

# Pavel Pankin

## List of Publications by Year in descending order

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21  
papers

492  
citations

840776

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794594

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21  
docs citations

21  
times ranked

421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Narrowband Wavelength Selective Thermal Emitters by Confined Tamm Plasmon Polaritons. ACS Photonics, 2017, 4, 2212-2219.	6.6	164
2	One-dimensional photonic bound states in the continuum. Communications Physics, 2020, 3, .	5.3	60
3	Low-Threshold Bound State in the Continuum Lasers in Hybrid Lattice Resonance Metasurfaces. Laser and Photonics Reviews, 2021, 15, 2100118.	8.7	59
4	Quasiperiodic one-dimensional photonic crystals with adjustable multiple photonic bandgaps. Optics Letters, 2017, 42, 3602.	3.3	37
5	Broadband Tamm plasmon polariton. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2299.	2.1	36
6	Tunable hybrid Tamm-microcavity states. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 2633.	2.1	21
7	Quasi-Bound States in the Continuum with Temperature-Tunable Q Factors and Critical Coupling Point at Brewster's Angle. Laser and Photonics Reviews, 2021, 15, 2000290.	8.7	18
8	Chiral Optical Tamm States: Temporal Coupled-Mode Theory. Crystals, 2017, 7, 113.	2.2	14
9	Fano feature induced by a bound state in the continuum via resonant state expansion. Scientific Reports, 2020, 10, 13691.	3.3	14
10	Critical coupling vortex with grating-induced high Q-factor optical Tamm states. Optics Express, 2021, 29, 4672.	3.4	14
11	The optical Tamm states at the interface between a photonic crystal and a nanocomposite containing core-shell particles. Journal of Optics (United Kingdom), 2016, 18, 065106.	2.2	12
12	Peculiarities of spectral properties of a one-dimensional photonic crystal with an anisotropic defect layer of the nanocomposite with resonant dispersion. Quantum Electronics, 2014, 44, 881-884.	1.0	11
13	Polarization-preserving anisotropic mirror on the basis of metal-dielectric nanocomposite. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 5-9.	0.6	11
14	Experimental implementation of tunable hybrid Tamm-microcavity modes. Applied Physics Letters, 2021, 119, 161107.	3.3	7
15	Bound state in the continuum in an anisotropic photonic crystal supported by a full-wave phase plate. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 968.	2.1	6
16	Metal-Dielectric Polarization-Preserving Anisotropic Mirror for Chiral Optical Tamm State. Nanomaterials, 2022, 12, 234.	4.1	4
17	Spectral properties of one-dimensional photonic crystal with anisotropic defect layer of nanocomposite. Physics of Wave Phenomena, 2015, 23, 35-38.	1.1	1
18	Hybrid states formed by the optical Tamm and defect modes in a one-dimensional photonic crystal. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Coupled optical Tamm states at edges of a photonic crystal enclosed by a composite of core-shell nanoparticles. <i>Physics of Wave Phenomena</i> , 2017, 25, 170-174.	1.1	1
20	Tamm plasmon in a structure with the nanocomposite containing spheroidal core-shell particles. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 035103.	2.2	1
21	Specific features of the spectral properties of a photonic crystal with a nanocomposite defect with allowance for the size effects. <i>Optics and Spectroscopy (English Translation of Optika i Tj ETQq1 1 0.784314 rgBTq@verlocko10 Tf 50</i>	0.784314	10