

# Edgar J J Groenen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1211729/publications.pdf>

Version: 2024-02-01

19  
papers

255  
citations

1307594

7  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical Analysis of the Spin Hamiltonian Parameters in Co <sup>II</sup> S <sub>4</sub> Complexes, Using Density Functional Theory and Correlated ab initio Methods. <i>Inorganic Chemistry</i> , 2011, 50, 8741-8754.	4.0	114
2	A Multifrequency High-Field Electron Paramagnetic Resonance Study of Co <sup>II</sup> S <sub>4</sub> Coordination. <i>Inorganic Chemistry</i> , 2010, 49, 595-605.	4.0	42
3	High-frequency EPR study of the high-spin FeII complex Fe[(SPPH <sub>2</sub> ) <sub>2</sub> N] <sub>2</sub> . <i>Journal of Magnetic Resonance</i> , 2012, 224, 94-100.	2.1	20
4	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
5	The type 1 copper site of pseudoazurin: Axial and rhombic. <i>Journal of Inorganic Biochemistry</i> , 2014, 137, 57-63.	3.5	9
6	A Mononuclear Mn(II) Pseudoclathrochelate Complex Studied by Multi-Frequency Electron-Paramagnetic-Resonance Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 886-889.	4.6	9
7	Simulation of multi-frequency EPR spectra for a distribution of the zero-field splitting. <i>Journal of Magnetic Resonance</i> , 2015, 255, 106-113.	2.1	9
8	Rapid Freeze-Quench EPR Spectroscopy: Improved Collection of Frozen Particles. <i>Applied Magnetic Resonance</i> , 2016, 47, 643-653.	1.2	8
9	Anion-Induced Assembly of Hexacoordinate Rare-Earth(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3478-3483.	2.0	7
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{(SePPH <sub>2</sub> ) <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
12	Temperature Determination by EPR at 275 GHz and the Detection of Temperature Jumps in Aqueous Samples. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13416-13421.	2.6	5
13	Effective coupling of rapid freeze-quench to high-frequency electron paramagnetic resonance. <i>PLoS ONE</i> , 2020, 15, e0232555.	2.5	4
14	Temperature-cycle electron paramagnetic resonance. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9487-9493.	2.8	2
15	A comment on the pseudo-nuclear Zeeman effect. <i>Journal of Magnetic Resonance</i> , 2012, 218, 11-15.	2.1	1
16	Effective coupling of rapid freeze-quench to high-frequency electron paramagnetic resonance. , 2020, 15, e0232555.		0
17	Effective coupling of rapid freeze-quench to high-frequency electron paramagnetic resonance. , 2020, 15, e0232555.		0
18	Effective coupling of rapid freeze-quench to high-frequency electron paramagnetic resonance. , 2020, 15, e0232555.		0

#	ARTICLE	IF	CITATIONS
19	Effective coupling of rapid freeze-quench to high-frequency electron paramagnetic resonance. , 2020, 15, e0232555.		0