

# Alexandr Kazak

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

363  
citations

687363

13  
h-index

839539

18  
g-index

38  
all docs

38  
docs citations

38  
times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mix-substituted phthalocyanines of a "push-pull"-type and their metal complexes as prospective nanostructured materials for optoelectronics. <i>Opto-electronics Review</i> , 2017, 25, 127-136.	2.4	27
2	Dielectric properties of liquid crystalline composites doped with nano-dimensional fragments of shungite carbon. <i>Liquid Crystals</i> , 2019, 46, 1345-1352.	2.2	24
3	Synthesis and spectral properties of preorganized BODIPYs in solutions and Langmuir-Schaefer films. <i>Applied Surface Science</i> , 2017, 424, 228-238.	6.1	23
4	Temperature and Mixing Ratio Effects in the Formation of CdSe/CdS/ZnS Quantum Dots with 4 <sup>n</sup> -n-octyl-4-p-Cyanobiphenyl Thin Films. <i>BioNanoScience</i> , 2017, 7, 666-671.	3.5	22
5	Rheological characteristics of different carbon nanoparticles in cholesteric mesogen dispersions as lubricant coolant additives. <i>Journal of Friction and Wear</i> , 2015, 36, 380-385.	0.5	21
6	Self-Organization of Azo Dye KD-2 in Floating Layers and Langmuir "Schaefer Films. <i>Zhidkie Kristally i ikh Prakticheskoe Ispol'zovanie</i> , 2018, 18, 74-81.	0.1	21
7	Influence of <i>Meso</i> -Substituted Porphyrins Molecular Structure on Their Self-Organization in Floating Layers. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 541, 28/[266]-34/[272].	0.9	20
8	Structure and physicochemical properties of thin film photoconductor cells based on porphine derivatives. <i>Crystallography Reports</i> , 2016, 61, 493-498.	0.6	19
9	Optical Properties and Supramolecular Organization of Mix-Substituted Phthalocyanine Holmium Complex in Langmuir-Schaefer Films. <i>Macrocyclics</i> , 2015, 8, 284-289.	0.5	19
10	Conductivity and dielectric properties of cholesteryl tridecylate with nanosized fragments of fluorinated graphene. <i>Journal of Molecular Liquids</i> , 2019, 291, 111259.	4.9	17
11	Influence of <i>meso</i> -Substituted Tetraphenylporphyrin Derivatives Structure on Their Supramolecular Organization in Floating Layers and Langmuir "Blodgett Films. <i>Langmuir</i> , 2012, 28, 16951-16957.	3.5	16
12	Influence of molecular structure peculiarities of phthalocyanine derivatives on their supramolecular organization and properties in the bulk and thin films. <i>Phase Transitions</i> , 2014, 87, 801-813.	1.3	16
13	The influence of alkylation on the photophysical properties of BODIPYs and their labeling in blood plasma proteins. <i>Journal of Molecular Liquids</i> , 2020, 304, 112717.	4.9	16
14	Self-organization of octa-phenyl-2,3-naphthalocyaninato zinc floating layers. <i>New Journal of Chemistry</i> , 2020, 44, 3833-3837.	2.8	14
15	Floating layer structure of mesogenic phthalocyanine of A3B-type. <i>Mendeleev Communications</i> , 2020, 30, 52-54.	1.6	11
16	Oxophosphoryl Complexes of Dipyrrin: Spectral and Aggregation Characteristics of Solutions and Thin Films. <i>Crystallography Reports</i> , 2019, 64, 644-648.	0.6	10
17	Floating layers and thin films of mesogenic mix-substituted phthalocyanine holmium complex. <i>Thin Solid Films</i> , 2020, 704, 137952.	1.8	10
18	Ultrathin Langmuir "Schaefer films of slipped-cofacial J-type phthalocyanine dimer: Supramolecular organization, UV/Vis/NIR study and nonlinear absorbance of femtosecond laser radiation. <i>Applied Surface Science</i> , 2021, 545, 148993.	6.1	10

