

# Anatoly P Pushkarev

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66 papers	983 citations	16 h-index	29 g-index
68 ext. papers	1,279 ext. citations	5 avg, IF	4.37 L-index

#	Paper	IF	Citations
66	Halide-Perovskite Resonant Nanophotonics. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1800784	8.1	98
65	Single-Mode Lasing from Imprinted Halide-Perovskite Microdisks. <i>ACS Nano</i> , <b>2019</b> , 13, 4140-4147	16.7	89
64	Near-infrared electroluminescent lanthanide [Pr(III), Nd(III), Ho(III), Er(III), Tm(III), and Yb(III)] N,O-chelated complexes for organic light-emitting devices. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 16611		80
63	Tunable Hybrid Fano Resonances in Halide Perovskite Nanoparticles. <i>Nano Letters</i> , <b>2018</b> , 18, 5522-5529	11.5	63
62	Electronic structure of CsPbBrCl perovskites: synthesis, experimental characterization, and DFT simulations. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 18930-18938	3.6	38
61	A Few-Minute Synthesis of CsPbBr Nanolasers with a High Quality Factor by Spraying at Ambient Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 1040-1048	9.5	38
60	BODIPY associates in organic matrices: Spectral properties, photostability and evaluation as OLED emitters. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 187, 104-111	4.4	36
59	Cyclometallated platinum(II) complexes containing NHC ligands: synthesis, characterization, photophysics and their application as emitters in OLEDs. <i>Dalton Transactions</i> , <b>2015</b> , 44, 7152-62	4.3	32
58	Electroluminescent properties of lanthanide pentafluorophenolates. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 1532-1538	7.1	29
57	Lanthanide phenolates with heterocyclic substituents. Synthesis, structure and luminescent properties. <i>Polyhedron</i> , <b>2013</b> , 50, 112-120	2.7	29
56	8-Quinolinolate complexes of yttrium and ytterbium: molecular arrangement and fragmentation under laser impact. <i>Dalton Transactions</i> , <b>2013</b> , 42, 15699-705	4.3	25
55	Single-particle perovskite lasers: from material properties to cavity design. <i>Nanophotonics</i> , <b>2020</b> , 9, 599-610	6.9	22
54	Synthesis, structure and luminescent properties of lanthanide fluoroalkoxides. <i>Dalton Transactions</i> , <b>2016</b> , 45, 3464-72	4.3	19
53	Lanthanide complexes with substituted naphtholate ligands: extraordinary bright near-infrared luminescence of ytterbium. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 392-397	1.7	19
52	Organic electroluminescent materials and devices emitting in UV and NIR regions. <i>Russian Chemical Reviews</i> , <b>2016</b> , 85, 1338-1368	6.8	18
51	Sensitization of NIR luminescence of Yb by Zn chromophores in heterometallic complexes with a bridging Schiff-base ligand. <i>Dalton Transactions</i> , <b>2017</b> , 46, 10408-10417	4.3	16
50	Reconfigurable Perovskite LEC: Effects of Ionic Additives and Dual Function Devices. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2001715	8.1	16

