

# Guinevere Mathies

## List of Publications by Year in descending order

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

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11  
papers

499  
citations

933447

10  
h-index

1199594

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g-index

13  
all docs

13  
docs citations

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times ranked

489  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Efficient cross-effect dynamic nuclear polarization without depolarization in high-resolution MAS NMR. <i>Chemical Science</i> , 2017, 8, 8150-8163.	7.4	76
3	Time-optimized pulsed dynamic nuclear polarization. <i>Science Advances</i> , 2019, 5, eaav6909.	10.3	51
4	Pulsed Dynamic Nuclear Polarization with Trityl Radicals. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 111-116.	4.6	47
5	Off-resonance NOVEL. <i>Journal of Chemical Physics</i> , 2017, 147, 164201.	3.0	38
6	Conformation of bis-nitroxide polarizing agents by multi-frequency EPR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25506-25517.	2.8	27
7	Multifrequency EPR Study of Fe <sup>3+</sup> and Co <sup>2+</sup> in the Active Site of Desulfiredoxin. <i>Journal of Physical Chemistry B</i> , 2012, 116, 7122-7128.	2.6	16
8	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
9	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
10	Analysis of the EPR spectra of transferrin: the importance of a zero-field-splitting distribution and 4 <sup>th</sup> -order terms. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16937-16948.	2.8	7
11	The [Fe{(SePP) <sub>2</sub> N} <sub>2</sub> ] Complex Revisited: X-ray Crystallography, Magnetometry, High-Frequency EPR, and Mössbauer Studies Reveal Its Tetrahedral Fe <sup>II</sup> Se <sub>4</sub> Coordination Sphere. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 713-721.	2.0	6