

Weiguang Shi

List of Publications by Year in descending order

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25
papers

175
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1306789

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12
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25
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25
docs citations

25
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Equation of state of a new calcium magnesium silicate compound with the composition $\text{Ca}_3\text{MgSi}_2\text{O}_8$ at pressures up to 23 GPa and ambient T. <i>Physics and Chemistry of Minerals</i> , 2022, 49, 1.	0.3	0
2	Intrinsic Blue Fluorescence of 2.0G PAMAM-DCM Polymer Dots and Its Applications for Fe^{3+} Sensing. <i>Sensors</i> , 2022, 22, 1075.	2.1	3
3	Tunable photoluminescence emission from surface-state to carbon core-state of PAMAM carbonized polymer dots and its high-sensitive detection of copper(II). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129441.	2.3	6
4	HABSA€Silicate Controlled Synthesis of Worm€Like Calcite via Orientated Attachment. <i>ChemistrySelect</i> , 2021, 6, 1199-1203.	0.7	2
5	C N based PAMAM polymer dots: Fluorescent property and Cu^{2+} sensing application. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124112.	2.3	8
6	Small-sized deformable hollow mesoporous organosilica nanocapsules with improved cellular uptake. <i>Journal of Porous Materials</i> , 2020, 27, 1783-1789.	1.3	4
7	Interfacial self-propagation of oleophilic vaterite in crude oil emulsion and its application for reinforcing polyethylene. <i>Powder Technology</i> , 2020, 363, 642-651.	2.1	4
8	Self€healing behaviors of sulfobetaine polyacrylamide/chromium gel decided by viscosity and chemical compositions. <i>Journal of Applied Polymer Science</i> , 2019, 136, 46991.	1.3	1
9	Ethylene oligomerization studies utilizing nickel complexes bearing pyridine-imine ligands. <i>Inorganica Chimica Acta</i> , 2019, 491, 67-75.	1.2	11
10	Conversion reactions from dioctahedral smectite to trioctahedral chlorite and their structural simulations. <i>Applied Clay Science</i> , 2018, 158, 252-263.	2.6	13
11	Synthesis and Ethylene Oligomerization of Hyperbranched Salicylaldimine Nickel Complexes. <i>Advances in Polymer Technology</i> , 2018, 37, 629-636.	0.8	10
12	Iron, cobalt and nickel complexes bearing hyperbranched iminopyridyl ligands: Synthesis, characterization and evaluation as ethylene oligomerization catalysts. <i>Inorganica Chimica Acta</i> , 2018, 469, 209-216.	1.2	28
13	A Series of Novel Dendritic Salicylaldimine Iron Catalysts: Synthesis, Characterization, and Application in Ethylene Oligomerization. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 2618-2627.	0.1	2
14	Equation of State of a Natural Chromian Spinel at Ambient Temperature. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 591.	0.8	6
15	HPAM€HABS induced synthesis of a labyrinth-like surface of calcite via rhombohedral lattice growth from the nanoscale. <i>CrystEngComm</i> , 2018, 20, 3445-3448.	1.3	5
16	Polymorphic Crystallization and Diversified Growth of CaCO_3 in HPAM€HABS€ Na_2SiO_3 Hybrid Solutions. <i>ChemistrySelect</i> , 2018, 3, 6050-6055.	0.7	3
17	Synthesis of peanut-like calcium carbonate intermediates in silica system containing partially hydrolyzed polyacrylamide and heavy alkyl-benzene sulfonate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 242-249.	2.3	7
18	G0.5 PAMAM dendrimers improve the kinetic stabilization and nanoscale precipitation mechanism of amorphous calcium carbonate. <i>RSC Advances</i> , 2017, 7, 45113-45120.	1.7	2

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19	Novel Dendritic PNP Chromium Complexes: Synthesis, Characterization, and Performance on Ethylene Oligomerization. <i>Helvetica Chimica Acta</i> , 2017, 100, e1700162.	1.0	3
20	HPAM assisted controllable synthesis of peanut-like CaCO ₃ in fixed silicate solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 535, 34-40.	2.3	6
21	Hyperbranched bisphosphinoamine ligands: synthesis, characterization and application in ethylene oligomerization. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2708-2721.	0.8	4
22	High pressure effects on hydrate Cu-BTC investigated by vibrational spectroscopy and synchrotron X-ray diffraction. <i>RSC Advances</i> , 2017, 7, 55504-55512.	1.7	30
23	Interface Activity and Thermodynamic Properties of Cardanol Polyoxyethylene Ether Carboxylates. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 304-312.	0.5	6
24	Synthesis of Novel Polyacrylamide with 4-Arm and Flocculation Behaviour in Treating Wastewater. <i>Asian Journal of Chemistry</i> , 2015, 27, 2022-2028.	0.1	0
25	Antioxidant capacity and kinetics of dendritic hindered phenols using DPPH assay. <i>Progress in Reaction Kinetics and Mechanism</i> , 2015, 40, 279-290.	1.1	11