

# Yuriy Gerasymchuk

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

423  
citations

758635

12  
h-index

794141

19  
g-index

39  
all docs

39  
docs citations

39  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser induced white lighting of graphene foam. <i>Scientific Reports</i> , 2017, 7, 41281.	1.6	70
2	The size effect on the energy transfer in Bi <sup>3+</sup> –Eu <sup>3+</sup> co-doped GdVO <sub>4</sub> nanocrystals. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3014-3023.	2.7	39
3	Synthesis and spectral properties of Zr(IV) and Hf(IV) phthalocyanines with $\beta^2$ -diketonates as axial ligands. <i>Inorganica Chimica Acta</i> , 2008, 361, 2569-2581.	1.2	30
4	Patterns of Oral Microbiota in Patients with Apical Periodontitis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2707.	1.0	26
5	New photosensitive nanometric graphite oxide composites as antimicrobial material with prolonged action. <i>Journal of Inorganic Biochemistry</i> , 2016, 159, 142-148.	1.5	25
6	Optical properties of Eu <sup>3+</sup> -doped CaAl <sub>4</sub> O <sub>7</sub> synthesized by the Pechini method. <i>Optical Materials</i> , 2010, 32, 1117-1122.	1.7	22
7	Spectroscopic characterization of zirconium(IV) and hafnium(IV) gallate phthalocyanines in monolithic silica gels obtained by sol-gel method. <i>Optical Materials</i> , 2005, 27, 1484-1494.	1.7	20
8	Synthesis and spectral properties of axially substituted zirconium(IV) and hafnium(IV) water soluble phthalocyanines in solutions. <i>Journal of Alloys and Compounds</i> , 2004, 380, 186-190.	2.8	16
9	Axially substituted ytterbium(III) monophthalocyanine—Synthesis and their spectral properties in solid state, solution and in monolithic silica blocks. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 214, 128-134.	2.0	15
10	Palladium Nanoparticles Supported on Graphene Oxide as Catalysts for the Synthesis of Diarylketones. <i>Catalysts</i> , 2019, 9, 319.	1.6	15
11	<p></p>Consequences Of Long-Term Bacteria™s Exposure To Silver Nanoformulations With Different PhysicoChemical Properties</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 199-213.	3.3	14
12	Correlation between computer models of structure of 5-sulfosalicylato Zr(IV) phthalocyanine with results obtained by NMR, ESI-MS and UV-Vis spectra. <i>Optical Materials</i> , 2010, 32, 1193-1201.	1.7	12
13	Photophysical and theoretical studies of structure and spectroscopic behaviour of axially substituted Yb(III) mono-phthalocyanines in different media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 309, 65-71.	2.0	11
14	Molecular structure of phthalocyaninato lanthanide LnPc(OAc) complexes derived from the FTIR and FT Raman studies. <i>Structural Chemistry</i> , 2010, 21, 461-467.	1.0	10
15	Luminescent Sr <sub>2</sub> CeO <sub>4</sub> nanocrystals for applications in organic solar cells with conjugated polymers. <i>Journal of Luminescence</i> , 2016, 169, 857-861.	1.5	10
16	Ferromagnetic-like behavior of Bi <sub>0.9</sub> La <sub>0.1</sub> FeO <sub>3</sub> –KBr nanocomposites. <i>Scientific Reports</i> , 2019, 9, 10417.	1.6	10
17	Spectroscopy of new Sm(III) orange emitting phosphors of the type Na[Sm(SP) <sub>4</sub> ], Na[Sm(WO) <sub>4</sub> ] (where SP = AC <sub>6</sub> H <sub>5</sub> S(O) <sub>2</sub> NP(O)(OCH <sub>3</sub> ) <sub>2</sub> ; WO = AC <sub>3</sub> C(O)NP(O)(OCH <sub>3</sub> ) <sub>2</sub> ) and the polymeric materials obtained on their base. <i>Optical Materials</i> , 2017, 63, 32-41.	1.7	8
18	DFT study of electron absorption and emission spectra of pyramidal LnPc(OAc) complexes of some lanthanide ions in the solid state. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 202-208.	2.0	8

