

# Qian He

## List of Publications by Year in descending order

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29  
papers

675  
citations

687363

13  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

777  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Elemental Determination of Microsamples by Liquid Film Dielectric Barrier Discharge Atomic Emission Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 4179-4184.	6.5	64
3	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
4	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
5	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
6	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
7	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
8	Photoenhanced Oxidase-Peroxidase-like NiCo <sub>2</sub> O <sub>4</sub> @MnO <sub>2</sub> Nanozymes for Colorimetric Detection of Hydroquinone. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5651-5658.	6.7	26
9	Plasma-induced vapor generation technique for analytical atomic spectrometry. <i>Reviews in Analytical Chemistry</i> , 2014, 33, .	3.2	22
10	Preparation of graphene/BaFe <sub>12</sub> O <sub>19</sub> -Ni <sub>0.8</sub> Zn <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> nanocomposite and its microwave absorbing properties. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 67, 344-350.	2.4	19
11	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
12	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
13	Neuroprotective compounds from the resinous heartwood of <i>Aquilaria sinensis</i> . <i>Phytochemistry</i> , 2021, 181, 112554.	2.9	15
14	First-Principle Insight Into the Effects of Oxygen Vacancies on the Electronic, Photocatalytic, and Optical Properties of Monoclinic BiVO <sub>4</sub> (001). <i>Frontiers in Chemistry</i> , 2020, 8, 601983.	3.6	13
15	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
16	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
17	Self-assembling two-dimensional nanophotonic arrays for reflectivity-based sensing. <i>Chemical Science</i> , 2020, 11, 9563-9570.	7.4	8
18	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

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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 gaseous catalysts in methane activation using ICP-QQQ-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 563-568.	3.0	6
21	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
22	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
23	Visible-to-UVC driven upconversion photocatalyst sterilization efficiency and mechanisms of $\text{I}^2\text{-NaYF}_4\text{:Pr}^{3+}, \text{Li}^+\text{@BiOCl}$ with a core-shell structure. <i>Journal of Environmental Management</i> , 2021, 288, 112394.	7.8	6
24	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
25	Reasoning through fuzzy logical for reconfiguration in cognitive radio network. , 2011, , .		5
26	Detection of intermediates for diatomic $[\text{TaO}]^+$ 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
27	Effect of Temperature on the Adhesion and Bactericidal Activities of $\text{Ag}^+$ -Doped $\text{BiVO}_4$ Ceramic Tiles. <i>Inorganics</i> , 2022, 10, 61.	2.7	3
28	Cross-layer parameters reconfiguration in cognitive radio networks using ant colony optimization. , 2012, , .		1
29	Secondary Metabolites of <i>Clausena vestita</i> . <i>Chemistry of Natural Compounds</i> , 2020, 56, 169-172.	0.8	1