

Vlasoula Bekiari

List of Publications by Year in descending order

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81
papers

2,377
citations

218677

26
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223800

46
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82
docs citations

82
times ranked

2750
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Identification of Metalloproteomes in Marine Diatoms, an Efficient Algae Model in Toxic Metals Bioremediation. <i>Molecules</i> , 2022, 27, 378.	3.8	10
2	Two different coordination modes of the Schiff base derived from ortho-vanillin and 2-(2-aminomethyl)pyridine in a mononuclear uranyl complex. <i>Heliyon</i> , 2022, 8, e09705.	3.2	2
3	Dinuclear Lanthanide(III) Complexes from the Use of Methyl 2-Pyridyl Ketoxime: Synthetic, Structural, and Physical Studies. <i>Molecules</i> , 2021, 26, 1622.	3.8	3
4	Indium(III) in the "Periodic Table" of Di(2-pyridyl) Ketone: An Unprecedented Transformation of the Ligand and Solid-State ¹¹⁵ In NMR Spectroscopy as a Valuable Structural Tool. <i>Inorganic Chemistry</i> , 2021, 60, 4829-4840.	4.0	4
5	Application of a catalytic oxidation method for the simultaneous determination of total organic carbon and total nitrogen in marine sediments and soils. <i>PLoS ONE</i> , 2021, 16, e0252308.	2.5	7
6	Zinc(II) vs cadmium(II) in organic chelate-free chemistry: Synthesis and characterization of 1-D [Zn ₂ (N ₃) ₄ (MeCN) ₃] _n and 2-D [Cd ₃ (N ₃) ₆ (MeCN) ₂] _n coordination polymers. <i>Polyhedron</i> , 2021, 208, 115423.	2.2	1
7	Reactivity of Coordinated 2-Pyridyl Oximes: Synthesis, Structure, Spectroscopic Characterization and Theoretical Studies of Dichlorodi{(2-Pyridyl)Furoxan}Zinc(II) Obtained from the Reaction between Zinc(II) Nitrate and Pyridine-2-Chloroxime. <i>Inorganics</i> , 2020, 8, 47.	2.7	6
8	Facile Method to Prepare pH-Sensitive PEI-Functionalized Carbon Nanotubes as Rationally Designed Vehicles for Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) Delivery. <i>Journal of Carbon Research</i> , 2020, 6, 62.	2.7	3
9	Rare Nuclearities in Ni(II) Cluster Chemistry: An Unprecedented {Ni ₁₂ } Nanosized Cage from the Use of N-Naphthalidene-2-Amino-5-Chlorobenzoic Acid. <i>Inorganics</i> , 2020, 8, 32.	2.7	0
10	Polymeric Coatings Based on Water-Soluble Trimethylammonium Copolymers for Antifouling Applications. <i>Molecules</i> , 2020, 25, 1678.	3.8	12
11	Multifunctionality in Two Families of Dinuclear Lanthanide(III) Complexes with a Tridentate Schiff-Base Ligand. <i>Inorganic Chemistry</i> , 2019, 58, 9581-9585.	4.0	12
12	Tetranuclear oxido-bridged thorium(^{iv}) clusters obtained using tridentate Schiff bases. <i>Dalton Transactions</i> , 2019, 48, 15668-15678.	3.3	9
13	An Experimental Brackish Aquaponic System Using Juvenile Gilthead Sea Bream (<i>Sparus aurata</i>) and Rock Samphire (<i>Crithmum maritimum</i>). <i>Sustainability</i> , 2019, 11, 4820.	3.2	13
14	Mononuclear Lanthanide(III)-Salicylideneaniline Complexes: Synthetic, Structural, Spectroscopic, and Magnetic Studies. <i>Magnetochemistry</i> , 2018, 4, 45.	2.4	12
15	Slow magnetic relaxation and luminescence properties in lanthanide(ⁱⁱⁱ)/anil complexes. <i>Dalton Transactions</i> , 2018, 47, 11859-11872.	3.3	15
16	Dioxidouranium(IV) complexes with Schiff bases possessing an ONO donor set: Synthetic, structural and spectroscopic studies. <i>Polyhedron</i> , 2018, 152, 172-178.	2.2	7
17	Polymeric Antimicrobial Coatings Based on Quaternary Ammonium Compounds. <i>Coatings</i> , 2018, 8, 8.	2.6	36
18	Environmental characterization of a Mediterranean protected shallow brackish coastal aquatic system, Klisova Lagoon, Western Greece: a case study. <i>Journal of Coastal Conservation</i> , 2017, 21, 115-125.	1.6	3