49	Perovskite-Gallium Phosphide Platform for Reconfigurable Visible-Light Nanophotonic Chip. <i>ACS Nano</i> , <b>2020</b> , 14, 8126-8134	16.7	15
48	Synthesis and luminescent properties of 3-(2-benzoxazol-2-yl)- and 3-(2-benzothiazol-2-yl)-2-naphtholates of some non-transition and rare earth metals. <i>Synthetic Metals</i> , <b>2013</b> , 164, 55-59	3.6	15
47	Perovskite nanowire lasers on low-refractive-index conductive substrate for high-Q and low-threshold operation. <i>Nanophotonics</i> , <b>2020</b> , 9, 3977-3984	6.3	15
46	A rare example of a compact heteroleptic cyclometalated iridium(iii) complex demonstrating well-separated dual emission. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7578-7586	4.3	14
45	Lithium, zinc and scandium complexes of phosphorylated salicylaldehydes: synthesis, structure, thermochemical and photophysical properties, and application in OLEDs. <i>RSC Advances</i> , <b>2013</b> , 3, 24484	3.7	14
44	Luminescent properties of 2-mercaptobenzothiazolates of trivalent lanthanides. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 11000-5	3.6	13
43	Anhydrous mono- and dinuclear tris(quinolinolate) complexes of scandium: the missing structures of rare earth metal 8-quinolinolates. <i>Dalton Transactions</i> , <b>2011</b> , 40, 7713-7	4.3	13
42	Features of spectral properties of Sm(3+) complexes with dithia- and diselenophosphinate ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 163, 134-9	4.4	12
41	Substituted naphtholates of rare earth metals as emissive materials. <i>RSC Advances</i> , <b>2014</b> , 4, 35505-35510	9.7	12
40	Organic Er-Yb complexes as potential upconversion materials. <i>Journal of Luminescence</i> , <b>2017</b> , 192, 208-213	3.8	12
39	Broadband Antireflection with Halide Perovskite Metasurfaces. <i>Laser and Photonics Reviews</i> , <b>2020</b> , 14, 2000338	8.3	10
38	Direct Imprinting of Laser Field on Halide Perovskite Single Crystal for Advanced Photonic Applications. <i>Laser and Photonics Reviews</i> , <b>2021</b> , 15, 2100094	8.3	10
37	Synthesis and luminescence of some rare earth metal complexes. <i>Organic Photonics and Photovoltaics</i> , <b>2016</b> , 4,	5	10
36	Halide Perovskite Nanocrystals with Enhanced Water Stability for Upconversion Imaging in a Living Cell. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 8991-8998	6.4	10
35	Synthesis of EuS and EuSe particles via thermal decomposition of dithio- and diselenophosphinate europium complexes. <i>Nanotechnologies in Russia</i> , <b>2017</b> , 12, 66-72	0.6	9
34	Ln3I5(S2N2)(S2)(THF)10 - a new type of molecular compounds. <i>Dalton Transactions</i> , <b>2016</b> , 45, 4558-62	4.3	9
33	Syntheses, Structures, and Photophysical Properties of Eu and Lu Diketonates with a Neutral Polydentate Imidazolylmethanamine Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1734-1743	2.2	8
32	Enhanced terahertz emission from imprinted halide perovskite nanostructures. <i>Nanophotonics</i> , <b>2019</b> , 9, 187-194	6.3	7

31	Synthesis and luminescence properties of lithium, zinc and scandium 1-(2-pyridyl)naphtholates. <i>Organic Electronics</i> , <b>2012</b> , 13, 3203-3210	3.5	6
30	Acceleration of radiative recombination in quasi-2D perovskite films on hyperbolic metamaterials. <i>Applied Physics Letters</i> , <b>2021</b> , 118, 091104	3.4	6
29	Synthesis and luminescent properties of heteroleptic benzothiazolyl naphtholates of ytterbium. <i>Synthetic Metals</i> , <b>2015</b> , 203, 117-121	3.6	5
28	Photovoltaic properties of Zn, Al, La, Sm, and Yb complexes with o-iminobenzoquinone ligands. <i>Nanotechnologies in Russia</i> , <b>2015</b> , 10, 613-620	0.6	5
27	Heteroleptic 3-(2-benzothiazol-2-yl)-2-naphtholates of rare earth metals: Features of synthesis and structure. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 777, 42-49	2.3	5
26	Cyclometallated iridium(III) complex with 1-phenylisoquinoline and norbornene-substituted pyrazolonate ligands and related electroluminescent polymers. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2017</b> , 43, 491-499	1.6	5
25	Lanthanide benzoates with 2,6-di-tert-butylphenol moiety: Synthesis, luminescent and antioxidant properties. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 455, 276-282	2.7	5
24	Monophthalocyanine complexes of samarium and terbium with axial ligands: synthesis, structure and optoelectronic properties. <i>Journal of Rare Earths</i> , <b>2014</b> , 32, 1101-1108	3.7	5
23	Directional Lasing from Nanopatterned Halide Perovskite Nanowire. <i>Nano Letters</i> , <b>2021</b> , 21, 10019-10025	1.5	5
22	Photophysical properties of halide perovskite CsPb(Br <sub>1-x</sub> I <sub>x</sub> ) <sub>3</sub> thin films and nanowires. <i>Journal of Luminescence</i> , <b>2020</b> , 220, 116985	3.8	5
21	Enhanced Photoluminescence of Halide Perovskite Nanocrystals Mediated by a Higher-Order Topological Metasurface. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 9884-9890	3.8	5
20	Directly grown crystalline gallium phosphide on sapphire for nonlinear all-dielectric nanophotonics. <i>Applied Physics Letters</i> , <b>2021</b> , 118, 201101	3.4	5
19	Efficient Emission Outcoupling from Perovskite Lasers into Highly Directional and Long-Propagation-Length Bloch Surface Waves. <i>Laser and Photonics Reviews</i> , <b>2021</b> , 15, 2100728	8.3	5
18	Suppression of Electric Field-Induced Segregation in Sky-Blue Perovskite Light-Emitting Electrochemical Cells. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	4
17	Tuning the Ultrafast Response of Fano Resonances in Halide Perovskite Nanoparticles. <i>ACS Nano</i> , <b>2020</b> , 14, 13602-13610	16.7	4
16	Single-Step Microfluidic Synthesis of Halide Perovskite Nanolasers in Suspension. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 2777-2784	9.6	4
15	Photoinduced Migration of Ions in Optically Resonant Perovskite Nanoparticles. <i>JETP Letters</i> , <b>2018</b> , 107, 742-748	1.2	4
14	Complexes of lanthanides with aryloxide ligands: Synthesis, structures, and luminescence properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2013</b> , 39, 667-679	1.6	3

