

Flavio Vinicius Crizostomo Kock

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

746
citations

933447

10
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	A ubiquitous tire rubber-derived chemical induces acute mortality in coho salmon. <i>Science</i> , 2021, 371, 185-189.	12.6	504
2	Application of Low-Field NMR for the Determination of Physical Properties of Petroleum Fractions. <i>Energy & Fuels</i> , 2013, 27, 673-679.	5.1	62
3	Low-field nuclear magnetic resonance for petroleum distillate characterization. <i>Fuel Processing Technology</i> , 2015, 138, 202-209.	7.2	21
4	Rapid and simultaneous relaxometric methods to study paramagnetic ion complexes in solution: An alternative to spectrophotometry. <i>Microchemical Journal</i> , 2015, 122, 144-148.	4.5	18
5	Synthesis of High Relaxivity Gadolinium AAZTA Tetramers as Building Blocks for Bioconjugation. <i>Bioconjugate Chemistry</i> , 2018, 29, 1428-1437.	3.6	18
6	NMR spectroscopy of wastewater: A review, case study, and future potential. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2021, 126-127, 121-180.	7.5	18
7	Quantification of paramagnetic ions in solution using time domain NMR. PROS and CONS to optical emission spectrometry method. <i>Microchemical Journal</i> , 2018, 137, 204-207.	4.5	14
8	Rapid method for monitoring chitosan coagulation using low-field NMR relaxometry. <i>Carbohydrate Polymers</i> , 2016, 150, 1-4.	10.2	12
9	Relative hydrogen index as a fast method for the simultaneous determination of physicochemical properties of petroleum fractions. <i>Fuel</i> , 2017, 210, 41-48.	6.4	12
10	Time-domain NMR: A novel analytical method to quantify adulteration of ethanol fuel with methanol. <i>Fuel</i> , 2019, 258, 116158.	6.4	11
11	Non-Invasive Detection of Adulterated Olive Oil in Full Bottles Using Time-Domain NMR Relaxometry. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	11
12	Time-domain NMR relaxometry as an alternative method for analysis of chitosan-paramagnetic ion interactions in solution. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 228-232.	7.5	9
13	Gadolinium(III) Complexes with N-Alkyl-N-methylglucamine Surfactants Incorporated into Liposomes as Potential MRI Contrast Agents. <i>Bioinorganic Chemistry and Applications</i> , 2015, 2015, 1-8.	4.1	8
14	Xanthate-modified alginates for the removal of Pb(II) and Ni(II) from aqueous solutions: A brief analysis of alginate xanthation. <i>International Journal of Biological Macromolecules</i> , 2021, 179, 557-566.	7.5	8
15	A Supramolecular Interaction of a Ruthenium Complex With Calf-Thymus DNA: A Ligand Binding Approach by NMR Spectroscopy. <i>Frontiers in Chemistry</i> , 2019, 7, 762.	3.6	5
16	Synthesis, Characterization, and Low-Toxicity Study of a Magnesium(II) Complex Containing an Isovanillate Group. <i>ACS Omega</i> , 2020, 5, 3504-3512.	3.5	5
17	[Gd(AAZTA)] ⁿ⁺ Derivatives with n-Alkyl Acid Side Chains Show Improved Properties for Their Application as MRI Contrast Agents**. <i>Chemistry - A European Journal</i> , 2021, 27, 1849-1859.	3.3	4
18	Monitoring Stimulated Darkening from UV-C Light on Different Bean Genotypes by NMR Spectroscopy. <i>Molecules</i> , 2022, 27, 2060.	3.8	3

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19	Magnetic resonance studies of copper (II) sorbitol complex, in solution, reveal a supramolecular structure compatible to the crystal structure. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 404-411.	1.9	2
20	A straightforward catalytic approach to obtain deuterated chloroform at room temperature. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 917-920.	1.9	1
21	Relaxometric Study Concerning the Action of A Complexant Agent on Petroleum. <i>Global Journal of Energy Technology Research Updates</i> , 2014, 1, 96-103.	0.2	0
22	Preparaçãoo e Caracterizaçãoo de Blendas HÃbridadas de Poliacrilonitrila e Quitosana. <i>Orbital</i> , 2015, 7, .	0.3	0