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19	2-hydroxybenzophenone-controlled self-assembly of enneanuclear lanthanide(III) hydroxo coordination clusters with an "hourglass"-like topology. <i>Inorganic Chemistry Communication</i> , 2017, 83, 118-122.	3.9	8
20	Use of halloysite nanotubes to reduce ammonium concentration in water and wastewaters. <i>Materials Research Innovations</i> , 2017, 21, 313-319.	2.3	8
21	Structural diversity in Ni ^{II} cluster chemistry: Ni ₅ , Ni ₆ , and {NiNa ₂ } _n complexes bearing the Schiff-base ligand N-naphthalidene-2-amino-5-chlorobenzoic acid. <i>Dalton Transactions</i> , 2016, 45, 10256-10270.	3.3	15
22	Dystrophic crisis event in Papas Lagoon, Araxos Cape, Western Greece in the summer 2012. <i>Mediterranean Marine Science</i> , 2016, 17, 32.	1.6	7
23	New structural topologies in 4f-metal cluster chemistry from vertex-sharing butterfly units: {LnIII ₇ } complexes exhibiting slow magnetization relaxation and ligand-centred emissions. <i>RSC Advances</i> , 2015, 5, 92534-92538.	3.6	24
24	Release of Polymeric Biocides from Synthetic Matrices for Marine Biofouling Applications. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 4, 445-450.	0.6	10
25	Total Organic Carbon and Total Nitrogen in Sediments and Soils: A Comparison of the Wet Oxidation " Titration Method with the Combustion-infrared Method. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 4, 425-430.	0.6	52
26	Dinuclear lanthanide(ⁱⁱⁱ)/zinc(ⁱⁱ) complexes with methyl 2-pyridyl ketone oxime. <i>Dalton Transactions</i> , 2015, 44, 19791-19795.	3.3	19
27	Emissive molecular nanomagnets: introducing optical properties in triangular oximato {Mn ^{III} ₃ } SMMs from the deliberate replacement of simple carboxylate ligands with their fluorescent analogues. <i>Dalton Transactions</i> , 2014, 43, 1965-1969.	3.3	28
28	Data quality in water analysis: validation of combustion-infrared and combustion-chemiluminescence methods for the simultaneous determination of Total Organic Carbon (TOC) and Total Nitrogen (TN). <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 65-76.	3.3	25
29	Fluorescent Naphthalene Diols as Bridging Ligands in Ln ^{III} Cluster Chemistry: Synthetic, Structural, Magnetic, and Photophysical Characterization of Ln ^{III} ₈ "Christmas Stars". <i>Inorganic Chemistry</i> , 2014, 53, 5420-5422.	4.0	40
30	Tetranuclear Lanthanide(III) Complexes with a Zigzag Topology from the Use of Pyridine-2,6-dimethanol: Synthetic, Structural, Spectroscopic, Magnetic and Photoluminescence Studies. <i>Inorganic Chemistry</i> , 2014, 53, 3220-3229.	4.0	46
31	Gallium(III) complexes based on N,N'-bis(salicylidene)propane-1,3-diamine and its derivatives. <i>Polyhedron</i> , 2013, 64, 77-83.	2.2	6
32	Hexanuclear zinc(II) carboxylate complexes from the use of pyridine-2,6-dimethanol: Synthetic, structural and photoluminescence studies. <i>Polyhedron</i> , 2013, 52, 467-475.	2.2	16
33	Dinuclear Lanthanide(III) Complexes by Metal-Ion-Assisted Hydration of Di-2-pyridyl Ketone Azine. <i>Inorganic Chemistry</i> , 2013, 52, 4145-4147.	4.0	21
34	Investigation of the zinc(ii)"benzoate"2-pyridinealdoxime reaction system. <i>Dalton Transactions</i> , 2012, 41, 3797.	3.3	24
35	A New Family of Nonanuclear Lanthanide Clusters Displaying Magnetic and Optical Properties. <i>Inorganic Chemistry</i> , 2011, 50, 11276-11278.	4.0	85
36	Initial employment of pyridine-2-amidoxime in zinc(II) chemistry: Synthetic, structural and spectroscopic studies of mononuclear and dinuclear complexes. <i>Inorganica Chimica Acta</i> , 2011, 376, 470-478.	2.4	16

