

# Mohammad A Haghghatbin

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

493  
citations

759233

12  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential-Resolved Differential Electrochemiluminescence Immunosensor for Cardiac Troponin I Based on MOF-5-Wrapped CdS Quantum Dot Nanoluminophores. <i>Analytical Chemistry</i> , 2020, 92, 14113-14121.	6.5	92
2	A FRET-based ratiometric redox probe for detecting oxidative stress by confocal microscopy, FLIM and flow cytometry. <i>Chemical Communications</i> , 2015, 51, 10510-10513.	4.1	59
3	Metal Ion-Mediated Potential-Resolved Ratiometric Electrochemiluminescence Bioassay for Efficient Determination of miR-133a in Early Diagnosis of Acute Myocardial Infarction. <i>Analytical Chemistry</i> , 2020, 92, 7062-7070.	6.5	55
4	A comparative investigation of the electrocatalytic oxidation of methanol on poly-NiTCPP and poly-TCPP/Ni modified glassy carbon electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2011, 663, 14-23.	3.8	41
5	Polymer-Encapsulated Cobalt/Gold Bimetallic Nanoclusters as Stimuli-Responsive Chemiluminescent Nanoprobes for Reactive Oxygen Species. <i>Analytical Chemistry</i> , 2020, 92, 10677-10685.	6.5	36
6	Electrochemiluminescence of cyclometalated iridium (III) complexes. <i>Current Opinion in Electrochemistry</i> , 2018, 7, 216-223.	4.8	33
7	Electrochemically tuneable multi-colour electrochemiluminescence using a single emitter. <i>Chemical Science</i> , 2016, 7, 6974-6980.	7.4	29
8	Wide-Bite-Angle Diphosphine Ligands in Thermally Activated Delayed Fluorescent Copper(I) Complexes: Impact on the Performance of Electroluminescence Applications. <i>Inorganic Chemistry</i> , 2021, 60, 10323-10339.	4.0	28
9	Tuning the electrochemiluminescent properties of iridium complexes of N-heterocyclic carbene ligands. <i>Dalton Transactions</i> , 2019, 48, 653-663.	3.3	23
10	Functionalized Polydopamine Nanospheres with Chemiluminescence and Immunoactivity for Label-Free Copeptin Immunosensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 4681-4689.	5.0	16
11	A label-free three potential ratiometric electrochemiluminescence immunosensor for cardiac troponin I based on N-(4-aminobutyl)-N-ethylisoluminol functionalized graphene quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129628.	7.8	16
12	The final fate of NHC stabilized dicarbon. <i>Pure and Applied Chemistry</i> , 2017, 89, 791-800.	1.9	13
13	Near-Infrared Electrochemiluminescence from Bistridentate Ruthenium(II) Di(quinoline $\pi$ -yl)pyridine Complexes in Aqueous Media. <i>ChemPlusChem</i> , 2020, 85, 346-352.	2.8	13
14	Access to the Parent Tetrakis(pyridine)gold(III) Trication, Facile Formation of Rare Au(III) Terminal Hydroxides, and Preliminary Studies of Biological Properties. <i>Inorganic Chemistry</i> , 2016, 55, 2830-2839.	4.0	12
15	9-Vinylanthracene Based Fluorogens: Synthesis, Structure-Property Relationships and Applications. <i>Molecules</i> , 2017, 22, 2148.	3.8	8
16	DUPLICATE: Electrochemiluminescence of cyclometalated iridium (III) complexes. <i>Current Opinion in Electrochemistry</i> , 2018, 8, 52-59.	4.8	7
17	Luminescent iridium( $\pi$ -boronic acid complexes for carbohydrate sensing. <i>Dalton Transactions</i> , 2020, 49, 11361-11374.	3.3	7
18	A Strong $\pi$ -Effect in an Imidazole $\pi$ -imidazolium $\pi$ -Substituted Alkene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8473-8480.	13.8	3

#	ARTICLE	IF	CITATIONS
19	A Strong cis Effect in an Imidazole-Imidazolium-Substituted Alkene. <i>Angewandte Chemie</i> , 2017, 129, 8593-8600.	2.0	1