Yuriy Gerasymchuk

List of Publications by Year
in descending order

38	423	759233 12	794594 19
papers	citations	h-index	g-index

39	39	39	532
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid â€œSyngasâ€•Based on Supercritical Water and Graphite Oxide/TiO2 Composite as Catalyst for CO2 to Organic Conversion. Catalysis Letters, 2022, 152, 2840-2851.	2.6	3
2	Solvothermally-derived nanoglass as a highly bioactive material. Nanoscale, 2022, 14, 5514-5528.	5.6	6
3	Novel CaOâ€“SiO2â€“P2O5 Nanobioglass Activated with Hafnium Phthalocyanine. Nanomaterials, 2022, 12, 1719.	4.1	0
4	Gallato Zirconium (IV) Phtalocyanine Complex Conjugated with SiO2 Nanocarrier as a Photoactive Drug for Photodynamic Therapy of Atheromatic Plaque. Molecules, 2021, 26, 260.	3.8	4
5	Modification of insulin amyloid aggregation by Zr phthalocyanines functionalized with dehydroacetic acid derivatives. PLoS ONE, 2021, 16, e0243904.	2.5	8
6	Perspectives of using photodynamic therapy as antimicrobial therapy in endodontics. Reviews in Medical Microbiology, 2021, Publish Ahead of Print, .	0.9	1
7	Composites based on graphite oxide and zirconium phthalocyanines with aromatic amino acids as photoactive materials. Chemical Papers, 2021, 75, 5421-5433.	2.2	4
8	Patterns of Oral Microbiota in Patients with Apical Periodontitis. Journal of Clinical Medicine, 2021, 10, 2707.	2.4	26
9	The Impact of Graphite Oxide Nanocomposites on the Antibacterial Activity of Serum. International Journal of Molecular Sciences, 2021, 22, 7386.	4.1	2
10	Composite based on graphite oxide, metallic silver and zirconium phthalocyanine coordinated by out-of-plane argininate ligands as photoactive antibacterial additive to endodontic cement. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113432.	3.9	1
11	OUT-OF-PLANE COORDINATED ZIRCONIUM(IV) AND HAFNIUM(IV) PHTHALOCYANINATES. Ukrainian Chemistry Journal, 2021, 87, 82-98.	0.5	0
12	The Influence of Excitation Density on Laser Induced White Lighting of Wide-Band-Gap Semiconductor ZnSe:Yb Polycrystallite Ceramics. ECS Journal of Solid State Science and Technology, 2020, 9, 016020.	1.8	1
13	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. Optical Materials, 2020, 108, 110153.	3.6	2
14	Consequences Of Long-Term Bacteriaâ€™s Exposure To Silver Nanoformulations With Different PhysicoChemical Properties . International Journal of Nanomedicine, 2020, Volume 15, 199-213.	6.7	14
15	Synthesis, Spectroscopic Characterization and Photoactivity of Zr(IV) Phthalocyanines Functionalized with Aminobenzoic Acids and Their GO-Based Composites. Journal of Carbon Research, 2020, 6, 1.	2.7	6
16	Ferromagnetic-like behavior of Bi0.9La0.1FeO3â€“KBr nanocomposites. Scientific Reports, 2019, 9, 10417.	3.3	10
17	Light-Activated Zirconium(IV) Phthalocyanine Derivatives Linked to Graphite Oxide Flakes and Discussion on Their Antibacterial Activity. Applied Sciences (Switzerland), 2019, 9, 4447.	2.5	6
18	Palladium Nanoparticles Supported on Graphene Oxide as Catalysts for the Synthesis of Diarylketones. Catalysts, 2019, 9, 319.	3.5	15

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19	DFT study of electron absorption and emission spectra of pyramidal LnPc(OAc) complexes of some lanthanide ions in the solid state. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 202-208.	3.9	8
20	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. Journal of Luminescence, 2018, 193, 84-89.	3.1	7
21	Spectroscopic behaviour of Na[Sm(SP)4] (where SP = C6H5S(O)2NP(O)(OCH3)2-) and its polymeric material-new orange emitting phosphors. Journal of Luminescence, 2018, 193, 90-97.	3.1	8
22	Luminescent solâ€“gel-derived micro and nanoparticles. , 2018, , .		1
23	Laser induced white lighting of graphene foam. Scientific Reports, 2017, 7, 41281.	3.3	70
24	The size effect on the energy transfer in Bi3+â€“Eu3+ co-doped GdVO4 nanocrystals. Journal of Materials Chemistry C, 2017, 5, 3014-3023.	5.5	39
25	Spectroscopy of new Sm(III) orange emitting phosphors of the type Na[Sm(SP) 4], Na[Sm(WO) 4] (where SPÂ=ÂC 6 H 5 S(O) 2 NP(O)(OCH 3) 2 â^' ; WOÂ=ÂCCl 3 C(O)NP(O)(OCH 3) 2 â^') and the polymeric materials obtained on their base. Optical Materials, 2017, 63, 32-41.	3.6	8
26	Molecular structure and vibrational properties of pyramidal MPc+ phthalocyanine cation in InPcI and LuPc(OAc) complexes. Journal of Molecular Structure, 2017, 1130, 699-710.	3.6	2
27	Graphene for white lighting. , 2016, , .		0
28	New photosensitive nanometric graphite oxide composites as antimicrobial material with prolonged action. Journal of Inorganic Biochemistry, 2016, 159, 142-148.	3.5	25
29	Luminescent Sr2CeO4 nanocrystals for applications in organic solar cells with conjugated polymers. Journal of Luminescence, 2016, 169, 857-861.	3.1	10
30	Photophysical and theoretical studies of structure and spectroscopic behaviour of axially substituted Yb(III) mono-phthalocyanines in different media. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 309, 65-71.	3.9	11
31	Incorporation of Axially Substituted Monophtalocyanines 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.	0.3	0
32	Molecular structure of phthalocyaninato lanthanide LnPc(OAc) complexes derived from the FTIR and FT Raman studies. Structural Chemistry, 2010, 21, 461-467.	2.0	10
33	Axially substituted ytterbium(III) monophthalocyanineâ€”Synthesis and their spectral properties in solid state, solution and in monolithic silica blocks. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 214, 128-134.	3.9	15
34	Optical properties of Eu3+-doped CaAl4O7 synthesized by the Pechini method. Optical Materials, 2010, 32, 1117-1122.	3.6	22
35	Correlation between computer models of structure of 5-sulfosalicylato Zr(IV) phthalocyanine with results obtained by NMR, ESI-MS and UVâ€“Vis spectra. Optical Materials, 2010, 32, 1193-1201.	3.6	12
36	Synthesis and spectral properties of Zr(IV) and Hf(IV) phthalocyanines with Î²-diketonates as axial ligands. Inorganica Chimica Acta, 2008, 361, 2569-2581.	2.4	30

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37	Spectroscopic characterization of zirconium(IV) and hafniumf(IV) gallate phthalocyanines in monolithic silica gels obtained by solâ€“gel method. Optical Materials, 2005, 27, 1484-1494.	3.6	20
38	Synthesis and spectral properties of axially substituted zirconium(IV) and hafnium(IV) water soluble phthalocyanines in solutions. Journal of Alloys and Compounds, 2004, 380, 186-190.	5.5	16