

Rashid G Bikbaev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Metalâ€“Dielectric Polarization-Preserving Anisotropic Mirror for Chiral Optical Tamm State. <i>Nanomaterials</i> , 2022, 12, 234.	1.9	4
2	Broadband Tamm Plasmons in Chirped Photonic Crystals for Light-Induced Water Splitting. <i>Nanomaterials</i> , 2022, 12, 928.	1.9	6
3	Critical coupling vortex with grating-induced high Q-factor optical Tamm states. <i>Optics Express</i> , 2021, 29, 4672.	1.7	14
4	Strain Sensor via Wood Anomalies in 2D Dielectric Array. <i>Nanomaterials</i> , 2021, 11, 1022.	1.9	1
5	Photosensitivity and reflectivity of the active layer in a Tamm-plasmon-polariton-based organic solar cell. <i>Applied Optics</i> , 2021, 60, 3338.	0.9	19
6	Chiral-Selective Tamm Plasmon Polaritons. <i>Materials</i> , 2021, 14, 2788.	1.3	11
7	Chiral Optical Tamm States at the Interface between a Dye-Doped Cholesteric Liquid Crystal and an Anisotropic Mirror. <i>Materials</i> , 2020, 13, 3255.	1.3	6
8	Hybrid Tamm and surface plasmon polaritons in resonant photonic structure. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 253, 107156.	1.1	8
9	Electrically induced transformations of defects in cholesteric layer with tangential-conical boundary conditions. <i>Scientific Reports</i> , 2020, 10, 4907.	1.6	6
10	Hyperbolic metamaterial for the Tamm plasmon polariton application. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 2215.	0.9	33
11	Model of a tunable hybrid Tamm modeâ€“liquid crystal device. <i>Applied Optics</i> , 2020, 59, 6347.	0.9	4
12	Nematic and Cholesteric Liquid Crystal Structures in Cells with Tangential-Conical Boundary Conditions. <i>Crystals</i> , 2019, 9, 249.	1.0	8
13	Epsilon-Near-Zero Absorber by Tamm Plasmon Polariton. <i>Photonics</i> , 2019, 6, 28.	0.9	30
14	Chiral Optical Tamm States at the Interface between an All-Dielectric Polarization-Preserving Anisotropic Mirror and a Cholesteric Liquid Crystal. <i>Crystals</i> , 2019, 9, 502.	1.0	9
15	Broadband Tamm plasmon polariton. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 2299.	0.9	36
16	Transparent conductive oxides for the epsilon-near-zero Tamm plasmon polaritons. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 2817.	0.9	10
17	Two Types of Localized States in a Photonic Crystal Bounded by an Epsilon near Zero Nanocomposite. <i>Photonics</i> , 2018, 5, 22.	0.9	11
18	Optical Tamm states at the interface between a photonic crystal and an epsilon-near-zero nanocomposite. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 085103.	1.0	13

#	ARTICLE	IF	CITATIONS
19	The optical Tamm states at the edges of a photonic crystal bounded by one or two layers of a strongly anisotropic nanocomposite. <i>Optics Communications</i> , 2017, 395, 275-281.	1.0	17
20	Optical Tamm states at the interface between a photonic crystal and a gyroid layer. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017, 34, 2198.	0.9	21
21	Optical Tamm states at the interface between a photonic crystal and a nanocomposite with resonance dispersion. <i>Journal of Experimental and Theoretical Physics</i> , 2013, 117, 988-998.	0.2	56
22	Traveling of light through a 1D photonic crystal containing a defect layer with resonant dispersion. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2012, 113, 517-521.	0.2	7