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19	Influence of Meso-Substituted Porphyrins Molecular Structure on Their Mesogeneity. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 525, 184-193.	0.9	9
20	Supramolecular organization and optical properties of BODIPY derivatives in Langmuir-Schaefer films. <i>New Journal of Chemistry</i> , 2020, 44, 19046-19053.	2.8	8
21	Studying of Surfactant Excess Separation from Non-aqueous Quantum Dots Solution on its Monolayer Formation Process. <i>BioNanoScience</i> , 2018, 8, 1081-1086.	3.5	7
22	Optical, Mesomorphic and Photoelectric Properties of the Mix-substituted Phthalocyanine Ligands and their Metal Complexes of the A3B Type. <i>Zhidkie Kristally I Ikh Prakticheskoe Ispol'zovanie</i> , 2015, 15, 56-71.	0.1	6
23	Electronic properties of A2B6 quantum dots incorporated into Langmuir-Blodgett films. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2017, 81, 1472-1475.	0.6	3
24	Effect of Subphase Conditions on the Formation of Graphene Langmuir layers. <i>Journal of Physics: Conference Series</i> , 2018, 1135, 012029.	0.4	3
25	Interaction of N,N'-Di(4-chlorophenyl)diimide 1,1'-Binaphthyl-4,4',5,5',8,8'-hexacarboxylic Acid with Thiourea Dioxide in Solution and Thin Film. <i>Crystallography Reports</i> , 2020, 65, 779-785.	0.6	3
26	Self-Organization of Asymmetrical Phthalocyanine Derivative of A3B-Type in Floating Layers and Langmuir - Schaefer Films. <i>Zhidkie Kristally I Ikh Prakticheskoe Ispol'zovanie</i> , 2019, 19, 88-96.	0.1	3
27	Supramolecular effects as driving force of dipyrin based functional materials engineering. <i>Journal of Physics: Conference Series</i> , 2018, 951, 012017.	0.4	2
28	Complex approach to the tribotechnical processing of elements for automobile and tractor engines. <i>Journal of Friction and Wear</i> , 2016, 37, 155-159.	0.5	1
29	Thin-film materials based on phthalocyanine derivatives: structure and physico-chemical properties. <i>ITM Web of Conferences</i> , 2019, 30, 08006.	0.5	1
30	Influence of 2,3-naphthalocyanines structure on their supramolecular organization in floating layers. <i>Journal of Physics: Conference Series</i> , 2020, 1560, 012034.	0.4	1
31	Influence of meso-substituted porphyrins derivatives molecular structure on their liquid-crystal properties and supramolecular organization in floating layers. , 2010, , .		0
32	Influence of Hexacatenar Structure on Supramolecular Organization in CT-Complexes With TNF and ( $\hat{a}$ )-TAPA. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 553, 72-80.	0.9	0
33	Supramolecular organization of meso-substituted derivatives of tetraphenylporphine in thin films. <i>Journal of Surface Investigation</i> , 2013, 7, 347-350.	0.5	0
34	Modeling of interaction of chiral mesogen with carbon nanotube. , 2014, , .		0
35	Optical properties of Langmuir-Blodgett films of tetraphenylporphin derivatives and mix-substituted phthalocyanine derivatives. , 2014, , .		0
36	Features of nonlinear optical properties of thin-film phthalocyanine coatings obtained by femtosecond hardware-software Z-scan measurement complex. <i>Journal of Physics: Conference Series</i> , 2019, 1309, 012021.	0.4	0

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37	BAM and GID structural investigation of 1,4,8,11,15,18-hexahexyloxy-22,23,24,25-tetrachlorophthalocyanine floating layers. Journal of Physics: Conference Series, 2019, 1309, 012023.	0.4	0
38	Intermolecular interactions of layers octa-phenyl-2,3-naphthalocyaninato zinc. Journal of Physics: Conference Series, 2021, 2056, 012014.	0.4	0