

# Rodrigo de Oliveira-Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

226  
citations

1040056

9  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkylation of isobutane with butenes using OSDA-free zeolite beta. <i>Journal of Catalysis</i> , 2022, 406, 206-212.	6.2	6
2	Sustainable formation of tricarballylic acid from citric acid over highly stable Pd/Nb <sub>2</sub> O <sub>5</sub> ·nH <sub>2</sub> O catalysts. <i>Journal of Catalysis</i> , 2022, 408, 88-97.	6.2	6
3	Study of zeolite anti-caking effects for fertilisers by <sup>1</sup> H low-field NMR. <i>Journal of Magnetic Resonance</i> , 2022, 342, 107264.	2.1	3
4	A benchtop single-sided magnet with NMR well-logging tool specifications – Examples of application. <i>Journal of Magnetic Resonance</i> , 2021, 322, 106871.	2.1	11
5	Benchtop <i>In Situ</i> Measurement of Full Adsorption Isotherms by NMR. <i>Journal of the American Chemical Society</i> , 2021, 143, 8249-8254.	13.7	18
6	A Cooperative OSDA Blueprint for Highly Siliceous Faujasite Zeolite Catalysts with Enhanced Acidity Accessibility. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24189-24197.	13.8	14
7	A Cooperative OSDA Blueprint for Highly Siliceous Faujasite Zeolite Catalysts with Enhanced Acidity Accessibility. <i>Angewandte Chemie</i> , 2021, 133, 24391.	2.0	5
8	Topochemical Engineering of Cellulose – Carboxymethyl Cellulose Beads: A Low-Field NMR Relaxometry Study. <i>Molecules</i> , 2021, 26, 14.	3.8	12
9	Coupling NMR to SANS: Addressing at once structure and dynamics in soft matter. <i>Journal of Neutron Research</i> , 2020, 21, 155-166.	1.1	3
10	Vapor-Phase Linker Exchange of the Metal-Organic Framework ZIF-8: A Solvent-Free Approach to Post-synthetic Modification. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18471-18475.	13.8	42
11	Vapor-Phase Linker Exchange of the Metal-Organic Framework ZIF-8: A Solvent-Free Approach to Post-synthetic Modification. <i>Angewandte Chemie</i> , 2019, 131, 18642-18646.	2.0	14
12	Low-field single-sided NMR for one-shot 1D-mapping: Application to membranes. <i>Journal of Magnetic Resonance</i> , 2017, 277, 25-29.	2.1	10
13	Ionic Liquids Confined in Silica Ionogels: Structural, Thermal, and Dynamical Behaviors. <i>Entropy</i> , 2017, 19, 140.	2.2	11
14	Experimental implementation of quantum information processing by Zeeman-perturbed nuclear quadrupole resonance. <i>Quantum Information Processing</i> , 2015, 14, 1889-1906.	2.2	9
15	Nuclear magnetic resonance investigation of water accessibility in cellulose of pretreated sugarcane bagasse. <i>Biotechnology for Biofuels</i> , 2014, 7, 127.	6.2	24
16	Chemical shift assignments of the canecystatin-1 from <i>Saccharum officinarum</i> . <i>Biomolecular NMR Assignments</i> , 2013, 7, 163-165.	0.8	4
17	X-ray crystallography and NMR studies of domain-swapped canecystatin-1. <i>FEBS Journal</i> , 2013, 280, 1028-1038.	4.7	25
18	Carbon and nitrogen stable isotope compositions of organic matter in marine sediment cores from the Abrolhos region: indicators of sources and preservation. <i>Geochimica Brasiliensis</i> , 2013, 27, 13-23.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Multi-quantum echoes in GdAl <sub>2</sub> zero-field high-resolution NMR. Journal of Magnetic Resonance, 2011, 212, 265-273.	2.1	3