

Artur Trifonov

List of Publications by Year in descending order

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1306789

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citing authors

#	ARTICLE	IF	CITATIONS
1	Photon Echo Polarimetry of Excitons and Biexcitons in a $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite Single Crystal. ACS Photonics, 2022, 9, 621-629.	3.2	7
2	Extending the time of coherent optical response in ensemble of singly-charged InGaAs quantum dots. Communications Physics, 2022, 5, .	2.0	3
3	Optical control of a dark exciton reservoir. Physical Review B, 2021, 104, .	1.1	3
4	Homogeneous optical anisotropy in an ensemble of InGaAs quantum dots induced by strong enhancement of the heavy-hole band Landé parameter $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mi} \rangle \text{q} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2021, 104, .	1.1	5
5	Exciton-exciton and exciton-charge carrier interaction and exciton collisional broadening in GaAs/AlGaAs quantum wells. Physical Review B, 2021, 104, .	1.1	4
6	Modeling of Exciton Exchange Interaction in GaAs/AlGaAs Quantum Wells. Semiconductors, 2020, 54, 1503-1505.	0.2	0
7	Energy Spectrum in a Shallow GaAs/AlGaAs Quantum Well Probed by Spectroscopy of Nonradiative Broadening of Exciton Resonances. Semiconductors, 2020, 54, 1514-1517.	0.2	0
8	Exciton energy oscillations induced by quantum beats. Physical Review B, 2020, 102, .	1.1	0
9	On the Suppression of Electron-Hole Exchange Interaction in a Reservoir of Nonradiative Excitons. Semiconductors, 2019, 53, 1170-1174.	0.2	3
10	High-angle optically accessible Brewster cavity exciton-polaritons. Physical Review B, 2019, 99, .	1.1	0
11	Nanosecond Spin Coherence Time of Nonradiative Excitons in GaAs/AlGaAs Quantum Wells. Physical Review Letters, 2019, 122, 147401.	2.9	13
12	Ultrafast quantum beats of anisotropic excitons in atomically thin ReS ₂ . Nature Communications, 2018, 9, 351.	5.8	49
13	Ultrafast quantum beats of linearly polarized excitons in two-dimensional ReS ₂ . , 2018, , .		0
14	Photoinduced absorption of THz radiation in semi-insulating GaAs crystal. Physics of the Solid State, 2017, 59, 1298-1301.	0.2	3
15	Inverse-phase Rabi oscillations in semiconductor microcavities. Physical Review B, 2017, 95, .	1.1	0
16	Impurity-induced modulation of terahertz waves in optically excited GaAs. AIP Advances, 2017, 7, .	0.6	5
17	Propagation of terahertz waves in thin GaAs crystal plates. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 1497-1499.	0.1	0
18	Dynamics of excitonic polaritons in semiconductor heterostructures with quantum wells. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Exciton scattering in heterostructures with (In,Ga)As/GaAs quantum wells. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 1481-1484.	0.1	1
20	Dynamics of the energy relaxation in a parabolic quantum well laser. Physical Review B, 2016, 93, .	1.1	8
21	Nontrivial relaxation dynamics of excitons in high-quality InGaAs/GaAs quantum wells. Physical Review B, 2015, 91, .	1.1	46
22	Multiple-frequency quantum beats of quantum confined exciton states. Physical Review B, 2015, 92, .	1.1	11
23	Strong coupling and stimulated emission in single parabolic quantum well microcavity for terahertz cascade. Applied Physics Letters, 2015, 107, 101101.	1.5	14
24	Effect of uniaxial stress on the interference of polaritonic waves in wide quantum wells. Physical Review B, 2014, 90, .	1.1	16