Rashid G Bikbaev

List of Publications by Year
in descending order

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22	330	840119 11	839053 18
papers	citations	h-index	g-index

23	23	23	190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical Tamm states at the interface between a photonic crystal and a nanocomposite with resonance dispersion. Journal of Experimental and Theoretical Physics, 2013, 117, 988-998.	0.2	56
2	Broadband Tamm plasmon polariton. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2299.	0.9	36
3	Hyperbolic metamaterial for the Tamm plasmon polariton application. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 2215.	0.9	33
4	Epsilon-Near-Zero Absorber by Tamm Plasmon Polariton. Photonics, 2019, 6, 28.	0.9	30
5	Optical Tamm states at the interface between a photonic crystal and a gyroid layer. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 2198.	0.9	21
6	Photosensitivity and reflectivity of the active layer in a Tamm-plasmon-polariton-based organic solar cell. Applied Optics, 2021, 60, 3338.	0.9	19
7	The optical Tamm states at the edges of a photonic crystal bounded by one or two layers of a strongly anisotropic nanocomposite. Optics Communications, 2017, 395, 275-281.	1.0	17
8	Critical coupling vortex with grating-induced high Q-factor optical Tamm states. Optics Express, 2021, 29, 4672.	1.7	14
9	Optical Tamm states at the interface between a photonic crystal and an epsilon-near-zero nanocomposite. Journal of Optics (United Kingdom), 2017, 19, 085103.	1.0	13
10	Two Types of Localized States in a Photonic Crystal Bounded by an Epsilon near Zero Nanocomposite. Photonics, 2018, 5, 22.	0.9	11
11	Chiral-Selective Tamm Plasmon Polaritons. Materials, 2021, 14, 2788.	1.3	11
12	Transparent conductive oxides for the epsilon-near-zero Tamm plasmon polaritons. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2817.	0.9	10
13	Chiral Optical Tamm States at the Interface between an All-Dielectric Polarization-Preserving Anisotropic Mirror and a Cholesteric Liquid Crystal. Crystals, 2019, 9, 502.	1.0	9
14	Nematic and Cholesteric Liquid Crystal Structures in Cells with Tangential-Conical Boundary Conditions. Crystals, 2019, 9, 249.	1.0	8
15	Hybrid Tamm and surface plasmon polaritons in resonant photonic structure. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 253, 107156.	1.1	8
16	Traveling of light through a 1D photonic crystal containing a defect layer with resonant dispersion. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 113, 517-521.	0.2	7
17	Chiral Optical Tamm States at the Interface between a Dye-Doped Cholesteric Liquid Crystal and an Anisotropic Mirror. Materials, 2020, 13, 3255.	1.3	6
18	Electrically induced transformations of defects in cholesteric layer with tangential-conical boundary conditions. Scientific Reports, 2020, 10, 4907.	1.6	6

#	Article	IF	Citations
19	Broadband Tamm Plasmons in Chirped Photonic Crystals for Light-Induced Water Splitting. Nanomaterials, 2022, 12, 928.	1.9	6
20	Model of a tunable hybrid Tamm modeâ€“liquid crystal device. Applied Optics, 2020, 59, 6347.	0.9	4
21	Metalâ€“Dielectric Polarization-Preserving Anisotropic Mirror for Chiral Optical Tamm State. Nanomaterials, 2022, 12, 234.	1.9	4
22	Strain Sensor via Wood Anomalies in 2D Dielectric Array. Nanomaterials, 2021, 11, 1022.	1.9	1