

B F Gomes

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

165
citations

1163117

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1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ analysis of copper electrodeposition reaction using unilateral NMR sensor. <i>Journal of Magnetic Resonance</i> , 2015, 261, 83-86.	2.1	24
2	Measuring the solubility product constant of paramagnetic cations using time-domain nuclear magnetic resonance relaxometry. <i>Microchemical Journal</i> , 2015, 121, 14-17.	4.5	22
3	Strong magneto-electrolysis effect during electrochemical reaction monitored in situ by high-resolution NMR spectroscopy. <i>Analytica Chimica Acta</i> , 2017, 983, 91-95.	5.4	22
4	<i>In Situ</i> Study of the Magneto-electrolysis Phenomenon during Copper Electrodeposition Using Time Domain NMR Relaxometry. <i>Analytical Chemistry</i> , 2014, 86, 9391-9393.	6.5	20
5	Electrochemical NMR spectroscopy: Electrode construction and magnetic sample stirring. <i>Microchemical Journal</i> , 2019, 146, 658-663.	4.5	20
6	Sustainable Electrocoupling of the Biogenic Valeric Acid under in Situ Low-Field Nuclear Magnetic Resonance Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18288-18296.	6.7	14
7	In-situ MRI velocimetry of the magnetohydrodynamic effect in electrochemical cells. <i>Journal of Magnetic Resonance</i> , 2020, 312, 106692.	2.1	12
8	Monitoring Electrochemical Reactions in Situ with Low Field NMR: A Mini-Review. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 498.	2.5	10
9	Use of the Relaxometry Technique for Quantification of Paramagnetic Ions in Aqueous Solutions and a Comparison with Other Analytical Methods. <i>International Journal of Analytical Chemistry</i> , 2016, 2016, 1-5.	1.0	7
10	Composite Graphite-Epoxy Electrodes for In Situ Electrochemistry Coupling with High Resolution NMR. <i>ACS Omega</i> , 2022, 7, 4991-5000.	3.5	7
11	A bird's eye perspective of the measurement of oxygen reduction reaction in gas diffusion electrode half-cell set-ups for Pt electrocatalysts in acidic media. <i>JPhys Materials</i> , 2021, 4, 044004.	4.2	6
12	Use of Time Domain Nuclear Magnetic Resonance Relaxometry to Monitor the Effect of Magnetic Field on the Copper Corrosion Rate in Real Time. <i>Magnetochemistry</i> , 2022, 8, 40.	2.4	1