

# Alexandra L Shchukina

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

225  
citations

1040056

9  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pitfalls in compressed sensing reconstruction and how to avoid them. <i>Journal of Biomolecular NMR</i> , 2017, 68, 79-98.	2.8	49
2	Rapid and safe ASAP acquisition with EXACT NMR. <i>Chemical Communications</i> , 2016, 52, 12769-12772.	4.1	25
3	TReNDSâ€”Software for reaction monitoring with timeâ€”resolved nonâ€”uniform sampling. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 4-12.	1.9	22
4	EXtended ACquisition Time (EXACT) NMRâ€”A Case for â€”Burstâ€” Nonâ€”Uniform Sampling. <i>ChemPhysChem</i> , 2016, 17, 2799-2803.	2.1	21
5	Looking at a blinking quantum emitter through time slots: The effect of blind times. <i>Physical Review E</i> , 2015, 92, 032102.	2.1	20
6	Enabling Fast Pseudoâ€”2D NMR Spectral Acquisition for Broadband Homonuclear Decoupling: The EXACT NMR Approach. <i>ChemPhysChem</i> , 2017, 18, 2081-2087.	2.1	16
7	Statistics of Molecular Ensemble Blinking Fluorescence. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10349-10358.	3.1	11
8	Alternative data processing techniques for serial <sup>1</sup> H NMR experiments. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2017, 46A, .	0.5	11
9	Accelerated acquisition in pure-shift spectra based on prior knowledge from <sup>1</sup> H NMR. <i>Chemical Communications</i> , 2019, 55, 9563-9566.	4.1	11
10	SCoT: Swept coherence transfer for quantitative heteronuclear 2D NMR. <i>Journal of Magnetic Resonance</i> , 2018, 294, 1-6.	2.1	9
11	Temperature as an Extra Dimension in Multidimensional Protein NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2021, 27, 1753-1767.	3.3	9
12	Blinking fluorescence of single donor-acceptor pairs: Important role of “dark” states in resonance energy transfer via singlet levels. <i>Physical Review E</i> , 2012, 85, 061907.	2.1	8
13	Nonâ€”Stationary Complementary Nonâ€”Uniform Sampling (NOSCO NUS) for Fast Acquisition of Serial 2D NMR Titration Data. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23496-23499.	13.8	4
14	Influence of the energy transfer in a single donorâ€”acceptor pair on the photon distribution functions in its fluorescence. <i>Chemical Physics Letters</i> , 2011, 510, 257-260.	2.6	3
15	Nonâ€”Stationary Complementary Nonâ€”Uniform Sampling (NOSCO NUS) for Fast Acquisition of Serial 2D NMR Titration Data. <i>Angewandte Chemie</i> , 2020, 132, 23702-23705.	2.0	2
16	Enhanced Nuclear Magnetic Resonance Spectroscopy with Isotropic Mixing as a Pseudodimension. <i>Analytical Chemistry</i> , 2022, 94, 9114-9121.	6.5	2
17	From quantum light emitted by single molecule to classical light emitted by molecular ensemble. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2010, 109, 771-777.	0.6	1
18	Accelerating quantitative <sup>13</sup> C NMR spectra using an EXtended ACquisition Time (EXACT) method. <i>Chemical Communications</i> , 0, , .	4.1	1

#	ARTICLE	IF	CITATIONS
19	Statistics for fluorescence photons of donor and acceptor molecules involved in non-radiative energy transfer (FRET). Journal of Physics: Conference Series, 2013, 478, 012006.	0.4	0
20	Adaptive Thresholding for Dark/Light States in Single Quantum Dot Blinking Fluorescence. EPJ Web of Conferences, 2015, 103, 05006.	0.3	0