

# FabrÃ-cio G Menezes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8211783/publications.pdf>

Version: 2024-02-01

22  
papers

197  
citations

933447

10  
h-index

1125743

13  
g-index

23  
all docs

23  
docs citations

23  
times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quinoxaline-based chromogenic and fluorogenic chemosensors for the detection of metal cations. <i>Chemical Papers</i> , 2021, 75, 1775-1793.	2.2	13
2	Biospectroscopy and chemometrics as an analytical tool for comparing the antibacterial mechanism of silver nanoparticles with popular antibiotics against <i>Escherichia coli</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119558.	3.9	9
3	Quinoxaline-functionalized silver nanoparticles as chromogenic probe for the multiple selective detection of cysteine, Mg <sup>2+</sup> and Sn <sup>2+</sup> in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130743.	7.8	11
4	2,3-Dichloroquinoxaline as a versatile building block for heteroaromatic nucleophilic substitution: A review of the last decade. <i>Arabian Journal of Chemistry</i> , 2020, 13, 721-739.	4.9	19
5	Castor oil derivatives in the environmentally friendly one-pot synthesis of silver nanoparticles: application in cysteine sensing. <i>Materials Research Bulletin</i> , 2020, 124, 110755.	5.2	13
6	Nucleophilicity of cysteine and related biothiols and the development of fluorogenic probes and other applications. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9398-9427.	2.8	29
7	Functionalization of gold nanoparticles with two aminoalcohol-based quinoxaline derivatives for targeting phosphoinositide 3-kinases (PI3K). <i>New Journal of Chemistry</i> , 2019, 43, 1803-1811.	2.8	9
8	One-pot synthesis and structural elucidation of polyfunctionalized quinoxalines and their use as chromogenic chemosensors for ionic species. <i>Journal of Molecular Structure</i> , 2019, 1195, 936-943.	3.6	3
9	Rutin-modified silver nanoparticles as a chromogenic probe for the selective detection of Fe <sup>3+</sup> in aqueous medium. <i>RSC Advances</i> , 2019, 9, 30007-30011.	3.6	10
10	Non-symmetrical three and two-core ring mesogens based on quinoxaline and benzimidazole derivatives: Supramolecular layers through amphoteric donating/accepting H-bonds. <i>Journal of Molecular Structure</i> , 2019, 1180, 399-405.	3.6	1
11	Selective Synthesis of Mono- and Disubstituted Quinoxalines via Heteroaromatic Nucleophilic Substitution of 2,3-Dichloro-6,7-dinitroquinoxaline (DCDNQX) with Anilines and Phenols. <i>ChemistrySelect</i> , 2018, 3, 10782-10786.	1.5	2
12	Multicomponent synthesis of substituted 3-styryl-1H-quinoxalin-2-ones in an aqueous medium. <i>Tetrahedron Letters</i> , 2018, 59, 3961-3964.	1.4	13
13	2,3-Dichloroquinoxaline in Cross-coupling Reactions: A Single Substrate, Many Possibilities. <i>Current Organic Chemistry</i> , 2018, 22, 1573-1588.	1.6	3
14	Theoretical and Experimental Investigation of Acidity of the Glutamate Receptor Antagonist 6,7-Dinitro-1,4-dihydroquinoxaline-2,3-dione and Its Possible Implication in GluA2 Binding. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7414-7423.	2.5	11
15	Quantification of Synthetic Amino-Nitroquinoxaline Dyes: An Approach Using Image Analysis. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	2
16	Determination of serum protein content using cell phone image analysis. <i>Analytical Methods</i> , 2016, 8, 6458-6462.	2.7	10
17	Ascorbic acid-based quinoxaline derivative as a chromogenic chemosensor for Cu <sup>2+</sup> . <i>Inorganic Chemistry Communication</i> , 2016, 70, 71-74.	3.9	14
18	BIOORGANIC CONCEPTS INVOLVED IN THE DETERMINATION OF GLUCOSE, CHOLESTEROL AND TRIGLYCERIDES IN PLASMA USING THE ENZYMATIC COLORIMETRIC METHOD. <i>Quimica Nova</i> , 2015, , .	0.3	5

#	ARTICLE	IF	CITATIONS
19	Hexabromoacetone as tribromoacetylating agent of alcohols and amines and as mediator in the conversion of carboxylic acids into amides in the presence of triphenylphosphine. <i>Tetrahedron Letters</i> , 2009, 50, 2559-2561.	1.4	12
20	Colorimetric Determination of Ascorbic Acid Based on Its Interfering Effect in the Enzymatic Analysis of Glucose: An Approach Using Smartphone Image Analysis. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
21	A Low-Cost Video-Based Reflectometer for Selective Detection of Cu <sup>2+</sup> Using Paper-Based Colorimetric Sensors. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
22	EXPERIMENTAL AND THEORETICAL ANALYSIS OF AN OXAZINOQUINOXALINE DERIVATIVE FOR CORROSION INHIBITION OF AISI 1018 STEEL. <i>Quimica Nova</i> , 0, , .	0.3	4