

Vlasoula Bekiari

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79
papers

2,084
citations

25
h-index

43
g-index

82
ext. papers

2,217
ext. citations

5.2
avg, IF

4.65
L-index

#	Paper	IF	Citations
79	Hydrogen production by photocatalytic alcohol reforming employing highly efficient nanocrystalline titania films. <i>Applied Catalysis B: Environmental</i> , 2007 , 77, 184-189	21.8	164
78	Strongly Luminescent Poly(ethylene glycol)-2,2'-bipyridine Lanthanide Ion Complexes. <i>Advanced Materials</i> , 1998 , 10, 1455-1458	24	146
77	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	9.6	130
76	Gold Colloids from Cationic Surfactant Solutions. 1. Mechanisms That Control Particle Morphology. <i>Langmuir</i> , 2002 , 18, 3659-3668	4	89
75	Photoluminescence from Sol-Gel Organic/Inorganic Hybrid Gels Obtained through Carboxylic Acid Solvolysis. <i>Chemistry of Materials</i> , 2003 , 15, 1855-1859	9.6	88
74	A new family of nonanuclear lanthanide clusters displaying magnetic and optical properties. <i>Inorganic Chemistry</i> , 2011 , 50, 11276-8	5.1	79
73	Ureasil Gels as a Highly Efficient Adsorbent for Water Purification. <i>Chemistry of Materials</i> , 2006 , 18, 4142-4146	4.6	78
72	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	5.1	73
71	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	9.6	67
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	2.5	60
69	Adsorption of dyes on Sahara desert sand. <i>Journal of Hazardous Materials</i> , 2009 , 170, 27-34	12.8	53
68	Characterization of Photoluminescence from a Material Made by Interaction of (3-Aminopropyl)triethoxysilane with Acetic Acid. <i>Langmuir</i> , 1998 , 14, 3459-3461	4	53
67	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	9.6	49
66	Study of poly(methyl methacrylate) thin films doped with laser dyes. <i>Journal of Luminescence</i> , 1999 , 81, 285-291	3.8	43
65	Lecithin organogels used as bioactive compounds carriers. A microdomain properties investigation. <i>Langmuir</i> , 2007 , 23, 4438-47	4	42
64	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, 3220-9	5.1	40
63	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, 1627-38	4.4	39

62	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, 5420-2	5.1	38
61	Preparation of thin Ureasil films with strong photoluminescence based on incorporated europium phenyltrifluoroacetone bipyridine complexes. <i>Thin Solid Films</i> , 2002 , 416, 279-283	2.2	35
60	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		33
59	Photophysical behavior of terpyridine-lanthanide ion complexes incorporated in a poly(N,N-dimethylacrylamide) hydrogel. <i>Langmuir</i> , 2006 , 22, 8602-6	4	28
58	Study of poly(N,N-dimethylacrylamide)/CdS nanocomposite organic/inorganic gels. <i>Langmuir</i> , 2004 , 20, 7972-5	4	28
57	A sensitive fluorescent sensor of lanthanide ions. <i>Journal of Luminescence</i> , 2003 , 104, 13-15	3.8	28
56	Structure and photophysical behavior of 2,2'-bipyrimidine/lanthanide ion complexes in various environments. <i>Journal of Luminescence</i> , 2008 , 128, 481-488	3.8	27
55	Emissive molecular nanomagnets: introducing optical properties in triangular oximate {Mn(III) ₃ } SMMs from the deliberate replacement of simple carboxylate ligands with their fluorescent analogues. <i>Dalton Transactions</i> , 2014 , 43, 1965-9	4.3	26
54	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	3.9	25
53	Polymeric Antimicrobial Coatings Based on Quaternary Ammonium Compounds. <i>Coatings</i> , 2018 , 8, 8	2.9	24
52	Investigation of the zinc(II)-benzoate-2-pyridinealdoxime reaction system. <i>Dalton Transactions</i> , 2012 , 41, 3797-806	4.3	24
51	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	2.7	24
50	New High-Yield Luminescent Materials Obtained by Combining Terpyridine, Metal Cations (Including Lanthanides), and Poly(Ethylene Glycol). <i>Advanced Materials</i> , 2000 , 12, 1603-1605	24	23
49	Photoluminescence and electroluminescence by gallium(III) complexes of N-salicylidene-o-aminophenol and its derivatives. <i>Journal of Luminescence</i> , 2009 , 129, 578-583	3.8	22
48	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	3.8	22
47	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	3.7	20
46	Dinuclear lanthanide(III) complexes by metal-ion-assisted hydration of di-2-pyridyl ketone azine. <i>Inorganic Chemistry</i> , 2013 , 52, 4145-7	5.1	20
45	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	3.1	20

