

# Weiguang Shi

## List of Publications by Year in descending order

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25  
papers

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citations

1306789

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1199166

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docs citations

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times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Conversion reactions from dioctahedral smectite to trioctahedral chlorite and their structural simulations. <i>Applied Clay Science</i> , 2018, 158, 252-263.	2.6	13
4	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
5	Ethylene oligomerization studies utilizing nickel complexes bearing pyridine-imine ligands. <i>Inorganica Chimica Acta</i> , 2019, 491, 67-75.	1.2	11
6	Synthesis and Ethylene Oligomerization of Hyperbranched Salicylaldehyde Nickel Complexes. <i>Advances in Polymer Technology</i> , 2018, 37, 629-636.	0.8	10
7	C N based PAMAM polymer dots: Fluorescent property and Cu <sup>2+</sup> sensing application. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124112.	2.3	8
8	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
9	Interface Activity and Thermodynamic Properties of Cardanol Polyoxyethylene Ether Carboxylates. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 304-312.	0.5	6
10	HPAM assisted controllable synthesis of peanut-like CaCO <sub>3</sub> in fixed silicate solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 535, 34-40.	2.3	6
11	Equation of State of a Natural Chromian Spinel at Ambient Temperature. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 591.	0.8	6
12	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
13	HPAM-induced 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
14	Hyperbranched bisphosphinoamine ligands: synthesis, characterization and application in ethylene oligomerization. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2708-2721.	0.8	4
15	Small-sized deformable hollow mesoporous organosilica nanocapsules with improved cellular uptake. <i>Journal of Porous Materials</i> , 2020, 27, 1783-1789.	1.3	4
16	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
17	Novel Dendritic PNP Chromium Complexes: Synthesis, Characterization, and Performance on Ethylene Oligomerization. <i>Helvetica Chimica Acta</i> , 2017, 100, e1700162.	1.0	3
18	Polymorphic Crystallization and Diversified Growth of CaCO <sub>3</sub> in HPAM-HABS-Na <sub>2</sub> SiO <sub>3</sub> Hybrid Solutions. <i>ChemistrySelect</i> , 2018, 3, 6050-6055.	0.7	3

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19	Intrinsic Blue Fluorescence of 2.0G PAMAM-DCM Polymer Dots and Its Applications for Fe <sup>3+</sup> Sensing. <i>Sensors</i> , 2022, 22, 1075.	2.1	3
20	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
21	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
22	HABSA€Silicate Controlled Synthesis of Worma€Like Calcite via Orientated Attachment. <i>ChemistrySelect</i> , 2021, 6, 1199-1203.	0.7	2
23	Selfa€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
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	Equation of state of a new calcium magnesium silicate compound with the composition Ca <sub>3</sub> MgSi <sub>2</sub> O <sub>8</sub> at pressures up to 23 GPa and ambient T. <i>Physics and Chemistry of Minerals</i> , 2022, 49, 1.	0.3	0