

Andrin Doll

List of Publications by Year in descending order

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23
papers

732
citations

567281

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h-index

642732

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g-index

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all docs

23
docs citations

23
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical excitation of electromagnons in hexaferrite. <i>Physical Review Research</i> , 2022, 4, .	3.6	4
2	Orienting dilute thin films of non-planar spin-1/2 vanadylâ€“phthalocyanine complexes. <i>Materials Advances</i> , 2022, 3, 4938-4946.	5.4	1
3	Pulsed electron spin resonance spectroscopy in the Purcell regime. <i>Journal of Magnetic Resonance</i> , 2020, 310, 106662.	2.1	18
4	Multiple Giant-Magnetoresistance Sensors Controlled by Additive Dipolar Coupling. <i>Physical Review Applied</i> , 2020, 13, .	3.8	10
5	Hyperfine spectroscopy in a quantum-limited spectrometer. <i>Magnetic Resonance</i> , 2020, 1, 315-330.	1.9	9
6	Optimizing magnetoresistive sensor signal-to-noise via pinning field tuning. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	12
7	Pulsed and continuous-wave magnetic resonance spectroscopy using a low-cost software-defined radio. <i>AIP Advances</i> , 2019, 9, .	1.3	12
8	Artefact suppression in 5-pulse double electron electron resonance for distance distribution measurements. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 15766-15779.	2.8	31
9	Double electronâ€“electron resonance with multiple non-selective chirp refocusing. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1039-1053.	2.8	20
10	Wideband frequency-swept excitation in pulsed EPR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2017, 280, 46-62.	2.1	55
11	Water accessibility in a membrane-inserting peptide comparing Overhauser DNP and pulse EPR methods. <i>Journal of Chemical Physics</i> , 2016, 144, 194201.	3.0	20
12	Transverse interference peaks in chirp FT-EPR correlated three-pulse ESEEM spectra. <i>Journal of Magnetic Resonance</i> , 2016, 272, 37-45.	2.1	12
13	Averaging of nuclear modulation artefacts in RIDME experiments. <i>Journal of Magnetic Resonance</i> , 2016, 272, 108-113.	2.1	27
14	EPR-correlated dipolar spectroscopy by Q-band chirp SIFTER. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23111-23120.	2.8	32
15	CIDME: Short distances measured with long chirp pulses. <i>Journal of Magnetic Resonance</i> , 2016, 273, 73-82.	2.1	25
16	SPIDYAN, a MATLAB library for simulating pulse EPR experiments with arbitrary waveform excitation. <i>Journal of Magnetic Resonance</i> , 2016, 263, 45-54.	2.1	14
17	Gd(III)â€“Gd(III) distance measurements with chirp pump pulses. <i>Journal of Magnetic Resonance</i> , 2015, 259, 153-162.	2.1	89
18	Coherence Transfer by Passage Pulses in Electron Paramagnetic Resonance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13570-13582.	2.6	37

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19	Sensitivity enhancement by population transfer in Gd(^{III}) spin labels. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 7334-7344.	2.8	54
20	Copper ESEEM and HYSCORE through ultra-wideband chirp EPR spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 143, 044201.	3.0	30
21	Fourier-transform electron spin resonance with bandwidth-compensated chirp pulses. <i>Journal of Magnetic Resonance</i> , 2014, 246, 18-26.	2.1	64
22	Adiabatic and fast passage ultra-wideband inversion in pulsed EPR. <i>Journal of Magnetic Resonance</i> , 2013, 230, 27-39.	2.1	118
23	Liquid state DNP for water accessibility measurements on spin-labeled membrane proteins at physiological temperatures. <i>Journal of Magnetic Resonance</i> , 2012, 222, 34-43.	2.1	38