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37	Simultaneous coordination of a ketone by two cadmium(II) ions and conversion to its gem-diolate (α^2) form. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1057-1060.	3.9	10
38	A tetrahedron in a cube: a dodecanuclear ZnII benzoate cluster from the use of 2-pyridinealdoxime. <i>Dalton Transactions</i> , 2010, 39, 4492-4494.	3.3	19
39	Adsorption of dyes on Sahara desert sand. <i>Journal of Hazardous Materials</i> , 2009, 170, 27-34.	12.4	63
40	Photoluminescence and electroluminescence by gallium(III) complexes of N-salicylidene-o-aminophenol and its derivatives. <i>Journal of Luminescence</i> , 2009, 129, 578-583.	3.1	24
41	Initial use of 1-hydroxybenzotriazole in the chemistry of group 12 metals: An 1D zinc(II) coordination polymer and a mononuclear cadmium(II) complex containing the deprotonated ligand in a novel monodentate ligation mode. <i>Inorganic Chemistry Communication</i> , 2009, 12, 92-96.	3.9	20
42	Structure and photophysical behavior of 2,2'-bipyrimidine/lanthanide ion complexes in various environments. <i>Journal of Luminescence</i> , 2008, 128, 481-488.	3.1	29
43	Use of poly(N,N-dimethylacrylamide-co-sodium acrylate) hydrogel to extract cationic dyes and metals from water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 312, 214-218.	4.7	81
44	Effect of aggregation of dyes adsorbed on nanocrystalline titania films on the efficiency of photodegradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 191, 13-18.	3.9	18
45	Lecithin Organogels Used as Bioactive Compounds Carriers. A Microdomain Properties Investigation. <i>Langmuir</i> , 2007, 23, 4438-4447.	3.5	49
46	Hydrogen production by photocatalytic alcohol reforming employing highly efficient nanocrystalline titania films. <i>Applied Catalysis B: Environmental</i> , 2007, 77, 184-189.	20.2	189
47	Use of Ureasil gels to extract ions from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2007, 147, 184-187.	12.4	10
48	Study of the conditions affecting dye adsorption on titania films and of their effect on dye photodegradation rates. <i>Journal of Hazardous Materials</i> , 2007, 146, 514-519.	12.4	15
49	Photophysical Behavior of Terpyridine-Lanthanide Ion Complexes Incorporated in a Poly(N,N-dimethylacrylamide) Hydrogel. <i>Langmuir</i> , 2006, 22, 8602-8606.	3.5	30
50	Ureasil Gels as a Highly Efficient Adsorbent for Water Purification. <i>Chemistry of Materials</i> , 2006, 18, 4142-4146.	6.7	87
51	Intrinsic Photoluminescence from Gels Containing Amine or Amide Chemical Groups. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 372-376.	0.9	3
52	Dinuclear lanthanide(III) complexes from the use of di-2-pyridyl ketone: Preparation, structural characterization and spectroscopic studies. <i>Polyhedron</i> , 2006, 25, 2869-2879.	2.2	24
53	Dinuclear versus tetranuclear cluster formation in zinc(II) nitrate/di-2-pyridyl ketone chemistry: synthetic, structural and spectroscopic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 1627-1638.	3.9	44
54	The unusual luminescence properties of 2,2',2''-terpyridine-metal ion complexes. <i>Chemical Physics Letters</i> , 2004, 383, 59-61.	2.6	7