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19	Spectroscopic behaviour of Na[Sm(SP) <sub>4</sub> ] (where SP = C <sub>6</sub> H <sub>5</sub> S(O)N <sub>2</sub> P(O)(OCH <sub>3</sub> ) <sub>2</sub> -) and its polymeric material-new orange emitting phosphors. <i>Journal of Luminescence</i> , 2018, 193, 90-97.	1.5	8
20	Modification of insulin amyloid aggregation by Zr phthalocyanines functionalized with dehydroacetic acid derivatives. <i>PLoS ONE</i> , 2021, 16, e0243904.	1.1	8
21	Photophysical properties and ab initio HF and DFT calculations of the structure and spectroscopy of axially chloro substituted Yb(III) mono-phthalocyanines in different systems. <i>Journal of Luminescence</i> , 2018, 193, 84-89.	1.5	7
22	Light-Activated Zirconium(IV) Phthalocyanine Derivatives Linked to Graphite Oxide Flakes and Discussion on Their Antibacterial Activity. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4447.	1.3	6
23	Synthesis, Spectroscopic Characterization and Photoactivity of Zr(IV) Phthalocyanines Functionalized with Aminobenzoic Acids and Their GO-Based Composites. <i>Journal of Carbon Research</i> , 2020, 6, 1.	1.4	6
24	Solvothermally-derived nanoglass as a highly bioactive material. <i>Nanoscale</i> , 2022, 14, 5514-5528.	2.8	6
25	Gallato Zirconium (IV) Phthalocyanine Complex Conjugated with SiO <sub>2</sub> Nanocarrier as a Photoactive Drug for Photodynamic Therapy of Atheromatic Plaque. <i>Molecules</i> , 2021, 26, 260.	1.7	4
26	Composites based on graphite oxide and zirconium phthalocyanines with aromatic amino acids as photoactive materials. <i>Chemical Papers</i> , 2021, 75, 5421-5433.	1.0	4
27	Liquid "Syngas"-Based on Supercritical Water and Graphite Oxide/TiO <sub>2</sub> Composite as Catalyst for CO <sub>2</sub> to Organic Conversion. <i>Catalysis Letters</i> , 2022, 152, 2840-2851.	1.4	3
28	Molecular structure and vibrational properties of pyramidal MPc <sup>+</sup> phthalocyanine cation in InPcI and LuPc(OAc) complexes. <i>Journal of Molecular Structure</i> , 2017, 1130, 699-710.	1.8	2
29	Comparison of ab initio HF and DFT calculations of the structure and spectroscopy of two dimeric systems of chloro Yb(III) mono-phthalocyanine in polymeric lattice. <i>Optical Materials</i> , 2020, 108, 110153.	1.7	2
30	The Impact of Graphite Oxide Nanocomposites on the Antibacterial Activity of Serum. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7386.	1.8	2
31	The Influence of Excitation Density on Laser Induced White Lighting of Wide-Band-Gap Semiconductor ZnSe:Yb Polycrystallite Ceramics. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 016020.	0.9	1
32	Perspectives of using photodynamic therapy as antimicrobial therapy in endodontics. <i>Reviews in Medical Microbiology</i> , 2021, Publish Ahead of Print, .	0.4	1
33	Composite based on graphite oxide, metallic silver and zirconium phthalocyanine coordinated by out-of-plane arginate ligands as photoactive antibacterial additive to endodontic cement. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113432.	2.0	1
34	Luminescent sol-gel-derived micro and nanoparticles. , 2018, , .		1
35	Graphene for white lighting. , 2016, , .		0
36	OUT-OF-PLANE COORDINATED ZIRCONIUM(IV) AND HAFNIUM(IV) PHTHALOCYANINATES. <i>Ukrainian Chemistry Journal</i> , 2021, 87, 82-98.	0.1	0

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37	Incorporation of Axially Substituted Monophthalocyanines of Zirconium, Hafnium and Selected Lanthanides in Monolithic Silica Blocks and Their Optical Properties. NATO Science for Peace and Security Series B: Physics and Biophysics, 2011, , 403-403.	0.2	0
38	Novel CaOâ€“SiO2â€“P2O5 Nanobioglass Activated with Hafnium Phthalocyanine. Nanomaterials, 2022, 12, 1719.	1.9	0