

B F Gomes

List of Publications by Year in descending order

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papers

165
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1163117

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docs citations

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173
citing authors

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