

Qian He

List of Publications by Year in descending order

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29
papers

675
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687363

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552781

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times ranked

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | High-yield sample introduction using nebulized film dielectric barrier discharge assisted chelate vapor generation for trace rare earth elements determination by inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2022, 191, 106396. | 2.9 | 6 |
| 2 | Photoenhanced Oxidase-like Peroxidase-like NiCo ₂ O ₄ @MnO ₂ Nanozymes for Colorimetric Detection of Hydroquinone. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5651-5658. | 6.7 | 26 |
| 3 | Effect of Temperature on the Adhesion and Bactericidal Activities of Ag ⁺ -Doped BiVO ₄ Ceramic Tiles. <i>Inorganics</i> , 2022, 10, 61. | 2.7 | 3 |
| 4 | Promoting oxygen reduction <i>via</i> coordination environment modulation through secondary metal-atom incorporation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 19626-19634. | 10.3 | 9 |
| 5 | Neuroprotective compounds from the resinous heartwood of <i>Aquilaria sinensis</i> . <i>Phytochemistry</i> , 2021, 181, 112554. | 2.9 | 15 |
| 6 | Detection of intermediates for diatomic [TaO] ⁺ catalyzed gas-phase reaction of methane coupling to ethane and ethylene by ICP-MS/MS. <i>Microchemical Journal</i> , 2021, 161, 105762. | 4.5 | 5 |
| 7 | Visible-to-UVC driven upconversion photocatalyst sterilization efficiency and mechanisms of ¹² -NaYF ₄ : Pr ³⁺ , Li ⁺ @BiOCl with a core-shell structure. <i>Journal of Environmental Management</i> , 2021, 288, 112394. | 7.8 | 6 |
| 8 | A Feasibility Study of Rare-Earth Element Vapor Generation by Nebulized Film Dielectric Barrier Discharge and Its Application in Environmental Sample Determination. <i>Analytical Chemistry</i> , 2020, 92, 2535-2542. | 6.5 | 19 |
| 9 | Simultaneous determination of noble metals (Rh, Pd, Ir, Pt, and Au) in environmental samples by nebulized film dielectric barrier discharge vapor generation coupled with inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2704-2711. | 3.0 | 11 |
| 10 | Self-assembling two-dimensional nanophotonic arrays for reflectivity-based sensing. <i>Chemical Science</i> , 2020, 11, 9563-9570. | 7.4 | 8 |
| 11 | First-Principle Insight Into the Effects of Oxygen Vacancies on the Electronic, Photocatalytic, and Optical Properties of Monoclinic BiVO ₄ (001). <i>Frontiers in Chemistry</i> , 2020, 8, 601983. | 3.6 | 13 |
| 12 | The screening of intermediates in a ruthenium and iridium ion-catalyzed gas-phase reaction of ethanol converting to butanol by ICP-MS/MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 804-809. | 3.0 | 6 |
| 13 | Secondary Metabolites of <i>Clausena vestita</i> . <i>Chemistry of Natural Compounds</i> , 2020, 56, 169-172. | 0.8 | 1 |
| 14 | Rapid screening of gaseous catalysts in methane activation using ICP-QQQ-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 563-568. | 3.0 | 6 |
| 15 | Conjugated Microporous Polytetra(2-thienyl)ethylene as High Performance Anode Material for Lithium- and Sodium-Ion Batteries. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700524. | 2.2 | 39 |
| 16 | Innate Anti-microbial and Anti-chemotaxis Properties of Progranulin in an Acute Otitis Media Mouse Model. <i>Frontiers in Immunology</i> , 2018, 9, 2952. | 4.8 | 6 |
| 17 | The neuroprotective effects and probable mechanisms of Ligustilide and its degradative products on intracerebral hemorrhage in mice. <i>International Immunopharmacology</i> , 2018, 63, 43-57. | 3.8 | 46 |
| 18 | Toward High Performance Thiophene-Containing Conjugated Microporous Polymer Anodes for Lithium-Ion Batteries through Structure Design. <i>Advanced Functional Materials</i> , 2018, 28, 1705432. | 14.9 | 162 |

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|----|--|-----|-----------|
| 19 | A rapid screening platform for catalyst discovery in azide-alkyne cycloaddition by ICP-MS/MS. <i>Talanta</i> , 2017, 165, 39-43. | 5.5 | 6 |
| 20 | Rapid screening of copper intermediates in Cu-catalyzed azide-alkyne cycloaddition using a modified ICP-MS/MS platform. <i>Chemical Communications</i> , 2016, 52, 10501-10504. | 4.1 | 15 |
| 21 | ICP-MS/MS as a tool to study abiotic methylation of inorganic mercury reacting with VOCs. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1997-2002. | 3.0 | 7 |
| 22 | Flowing and Nonflowing Liquid Electrode Discharge Microplasma for Metal Ion Detection by Optical Emission Spectrometry. <i>Applied Spectroscopy Reviews</i> , 2014, 49, 249-269. | 6.7 | 60 |
| 23 | Plasma-induced vapor generation technique for analytical atomic spectrometry. <i>Reviews in Analytical Chemistry</i> , 2014, 33, . | 3.2 | 22 |
| 24 | Preparation of graphene/BaFe ₁₂ O ₁₉ -Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ nanocomposite and its microwave absorbing properties. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 67, 344-350. | 2.4 | 19 |
| 25 | Elemental Determination of Microsamples by Liquid Film Dielectric Barrier Discharge Atomic Emission Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 4179-4184. | 6.5 | 64 |
| 26 | Cross-layer parameters reconfiguration in cognitive radio networks using ant colony optimization. , 2012, , . | | 1 |
| 27 | Reasoning through fuzzy logical for reconfiguration in cognitive radio network. , 2011, , . | | 5 |
| 28 | Solution cathode glow discharge induced vapor generation of mercury and its application to mercury speciation by high performance liquid chromatography-atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4462-4467. | 3.7 | 46 |
| 29 | Solution cathode glow discharge induced vapor generation of iodine for determination by inductively coupled plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1390. | 3.0 | 43 |