Alexandra L Shchukina

List of Publications by Year
in descending order

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	Enhanced Nuclear Magnetic Resonance Spectroscopy with Isotropic Mixing as a Pseudodimension. Analytical Chemistry, 2022, 94, 9114-9121.	6.5	2
2	Temperature as an Extra Dimension in Multidimensional Protein NMR Spectroscopy. Chemistry - A European Journal, 2021, 27, 1753-1767.	3.3	9
3	Nonâ€Stationary Complementary Nonâ€Uniform Sampling (NOSCO NUS) for Fast Acquisition of Serial 2D NMR Titration Data. Angewandte Chemie, 2020, 132, 23702-23705.	2.0	2
4	Nonâ€Stationary Complementary Nonâ€Uniform Sampling (NOSCO NUS) for Fast Acquisition of Serial 2D NMR Titration Data. Angewandte Chemie - International Edition, 2020, 59, 23496-23499.	13.8	4
5	Accelerated acquisition in pure-shift spectra based on prior knowledge from ¹H NMR. Chemical Communications, 2019, 55, 9563-9566.	4.1	11
6	TReNDSâ€”Software for reaction monitoring with timeâ€resolved nonâ€uniform sampling. Magnetic Resonance in Chemistry, 2019, 57, 4-12.	1.9	22
7	SCoT: Swept coherence transfer for quantitative heteronuclear 2D NMR. Journal of Magnetic Resonance, 2018, 294, 1-6.	2.1	9
8	Enabling Fast Pseudoâ€2D NMR Spectral Acquisition for Broadband Homonuclear Decoupling: The EXACT NMR Approach. ChemPhysChem, 2017, 18, 2081-2087.	2.1	16
9	Pitfalls in compressed sensing reconstruction and how to avoid them. Journal of Biomolecular NMR, 2017, 68, 79-98.	2.8	49
10	Alternative data processing techniques for serial <scp>NMR</scp> experiments. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2017, 46A, .	0.5	11
11	Rapid and safe ASAP acquisition with EXACT NMR. Chemical Communications, 2016, 52, 12769-12772.	4.1	25
12	EXtended ACquisition Time (EXACT) NMRâ€”A Case for â€²Burstâ€² Nonâ€Uniform Sampling. ChemPhysChem, 2016, 17, 2799-2803.	2.1	21
13	Looking at a blinking quantum emitter through time slots: The effect of blind times. Physical Review E, 2015, 92, 032102.	2.1	20
14	Adaptive Thresholding for Dark/Light States in Single Quantum Dot Blinking Fluorescence. EPJ Web of Conferences, 2015, 103, 05006.	0.3	0
15	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
16	Blinking fluorescence of single donor-acceptor pairs: Important role of ``dark'' states in resonance energy transfer via singlet levels. Physical Review E, 2012, 85, 061907.	2.1	8
17	Influence of the energy transfer in a single donorâ€“acceptor pair on the photon distribution functions in its fluorescence. Chemical Physics Letters, 2011, 510, 257-260.	2.6	3
18	From quantum light emitted by single molecule to classical light emitted by molecular ensemble. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2010, 109, 771-777.	0.6	1

#	Article	IF	Citations
19	Statistics of Molecular Ensemble Blinking Fluorescence. Journal of Physical Chemistry C, 2010, 114, 10349-10358.	3.1	11
20	Accelerating quantitative ¹³C NMR spectra using an EXtended ACquisition Time (EXACT) method. Chemical Communications, 0, , .	4.1	1