

# Qingzhao Yao

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

420  
citations

758635

12  
h-index

839053

18  
g-index

41  
all docs

41  
docs citations

41  
times ranked

280  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A MXene-based multiple catalyst for highly efficient photocatalytic removal of nitrate. <i>Environmental Science and Pollution Research</i> , 2022, 29, 58149-58160.  | 2.7 | 5         |
| 2  | 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         |
| 3  | 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 &amp; Fuels</i> , 2021, 35, 6136-6143.  | 2.5 | 11        |
| 4  | Calcium Scale Inhibition of Stimulated Oilfield Produced Water Using Polyaspartic Acid/Aminomethanesulfonic Acid. <i>ChemistrySelect</i> , 2021, 6, 3692-3701.  | 0.7 | 7         |
| 5  | H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /mpgâ€C <sub>3</sub> N <sub>4</sub> as an efficient and reusable catalyst in the alkylation of <i>o</i> -xylene and styrene. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5129.                     | 1.7 | 6         |
| 6  | MPEC-IMI as an effective green inhibitor to protect Q235 steel in 0.5Â M HCl medium. <i>Research on Chemical Intermediates</i> , 2018, 44, 5833-5855.   | 1.3 | 4         |
| 7  | Preparation and Evaluation of a Polyether-Based Polycarboxylate as a Kind of Inhibitor for Water Systems. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 2624-2633.   | 1.8 | 22        |
| 8  | 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         |
| 9  | Preparation of a Multifunctional Terpolymer Inhibitor for CaCO <sub>3</sub> and BaSO <sub>4</sub> in Oil Fields. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 148-156.   | 0.5 | 8         |
| 10 | 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         |
| 11 | 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        |
| 12 | Synthesis of glutamic-modified polyether copolymer as a novel non-phosphorous inhibitor for calcium carbonate scales in cooling water systems. <i>Desalination and Water Treatment</i> , 2016, 57, 19206-19215.   | 1.0 | 3         |
| 13 | Preparation and evaluation of nonphosphate terpolymer as scale inhibitor and dispersant for Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> , BaSO <sub>4</sub> , and Iron (III) hydroxide scales. <i>Journal of Applied Polymer Science</i> , 2015, 132, . | 1.3 | 7         |
| 14 | Acrylic Acidâ€Allylpolyethoxy Carboxylate Copolymer as an Effective Inhibitor for Calcium Phosphate and Iron(III) Scales in Cooling Water Systems. <i>Clean - Soil, Air, Water</i> , 2015, 43, 989-994.   | 0.7 | 5         |
| 15 | Calcium sulfate precipitation studies with fluorescent-tagged scale inhibitor for cooling water systems. <i>Polymer Bulletin</i> , 2015, 72, 2171-2188.   | 1.7 | 17        |
| 16 | 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        |
| 17 | Study on Calcium Scales Inhibition Performance in the Presence of Double-Hydrophilic Copolymer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 205-213.   | 1.8 | 9         |
| 18 | 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         |

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|----|--|-----|-----------|
| 19 | 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         |
| 20 | Performance of an environmentally friendly anti-scalant in CaSO <sub>4</sub> scale inhibition. <i>Desalination and Water Treatment</i> , 2015, 53, 8-14.   | 1.0 | 15        |
| 21 | Investigation of calcium carbonate precipitation in the presence of fluorescent-tagged scale inhibitor for cooling water systems. <i>Desalination and Water Treatment</i> , 2015, 53, 3491-3498.   | 1.0 | 8         |
| 22 | 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        |
| 23 | 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        |
| 24 | Evaluating the performance of PEG-based scale inhibition and dispersion agent in cooling water systems. <i>Desalination and Water Treatment</i> , 2015, 56, 1309-1320.   | 1.0 | 8         |
| 25 | 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        |
| 26 | A multicarboxyl antiscalant for calcium phosphate and calcium carbonate deposits in cooling water systems. <i>Desalination and Water Treatment</i> , 2014, 52, 7258-7264.  | 1.0 | 6         |
| 27 | Synthesis of fluorescent-tagged scale inhibitor and evaluation of its calcium carbonate precipitation performance. <i>Desalination</i> , 2014, 340, 1-10.  | 4.0 | 51        |
| 28 | Corrosion and Scale Inhibition Properties by Phosphate-free and Nitrogen-free Scale Inhibitor in Cooling Water System. <i>Tenside, Surfactants, Detergents</i> , 2014, 51, 248-256.  | 0.5 | 6         |
| 29 | Preparation and Application of Fluorescent-tagged Inhibitor for Calcium Phosphate and Iron(III) Hydroxide Scales in Industrial Cooling Water Systems. <i>Tenside, Surfactants, Detergents</i> , 2014, 51, 257-266.   | 0.5 | 5         |
| 30 | Carboxylate-Terminated Double-Hydrophilic Block Copolymer Containing Fluorescent Groups: An Effective and Environmentally Friendly Inhibitor for Calcium Carbonate Scales. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013, 62, 678-685. | 1.8 | 8         |
| 31 | 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        |
| 32 | Fluorescent-tagged maleic anhydride-allylpolyethoxy carboxylate copolymer as an environmentally benign inhibitor for calcium phosphate in industrial cooling systems. <i>Polymer Engineering and Science</i> , 2013, 53, 1306-1313.  | 1.5 | 2         |
| 33 | Fluorescent-tagged acrylic acid-allylpolyethoxy carboxylate copolymer as a green inhibitor for calcium phosphate in industrial cooling systems. <i>Designed Monomers and Polymers</i> , 2013, 16, 89-98.   | 0.7 | 5         |
| 34 | Double-Hydrophilic Block Copolymer as an Effective and Environmentally Friendly Inhibitor for Phosphate and Carbonate Scales in Cooling Water Systems. <i>Tenside, Surfactants, Detergents</i> , 2013, 50, 14-20.  | 0.5 | 4         |
| 35 | 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        |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | Synthesis of TiO <sub>2</sub> 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         |
| 40 | Optically Active Helical Polyurethane-urea with Single-Handed Conformation for Infrared Low Emissivity. <i>Macromolecules</i> , 2009, 42, 4972-4976.   | 2.2 | 24        |
| 41 | Synthesis of TiO <sub>2</sub> 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        |