44	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 , <i>94</i> , 65-76	1.8	19
43	A tetrahedron in a cube: a dodecanuclear Zn(II) benzoate cluster from the use of 2-pyridinealdoxime. <i>Dalton Transactions</i> , 2010 , <i>39</i> , 4492-4	4.3	18
42	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 , <i>191</i> , 13-18	4.7	18
41	High-Yield Luminescence from Cadmium Sulfide Nanoclusters Supported in a Poly(ethylene glycol) Oligomer. <i>Langmuir</i> , 2000 , <i>16</i> , 3561-3563	4	17
40	Dinuclear lanthanide(III)/zinc(II) complexes with methyl 2-pyridyl ketone oxime. <i>Dalton Transactions</i> , 2015 , <i>44</i> , 19791-5	4.3	16
39	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 , <i>376</i> , 470-478	2.7	16
38	Time-Resolved Fluorescence Quenching Studies in Nanocomposite Materials Made of Silica and Cetyltrimethylammonium Bromide. <i>Journal of Physical Chemistry B</i> , 1999 , <i>103</i> , 9085-9089	3.4	16
37	Hexanuclear zinc(II) carboxylate complexes from the use of pyridine-2,6-dimethanol: Synthetic, structural and photoluminescence studies. <i>Polyhedron</i> , 2013 , <i>52</i> , 467-475	2.7	15
36	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 , <i>146</i> , 514-9	12.8	13
35	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 , <i>45</i> , 10256-70	4.3	13
34	Photophysical Studies on Terpyridine-Eu ³⁺ Complexes in Sol-Gel Nanocomposite Materials. <i>Journal of Sol-Gel Science and Technology</i> , 2003 , <i>26</i> , 887-890	2.3	10
33	Photophysical properties of a series of blue-emitting rigid-flexible polyethers in solution and in thin films. <i>Journal of Luminescence</i> , 2001 , <i>93</i> , 223-227	3.8	10
32	Slow magnetic relaxation and luminescence properties in lanthanide(III)/anil complexes. <i>Dalton Transactions</i> , 2018 , <i>47</i> , 11859-11872	4.3	10
31	Simultaneous coordination of a ketone by two cadmium(II) ions and conversion to its gem-diolate(II) form. <i>Inorganic Chemistry Communication</i> , 2011 , <i>14</i> , 1057-1060	3.1	9
30	Molecular Diffusion and Fluorescence Energy-Transfer Studies in Thin Surfactant Films. <i>Langmuir</i> , 1995 , <i>11</i> , 4355-4360	4	9
29	Photophysical Studies in AOT Films Deposited on Fused Silica Slides. <i>Journal of Colloid and Interface Science</i> , 1996 , <i>183</i> , 552-8	9.3	9
28	Release of Polymeric Biocides from Synthetic Matrices for Marine Biofouling Applications. <i>Agriculture and Agricultural Science Procedia</i> , 2015 , <i>4</i> , 445-450		8
27	Multifunctionality in Two Families of Dinuclear Lanthanide(III) Complexes with a Tridentate Schiff-Base Ligand. <i>Inorganic Chemistry</i> , 2019 , <i>58</i> , 9581-9585	5.1	8

26	Use of Ureasil gels to extract ions from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2007 , 147, 184-7	12.8	8
25	Leaching of Organic Molecules from Composite Silica/Surfactant Films into Water. <i>Chemistry of Materials</i> , 1997 , 9, 2652-2658	9.6	7
24	The unusual luminescence properties of 2,2',2''-terpyridine-metal ion complexes. <i>Chemical Physics Letters</i> , 2004 , 383, 59-61	2.5	7
23	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	3.1	6
22	Use of halloysite nanotubes to reduce ammonium concentration in water and wastewaters. <i>Materials Research Innovations</i> , 2017 , 21, 313-319	1.9	6
21	Fluorescence Probing of Composite Organic/Inorganic Transparent Matrices. <i>Journal of Sol-Gel Science and Technology</i> , 1998 , 13, 95-98	2.3	6
20	Mononuclear Lanthanide(III)-Salicylideneaniline Complexes: Synthetic, Structural, Spectroscopic, and Magnetic Studies. <i>Magnetochemistry</i> , 2018 , 4, 45	3.1	6
19	Tetranuclear oxido-bridged thorium(IV) clusters obtained using tridentate Schiff bases. <i>Dalton Transactions</i> , 2019 , 48, 15668-15678	4.3	5
18	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	3.6	5
17	Polymeric Coatings Based on Water-Soluble Trimethylammonium Copolymers for Antifouling Applications. <i>Molecules</i> , 2020 , 25,	4.8	5
16	Dioxidouranium(IV) complexes with Schiff bases possessing an ONO donor set: Synthetic, structural and spectroscopic studies. <i>Polyhedron</i> , 2018 , 152, 172-178	2.7	4
15	Gallium(III) complexes based on N,N'-bis(salicylidene)propane-1,3-diamine and its derivatives. <i>Polyhedron</i> , 2013 , 64, 77-83	2.7	4
14	Dystrophic crisis event in Papas Lagoon, Araxos Cape, Western Greece in the summer 2012. <i>Mediterranean Marine Science</i> , 2016 , 17, 32	2.7	4
13	Intrinsic photoluminescence from gels containing amine or amide chemical groups. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 372-6	1.3	3
12	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 ^{1.9}	1.9	2
11	A Pyrene-Loaded Film Composed of Triton X-100 and Poly(vinylmethylether). <i>Journal of Colloid and Interface Science</i> , 1996 , 182, 304-305	9.3	2
10	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	2.9	2
9	Indium(III) in the "Periodic Table" of Di(2-pyridyl) Ketone: An Unprecedented Transformation of the Ligand and Solid-State In NMR Spectroscopy as a Valuable Structural Tool. <i>Inorganic Chemistry</i> , 2021 , 60, 4829-4840	5.1	2

8	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	3.7	2
7	Enhancement of weak radiative transitions of Eu ³⁺ in thin surfactant films in the presence of poly(methyl methacrylate) 2001 , 27-29		2
6	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	3.3	1
5	Dinuclear Lanthanide(III) Complexes from the Use of Methyl 2-Pyridyl Ketoxime: Synthetic, Structural, and Physical Studies. <i>Molecules</i> , 2021 , 26,	4.8	1
4	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 ²⁷		0
3	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	2.9	
2	Studies on Hybrid Organic/Inorganic Nanocomposite Gels Using Photoluminescence Techniques. <i>Monatshefte für Chemie</i> , 2001 , 132, 97-102	1.4	
1	Studies on Hybrid Organic/Inorganic Nanocomposite Gels Using Photoluminescence Techniques 2001 , 97-102		