

Qingzhao Yao

List of Publications by Year in descending order

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41
papers

420
citations

759055

12
h-index

839398

18
g-index

41
all docs

41
docs citations

41
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of fluorescent-tagged scale inhibitor and evaluation of its calcium carbonate precipitation performance. <i>Desalination</i> , 2014, 340, 1-10.	4.0	51
2	Optically Active Helical Polyurethane-urea with Single-Handed Conformation for Infrared Low Emissivity. <i>Macromolecules</i> , 2009, 42, 4972-4976.	2.2	24
3	Surface Functional Imprinting of Bensulfuron-methyl at Surface of Silica Nanoparticles Linked by Silane Coupling Agent. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 215-222.	1.9	23
4	Preparation and Evaluation of a Polyether-Based Polycarboxylate as a Kind of Inhibitor for Water Systems. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2624-2633.	1.8	22
5	Calcium sulfate precipitation studies with fluorescent-tagged scale inhibitor for cooling water systems. <i>Polymer Bulletin</i> , 2015, 72, 2171-2188.	1.7	17
6	Synthesis of TiO ₂ Hybrid Molecular Imprinted Polymer for Ethofumesate Linked by Silane Coupling Agent. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008, 18, 477-484.	1.9	16
7	Carboxylate-Terminated Double-Hydrophilic Block Copolymer as an Effective and Environmentally Friendly Inhibitor for Carbonate and Sulfate Scales in Cooling Water Systems. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3601-3609.	1.1	16
8	Preparation and application of a phosphorous free and nonnitrogen scale inhibitor in industrial cooling water systems. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 545-553.	3.3	16
9	Acrylic Acid-Allylpolyethoxy Carboxylate Copolymer Dispersant for Calcium Carbonate and Iron(III) Hydroxide Scales in Cooling Water Systems. <i>Tenside, Surfactants, Detergents</i> , 2012, 49, 216-224.	0.5	16
10	Performance of an environmentally friendly anti-scalant in CaSO ₄ scale inhibition. <i>Desalination and Water Treatment</i> , 2015, 53, 8-14.	1.0	15
11	Preparation of a low-phosphorous terpolymer as a scale, corrosion inhibitor, and dispersant for ferric oxide. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	15
12	Fluorescent-Tagged Double-Hydrophilic Block Copolymer as a Green Inhibitor for Calcium Carbonate Scales. <i>Tenside, Surfactants, Detergents</i> , 2012, 49, 404-412.	0.5	13
13	Acrylic acid-allylpolyethoxy carboxylate copolymer as an environmentally friendly calcium carbonate and iron(III) scale inhibitor. <i>Clean Technologies and Environmental Policy</i> , 2013, 15, 677-685.	2.1	12
14	Double-hydrophilic polyether antiscalant used as a crystal growth modifier of calcium scales in cooling water systems. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	11
15	Inhibition of calcium carbonate and sulfate scales by a non-phosphorus terpolymer AA-APEY-AMPS. <i>Desalination and Water Treatment</i> , 2016, 57, 1977-1987.	1.0	11
16	Synthesis of a New Type of 2-Phosphonobutane-1,2,4-tricarboxylic-Acid-Modified Terpolymer Scale Inhibitor and Its Application in the Oil Field. <i>Energy & Fuels</i> , 2021, 35, 6136-6143.	2.5	11
17	Evaluation of a low-phosphorus terpolymer as calcium scales inhibitor in cooling water. <i>Desalination and Water Treatment</i> , 2015, 55, 945-955.	1.0	10
18	Synthesis of TiO ₂ Hybrid Molecular Imprinted Nanospheres Linked by Silane Coupling Agent. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 466-472.	1.9	9

