ultrafine Spherical Pr-ZrSiO ₄ Pigment by Sol-Gel-Microemulsion Method. <i>Silicon</i> , 2020, 12, 585-594.	3.3	11
9	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
10	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
11	Preparation of Ceramic Ultrafiltration Membrane by Nano-Metal Oxides Modified. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 252, 022030.	0.3	0
12	Chromatic study on the coloration mechanism of iron zircon pigment. <i>Materials Chemistry and Physics</i> , 2019, 235, 121740.	4.0	7
13	Preparation of Fly Ash-Based Porous Ceramic with Alumina as the Pore-Forming Agent. <i>Ceramics</i> , 2019, 2, 286-295.	2.6	12
14	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
15	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
16	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
17	Preparation of Zircon-Encapsulated Carbon Black Ceramic Pigment Using the Collapsed Mesoporous-Structure. <i>Silicon</i> , 2018, 10, 2253-2262.	3.3	9
18	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

#	ARTICLE	IF	CITATIONS
19	Preparation and Modification of Ceramic Membrane and Its Application in Oil/Water Wastewater Treatment. Springer Proceedings in Energy, 2018, , 823-830.	0.3	0
20	Microstructure evolution and properties of YSZ hollow fiber microfiltration membranes prepared at different suspension solid content for water treatment. Desalination and Water Treatment, 2016, 57, 21273-21285.	1.0	2
21	Effect of hydrophilic modification with nano-titania and operation modes on the oil/water separation performance of microfiltration membrane. Desalination and Water Treatment, 2016, 57, 4788-4795.	1.0	13
22	Ultrafine CoAl ₂ O ₄ ceramic pigment prepared by Pechini-sacrificial agent method. Materials Letters, 2016, 173, 64-67.	2.6	38
23	Application of integrated membrane technology in purification of chlorogenic acid. Desalination and Water Treatment, 2015, 55, 2165-2170.	1.0	2
24	Influences of internal coagulant composition on microstructure and properties of porous YSZ hollow fibre membranes for water treatment. Separation and Purification Technology, 2015, 147, 337-345.	7.9	23
25	Evidence of ZrO ₂ sol-gel transition by gelation time and viscosity. Journal of Sol-Gel Science and Technology, 2015, 73, 208-214.	2.4	10
26	The improved oil/water separation performance of graphene oxide modified Al ₂ O ₃ microfiltration membrane. Journal of Membrane Science, 2015, 476, 200-204.	8.2	181
27	Preparation and application of positively charged quaternized chitosan/PEI composite nanofiltration membranes. Desalination and Water Treatment, 2014, 52, 5790-5795.	1.0	13
28	Encapsulated carbon black prepared by sol-gel-spraying: A new black ceramic pigment. Journal of the European Ceramic Society, 2014, 34, 3151-3157.	5.7	36
29	Application of ceramic microfiltration membrane modified by nano-TiO ₂ coating in separation of a stable oil-in-water emulsion. Journal of Membrane Science, 2014, 456, 128-133.	8.2	204
30	Preparation of microfiltration membrane supports using coarse alumina grains coated by nano TiO ₂ as raw materials. Journal of the European Ceramic Society, 2014, 34, 4355-4361.	5.7	35
31	Effect of particle size distribution of raw powders on pore size distribution and bending strength of Al ₂ O ₃ microfiltration membrane supports. Journal of the European Ceramic Society, 2014, 34, 3819-3825.	5.7	52
32	Separation of stable oil/water emulsion by the hydrophilic nano-sized ZrO ₂ modified Al ₂ O ₃ microfiltration membrane. Separation and Purification Technology, 2010, 75, 243-248.	7.9	200
33	Formation mechanism of zirconia nano-particles containing pores prepared via sol-gel-hydrothermal method. Advanced Powder Technology, 2010, 21, 425-430.	4.1	25
34	Hydrophilic modification of Al ₂ O ₃ microfiltration membrane with nano-sized γ -Al ₂ O ₃ coating. Desalination, 2010, 262, 110-114.	8.2	52
35	Preparation and characterization of unique zirconia crystals within pores via a sol-gel-hydrothermal method. Advanced Powder Technology, 2009, 20, 371-374.	4.1	29
36	Preparation of crack-free ZrO membrane on AlO support with ZrO ₂ /AlO composite intermediate layers. Journal of Membrane Science, 2005, 250, 105-111.	8.2	19

#	ARTICLE	IF	CITATIONS
37	Effect of Type and Content of Pore-forming Agents on Properties of Porous Alumina Membrane Support. IOP Conference Series: Materials Science and Engineering, 0, 452, 022047.	0.6	5