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55	Study of Poly(N,N-dimethylacrylamide)/CdS Nanocomposite Organic/Inorganic Gels. <i>Langmuir</i> , 2004, 20, 7972-7975.	3.5	28
56	Photoluminescence from Sol-Gel Organic/Inorganic Hybrid Gels Obtained through Carboxylic Acid Solvolysis. <i>Chemistry of Materials</i> , 2003, 15, 1855-1859.	6.7	91
57	Photophysical Studies on Terpyridine-Eu ³⁺ Complexes in Sol-Gel Nanocomposite Materials. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 887-890.	2.4	11
58	Multicolor emission from terpyridine-lanthanide ion complexes encapsulated in nanocomposite silica/poly(ethylene glycol) sol-gel matrices. <i>Journal of Luminescence</i> , 2003, 101, 135-140.	3.1	24
59	A sensitive fluorescent sensor of lanthanide ions. <i>Journal of Luminescence</i> , 2003, 104, 13-15.	3.1	31
60	Gold Colloids from Cationic Surfactant Solutions. 1. Mechanisms That Control Particle Morphology. <i>Langmuir</i> , 2002, 18, 3659-3668.	3.5	95
61	Preparation of thin Ureasil films with strong photoluminescence based on incorporated europium-thenoyltrifluoroacetone-bipyridine complexes. <i>Thin Solid Films</i> , 2002, 416, 279-283.	1.8	36
62	Studies on Hybrid Organic/Inorganic Nanocomposite Gels Using Photoluminescence Techniques. <i>Monatshefte für Chemie</i> , 2001, 132, 97-102.	1.8	2
63	Photophysical properties of a series of blue-emitting rigid-flexible polyethers in solution and in thin films. <i>Journal of Luminescence</i> , 2001, 93, 223-227.	3.1	11
64	Enhancement of weak radiative transitions of Eu ³⁺ in thin surfactant films in the presence of poly(methyl methacrylate). , 2001, , 27-29.		2
65	Studies on Hybrid Organic/Inorganic Nanocomposite Gels Using Photoluminescence Techniques. , 2001, , 97-102.		2
66	New High-Yield Luminescent Materials Obtained by Combining Terpyridine, Metal Cations (Including) Tj ETQq0 0 0 rBT /Overlock 10 Tf	21.0	25
67	Optimization of the Intensity of Luminescence Emission from Silica/Poly(ethylene oxide) and Silica/Poly(propylene oxide) Nanocomposite Gels. <i>Chemistry of Materials</i> , 2000, 12, 3095-3099.	6.7	73
68	High-Yield Luminescence from Cadmium Sulfide Nanoclusters Supported in a Poly(ethylene glycol) Oligomer. <i>Langmuir</i> , 2000, 16, 3561-3563.	3.5	18
69	Study of poly(methyl methacrylate) thin films doped with laser dyes. <i>Journal of Luminescence</i> , 1999, 81, 285-291.	3.1	47
70	Efficient luminescent materials made by incorporation of terbium(III) and 2,2-bipyridine in silica/poly(ethylene oxide) hybrid gels. <i>Chemical Physics Letters</i> , 1999, 307, 310-316.	2.6	66
71	Intensely Luminescent Materials Obtained by Combining Lanthanide Ions, 2,2-Bipyridine, and Poly(ethylene glycol) in Various Fluid or Solid Environments. <i>Chemistry of Materials</i> , 1999, 11, 3189-3195.	6.7	138
72	Time-Resolved Fluorescence Quenching Studies in Nanocomposite Materials Made of Silica and Cetyltrimethylammonium Bromide. <i>Journal of Physical Chemistry B</i> , 1999, 103, 9085-9089.	2.6	17

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73	Fluorescence Probing of Composite Organic/Inorganic Transparent Matrices. <i>Journal of Sol-Gel Science and Technology</i> , 1998, 13, 95-98.	2.4	9
74	Tunable Photoluminescence from a Material Made by the Interaction between (3-Aminopropyl)triethoxysilane and Organic Acids. <i>Chemistry of Materials</i> , 1998, 10, 3777-3779.	6.7	53
75	Characterization of Photoluminescence from a Material Made by Interaction of (3-Aminopropyl)triethoxysilane with Acetic Acid. <i>Langmuir</i> , 1998, 14, 3459-3461.	3.5	57
76	Strongly Luminescent Poly(ethylene glycol)-2,2'-bipyridine Lanthanide Ion Complexes. <i>Advanced Materials</i> , 1998, 10, 1455-1458.	21.0	153
77	Improvement of the emission properties of sol-gel silica matrices containing Eu ³⁺ in the presence of poly(ethylene glycol)-200. <i>Journal of Non-Crystalline Solids</i> , 1998, 226, 200-203.	3.1	25
78	Leaching of Organic Molecules from Composite Silica/Surfactant Films into Water. <i>Chemistry of Materials</i> , 1997, 9, 2652-2658.	6.7	8
79	A Pyrene-Loaded Film Composed of Triton X-100 and Poly(vinylmethylether). <i>Journal of Colloid and Interface Science</i> , 1996, 182, 304-305.	9.4	3
80	Photophysical Studies in AOT Films Deposited on Fused Silica Slides. <i>Journal of Colloid and Interface Science</i> , 1996, 183, 552-558.	9.4	11
81	Molecular Diffusion and Fluorescence Energy-Transfer Studies in Thin Surfactant Films. <i>Langmuir</i> , 1995, 11, 4355-4360.	3.5	14