13	Lanthanide complexes with the Schiff base containing sterically hindered phenol: Synthesis, structure, and luminescence properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2017</b> , 43, 852-857	1.6	3
12	Synthesis, quantum chemical calculations, and luminescent properties of scandium, europium, gadolinium, and terbium 1-(2-pyridyl)naphtholate complexes. <i>High Energy Chemistry</i> , <b>2012</b> , 46, 323-330	0.9	3
11	Structural and luminescent properties of homo- and heterometallic complexes of La, Li and Na with 2-(2-benzoxazol-2-yl)phenolate ligands. <i>Journal of Luminescence</i> , <b>2018</b> , 203, 286-291	3.8	3
10	Modifying light-matter interactions with perovskite nanocrystals inside antiresonant photonic crystal fiber. <i>Photonics Research</i> , <b>2021</b> , 9, 1462	6	3
9	A Hybrid CuI/Fullerene Heterojunction in Transparent Flexible Photovoltaic Cells. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2015</b> , 23, 721-724	1.8	2
8	Specifics of luminescence of (benzoxazolyl)phenolate and (benzothiazolyl)naphtholate heterometallic Zn, Sc, Nd, Sm, Er, and Yb complexes. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1739-1742	1.7	2
7	Recrystallization of CsPbBr Nanoparticles in Fluoropolymer Nonwoven Mats for Down- and Up-Conversion of Light. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
6	Single-Walled Carbon Nanotube Thin Film for Flexible and Highly Responsive Perovskite Photodetector. <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2109834	15.6	2
5	Electroluminescence of lanthanide perfluorophenoxides. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 2190-2191	1.7	1
4	Excitonic versus Free-Carrier Contributions to the Nonlinearly Excited Photoluminescence in CsPbBr <sub>3</sub> Perovskites. <i>ACS Photonics</i> , <b>2022</b> , 9, 179-189	6.3	1
3	Semiconductor resonant all-optical temperature sensor and thermal release trigger of encapsulated anti-cancer drugs for in vitro studies. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1410, 012077	0.3	
2	Reconfigurable Perovskite LEC: Effects of Ionic Additives and Dual Function Devices (Advanced Optical Materials 3/2021). <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2170010	8.1	
1	Encapsulation of Recrystallized Inorganic Perovskite Quantum Dots in Nonwoven Fluoropolymer Fibers. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2086, 012131	0.3	