Ivan I Ryzhov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3097527/publications.pdf

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22	321	1040056	839539
papers	citations	9	18
		h-index	g-index

23	23	23	176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Invariants in the paramagnetic resonance spectra of impurity-doped crystals. Physical Review B, 2022, 105, .	3.2	5
2	Photoluminescence Excitation Spectroscopy of Defectâ€Related States in MAPbI₃ Perovskite Single Crystals. Advanced Optical Materials, 2021, 9, 2001327.	7.3	13
3	Raman scattering model of the spin noise. Optics Express, 2021, 29, 4770.	3.4	5
4	High-resolution resonance spin-flip Raman spectroscopy of pairs of manganese ions in a CdTe quantum well. Physical Review B, 2020, 101, .	3.2	4
5	Spin-alignment noise in atomic vapor. Physical Review Research, 2020, 2, .	3.6	17
6	Spin noise signatures of the self-induced Larmor precession. Physical Review Research, 2020, 2, .	3.6	9
7	Giant spin-noise gain enables magnetic resonance spectroscopy of impurity crystals. Physical Review Research, 2020, 2, .	3.6	8
8	Stimulated spin noise in an activated crystal. Journal of Applied Physics, 2019, 126, .	2.5	4
9	Homogenization of Doppler broadening in spin-noise spectroscopy. Physical Review A, 2018, 97, .	2.5	9
10	Spin-noise spectroscopy of randomly moving spins in the model of light scattering: Two-beam arrangement. Physical Review A, 2018, 97, .	2.5	8
11	Spin temperature concept verified by optical magnetometry of nuclear spins. Physical Review B, 2018, 97, .	3.2	21
12	Hidden polarization of unpolarized light. Physical Review A, 2018, 98, .	2.5	6
13	Nuclear spin relaxation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi></mml:math>-GaAs: From insulating to metallic regime. Physical Review B, 2017, 95, .	3.2	20
14	Light scattering in a medium with fluctuating gyrotropy: Application to spin-noise spectroscopy. Physical Review A, 2017, 95, .	2.5	10
15	Spin noise of a polariton laser. Physical Review B, 2016, 93, .	3.2	8
16	Spin noise explores local magnetic fields in a semiconductor. Scientific Reports, 2016, 6, 21062.	3.3	38
17	Measurements of nuclear spin dynamics by spin-noise spectroscopy. Applied Physics Letters, 2015, 106, .	3.3	33
18	Spin noise amplification and giant noise in optical microcavity. Journal of Applied Physics, 2015, 117, .	2.5	8

#	Article	IF	Citations
19	Comment on â€˜Evidence of slow-light effects from rotary drag of structured beamsâ€™. New Journal of Physics, 2014, 16, 038001.	2.9	5
20	Optics of spin-noise-induced gyrotropy of an asymmetric microcavity. Physical Review B, 2014, 89, .	3.2	7
21	Spin noise spectroscopy of a single quantum well microcavity. Physical Review B, 2014, 89, .	3.2	55
22	Resources of polarimetric sensitivity in spin noise spectroscopy. Physical Review B, 2013, 88, .	3.2	23