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19	Study on Calcium Scales Inhibition Performance in the Presence of Double-Hydrophilic Copolymer. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 205-213.	1.8	9
20	Carboxylate-Terminated Double-Hydrophilic Block Copolymer Containing Fluorescent Groups: An Effective and Environmentally Friendly Inhibitor for Calcium Carbonate Scales. International Journal of Polymeric Materials and Polymeric Biomaterials, 2013, 62, 678-685.	1.8	8
21	Investigation of calcium carbonate precipitation in the presence of fluorescent-tagged scale inhibitor for cooling water systems. Desalination and Water Treatment, 2015, 53, 3491-3498.	1.0	8
22	Evaluating the performance of PEG-based scale inhibition and dispersion agent in cooling water systems. Desalination and Water Treatment, 2015, 56, 1309-1320.	1.0	8
23	Preparation of a Multifunctional Terpolymer Inhibitor for CaCO ₃ and BaSO ₄ in Oil Fields. Tenside, Surfactants, Detergents, 2016, 53, 148-156.	0.5	8
24	Preparation and evaluation of nonphosphate terpolymer as scale inhibitor and dispersant for Ca ₃ (PO ₄) ₂ , BaSO ₄ , and Iron (III) hydroxide scales. Journal of Applied Polymer Science, 2015, 132, .	1.3	7
25	Calcium Scale Inhibition of Stimulated Oilfield Produced Water Using Polyaspartic Acid/Aminomethanesulfonic Acid. ChemistrySelect, 2021, 6, 3692-3701.	0.7	7
26	A multicarboxyl antiscalant for calcium phosphate and calcium carbonate deposits in cooling water systems. Desalination and Water Treatment, 2014, 52, 7258-7264.	1.0	6
27	Corrosion and Scale Inhibition Properties by Phosphate-free and Nitrogen-free Scale Inhibitor in Cooling Water System. Tenside, Surfactants, Detergents, 2014, 51, 248-256.	0.5	6
28	H ₃ PW ₁₂ O ₄₀ /mpgâ€C ₃ N ₄ as an efficient and reusable catalyst in the alkylation of <i>o</i> -xylene and styrene. Applied Organometallic Chemistry, 2019, 33, e5129.	1.7	6
29	Fluorescent-tagged acrylic acid-allylpolyethoxy carboxylate copolymer as a green inhibitor for calcium phosphate in industrial cooling systems. Designed Monomers and Polymers, 2013, 16, 89-98.	0.7	5
30	Preparation and Application of Fluorescent-tagged Inhibitor for Calcium Phosphate and Iron(III) Hydroxide Scales in Industrial Cooling Water Systems. Tenside, Surfactants, Detergents, 2014, 51, 257-266.	0.5	5
31	Acrylic Acidâ€Allylpolyethoxy Carboxylate Copolymer as an Effective Inhibitor for Calcium Phosphate and Iron(III) Scales in Cooling Water Systems. Clean - Soil, Air, Water, 2015, 43, 989-994.	0.7	5
32	A MXene-based multiple catalyst for highly efficient photocatalytic removal of nitrate. Environmental Science and Pollution Research, 2022, 29, 58149-58160.	2.7	5
33	MPEC-IMI as an effective green inhibitor to protect Q235 steel in 0.5ÂM HCl medium. Research on Chemical Intermediates, 2018, 44, 5833-5855.	1.3	4
34	Double-Hydrophilic Block Copolymer as an Effective and Environmentally Friendly Inhibitor for Phosphate and Carbonate Scales in Cooling Water Systems. Tenside, Surfactants, Detergents, 2013, 50, 14-20.	0.5	4
35	Synthesis of glutamic-modified polyether copolymer as a novel non-phosphorous inhibitor for calcium carbonate scales in cooling water systems. Desalination and Water Treatment, 2016, 57, 19206-19215.	1.0	3
36	Fluorescentâ€tagged maleic anhydrideâ€allylpolyethoxy carboxylate copolymer as an environmentally benign inhibitor for calcium phosphate in industrial cooling systems. Polymer Engineering and Science, 2013, 53, 1306-1313.	1.5	2

#	ARTICLE	IF	CITATIONS
37	Development and Evaluation of an Environmentally Friendly Calcium Carbonate and Calcium Sulfate Scales Inhibitor. <i>Tenside, Surfactants, Detergents</i> , 2015, 52, 155-162.	0.5	2
38	Sustainable Synthesis of Carbon Quantum Dots with Tailored Surface Functional Groups from Pomelo Peel Waste for Inhibiting Scale. <i>ChemistrySelect</i> , 2022, 7, .	0.7	2
39	Acrylic Acid-Allylpolyethoxy Carboxylate Copolymer: An Effective and Environmentally Friendly Inhibitor for Carbonate and Sulphate Scales in Cooling Water Systems. <i>International Journal of Green Energy</i> , 2015, 12, 1151-1158.	2.1	1
40	Double-Hydrophilic Block Copolymer as an Environmentally Friendly Inhibitor for Calcium Sulfate Dehydrate (Gypsum) Scale in Cooling Water Systems. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 37-46.	0.5	1
41	Preparation and Application of Double-Hydrophilic Copolymer as Scale and Corrosion Inhibitor for Industrial Water Recycling. <i>Tenside, Surfactants, Detergents</i> , 2017, 54, 467-478.	0.5	0