

Zheng Xue

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

741
citations

623734

14
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Viscosity and stability of ultra-high internal phase CO ₂ -in-water foams stabilized with surfactants and nanoparticles with or without polyelectrolytes. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 383-395.	9.4	123
2	Iron Oxide Nanoparticles Grafted with Sulfonated Copolymers are Stable in Concentrated Brine at Elevated Temperatures and Weakly Adsorb on Silica. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3329-3339.	8.0	89
3	Effect of Grafted Copolymer Composition on Iron Oxide Nanoparticle Stability and Transport in Porous Media at High Salinity. <i>Energy & Fuels</i> , 2014, 28, 3655-3665.	5.1	76
4	Ultradry Carbon Dioxide-in-Water Foams with Viscoelastic Aqueous Phases. <i>Langmuir</i> , 2016, 32, 28-37.	3.5	71
5	Stabilization of Iron Oxide Nanoparticles in High Sodium and Calcium Brine at High Temperatures with Adsorbed Sulfonated Copolymers. <i>Langmuir</i> , 2013, 29, 3195-3206.	3.5	65
6	CO ₂ -Soluble Ionic Surfactants and CO ₂ Foams for High-Temperature and High-Salinity Sandstone Reservoirs. <i>Energy & Fuels</i> , 2015, 29, 5750-5760.	5.1	42
7	Adsorption of iron oxide nanoclusters stabilized with sulfonated copolymers on silica in concentrated NaCl and CaCl ₂ brine. <i>Journal of Colloid and Interface Science</i> , 2013, 398, 217-226.	9.4	41
8	Upconversion luminescence of Yb ³⁺ /Tb ³⁺ /Er ³⁺ -doped fluorosilicate glass ceramics containing SrF ₂ nanocrystals. <i>Journal of Alloys and Compounds</i> , 2011, 509, 4714-4721.	5.5	40
9	Iron Oxide Nanoparticles Grafted with Sulfonated and Zwitterionic Polymers: High Stability and Low Adsorption in Extreme Aqueous Environments. <i>ACS Macro Letters</i> , 2014, 3, 867-871.	4.8	38
10	Low Adsorption of Magnetite Nanoparticles with Uniform Polyelectrolyte Coatings in Concentrated Brine on Model Silica and Sandstone. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 1522-1532.	3.7	31
11	Intense ultraviolet upconversion luminescence of Yb ³⁺ and Tb ³⁺ co-doped glass ceramics containing SrF ₂ nanocrystals. <i>Journal of Luminescence</i> , 2011, 131, 2036-2041.	3.1	27
12	Improved Mobility of Magnetite Nanoparticles at High Salinity with Polymers and Surfactants. <i>Energy & Fuels</i> , 2016, 30, 1915-1926.	5.1	25
13	Short-wavelength upconversion luminescence of Yb ³⁺ /Tm ³⁺ co-doped glass ceramic containing SrF ₂ nanocrystals. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 83-87.	3.1	22
14	Control of magnetite primary particle size in aqueous dispersions of nanoclusters for high magnetic susceptibilities. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 359-367.	9.4	20
15	Structural Evolution During Precipitation of Alkaline-Earth Fluoride Nanocrystals in Oxyfluoride Glasses: A Multinuclear Nuclear Magnetic Resonance Spectroscopic Study. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2092-2098.	3.8	11
16	Cu _{1-x} Zr _x Al _{1-x} Ti Bulk Metallic Glass with Enhanced Glass-Forming Ability, Mechanical Properties, Corrosion Resistance and Biocompatibility. <i>Advanced Engineering Materials</i> , 2012, 14, 195-199.	3.5	11
17	Aqueous Superparamagnetic Magnetite Dispersions with Ultrahigh Initial Magnetic Susceptibilities. <i>Langmuir</i> , 2018, 34, 622-629.	3.5	6
18	Viscosity and Stability of Dry CO ₂ Foams for Improved Oil Recovery. , 2016, , .		3