

Guinevere Mathies

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3697499/publications.pdf>

Version: 2024-02-01

11
papers

499
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Pulsed Dynamic Nuclear Polarization with the X-Inverse-X Sequence. <i>Journal of the American Chemical Society</i> , 2022, 144, 1513-1516.	13.7	13
2	Analysis of the EPR spectra of transferrin: the importance of a zero-field-splitting distribution and 4 th -order terms. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16937-16948.	2.8	7
3	Time-optimized pulsed dynamic nuclear polarization. <i>Science Advances</i> , 2019, 5, eaav6909.	10.3	51
4	The [Fe{(SePPh) ₂ N} ₂] Complex Revisited: X-ray Crystallography, Magnetometry, High-Frequency EPR, and Mössbauer Studies Reveal Its Tetrahedral Fe ^{II} Se ₄ Coordination Sphere. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 713-721.	2.0	6
5	Conformation of bis-nitroxide polarizing agents by multi-frequency EPR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25506-25517.	2.8	27
6	Efficient cross-effect dynamic nuclear polarization without depolarization in high-resolution MAS NMR. <i>Chemical Science</i> , 2017, 8, 8150-8163.	7.4	76
7	Off-resonance NOVEL. <i>Journal of Chemical Physics</i> , 2017, 147, 164201.	3.0	38
8	Pulsed Dynamic Nuclear Polarization with Trityl Radicals. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 111-116.	4.6	47
9	Efficient Dynamic Nuclear Polarization at 800 MHz/527 GHz with Trityl Nitroxide Biradicals. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11770-11774.	13.8	172
10	Exploring the Fe(III) binding sites of human serum transferrin with EPR at 275 GHz. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 487-496.	2.6	12
11	Multifrequency EPR Study of Fe ³⁺ and Co ²⁺ in the Active Site of Desulfiredoxin. <i>Journal of Physical Chemistry B</i> , 2012, 116, 7122-7128.	2.6	16