Zoe Pikramenou

List of Publications by Year
in descending order

90 papers	3,336 citations	159585 30 h-index	149698 56 g-index
94 all docs	94 docs citations	94 times ranked	4127 citing authors

#	Article	IF	Citations
1	Photoâ€•and Electrochemical Dualâ€Responsive Iridium Probe for Saccharide Detection. Chemistry - A European Journal, 2022, 28, e202103541.	3.3	8
2	An azido-bridged [FeII4] grid-like molecule showing spin crossover behaviour. Dalton Transactions, 2021, 50, 14303-14308.	3.3	5
3	Quantification by Luminescence Tracking of Red Emissive Gold Nanoparticles in Cells. Jacs Au, 2021, 1, 174-186.	7.9	13
4	Strong Coupling and Slow Relaxation of the Magnetization for an Air-Stable [Co4] Square with Both Tetrazine Radicals and Azido Bridges. Inorganic Chemistry, 2021, 60, 3651-3656.	4.0	12
5	Improved Ink-Jet-Printed CdSe Quantum Dot Light-Emitting Diodes with Minimized Hole Transport Layer Erosion. ACS Applied Electronic Materials, 2021, 3, 3005-3014.	4.3	11
6	Alginate-based microparticles coated with HPMCP/AS cellulose-derivatives enable the Ctx(Ile21)-Ha antimicrobial peptide application as a feed additive. International Journal of Biological Macromolecules, 2021, 183, 1236-1247.	7.5	21
7	Spray-deposited PbS colloidal quantum dot solid for near-infrared photodetectors. Nano Energy, 2020, 78, 105254.	16.0	35
8	Two azido-bridged [2Ã—2] cobalt(<scp>ii</scp>) grids featuring single-molecule magnet behaviour. Dalton Transactions, 2020, 49, 9218-9222.	3.3	8
9	Cost-Efficient Printing of Graphene Nanostructures on Smart Contact Lenses. ACS Applied Materials & Interfaces, 2020, 12, 10820-10828.	8.0	13
10	Up-Conversion Device Based on Quantum Dots With High-Conversion Efficiency Over 6%. IEEE Access, 2020, 8, 71041-71049.	4.2	9
11	A luminescent europium hairpin for DNA photosensing in the visible, based on trimetallic bis-intercalators. Journal of Inorganic Biochemistry, 2020, 209, 111119.	3.5	5
12	Assisted delivery of anti-tumour platinum drugs using DNA-coiling gold nanoparticles bearing lumophores and intercalators: towards a new generation of multimodal nanocarriers with enhanced action. Chemical Science, 2019, 10, 9244-9256.	7.4	17
13	Imidodiphosphonate Ligands for Enhanced Sensitization and Shielding of Visible and Near-Infrared Lanthanides. Inorganic Chemistry, 2019, 58, 13268-13275.	4.0	29
14	Converting Capsules to Sensors for Nondestructive Analysis: From Cargo-Responsive Self-Sensing to Functional Characterization. ACS Applied Materials & Interfaces, 2019, 11, 8693-8698.	8.0	7
15	Polyethylene glycol assisted facile sol-gel synthesis of lanthanum oxide nanoparticles: Structural characterizations and photoluminescence studies. Ceramics International, 2019, 45, 424-431.	4.8	20
16	Surfactantâ€Enhanced Luminescence Lifetime for Biomolecular Detection on Luminescent Gold Surfaces Decorated with Transition Metal Complexes. ChemistrySelect, 2018, 3, 3251-3257.	1.5	4
17	Iridium Nanoparticles for Multichannel Luminescence Lifetime Imaging, Mapping Localization in Live Cancer Cells. Journal of the American Chemical Society, 2018, 140, 10242-10249.	13.7	41
18	Penetration of sub-micron particles into dentinal tubules using ultrasonic cavitation. Journal of Dentistry, 2017, 56, 112-120.	4.1	4

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19	Tailoring iridium luminescence and gold nanoparticle size for imaging of microvascular blood flow. Nanomedicine, 2017, 12, 2725-2740.	3.3	12
20	Fluorescent Block Copolymer Micelles That Can Self-Report on Their Assembly and Small Molecule Encapsulation. Macromolecules, 2016, 49, 653-662.	4.8	35
21	Accessible Synthetic Probes for Staining Actin inside Platelets and Megakaryocytes by Employing Lifeact Peptide. ChemBioChem, 2015, 16, 1680-1688.	2.6	7
22	Platelet actin nodules are podosome-like structures dependent on Wiskottâ€“Aldrich syndrome protein and ARP2/3 complex. Nature Communications, 2015, 6, 7254.	12.8	86
23	Highly luminescent gold nanoparticles: effect of ruthenium distance for nanoprobes with enhanced lifetimes. Faraday Discussions, 2015, 185, 219-231.	3.2	13
24	The deposition and imaging of silica sub-micron particles in dentine. Journal of Dentistry, 2015, 43, 1242-1248.	4.1	4
25	Luminescence sensing and imaging: general discussion. Faraday Discussions, 2015, 185, 311-335.	3.2	2
26	Self-organization of photo-active nanostructures: general discussion. Faraday Discussions, 2015, 185, 529-548.	3.2	2
27	Alginate-Iron Speciation and Its Effect on In Vitro Cellular Iron Metabolism. PLoS ONE, 2015, 10, e0138240.	2.5	21
28	Other Nanoparticles: general discussion. Faraday Discussions, 2014, 175, 289-303.	3.2	0
29	Optical nanoparticles: general discussion. Faraday Discussions, 2014, 175, 215-227.	3.2	0
30	Lanthanide-coated gold nanoparticles for biomedical applications. Coordination Chemistry Reviews, 2014, 273-274, 213-225.	18.8	36
31	High coating of Ru(<scp>ii</scp>) complexes on gold nanoparticles for single particle luminescence imaging in cells. Chemical Communications, 2014, 50, 617-619.	4.1	46
32	De Novo Design of Ln(III) Coiled Coils for Imaging Applications. Journal of the American Chemical Society, 2014, 136, 1166-1169.	13.7	55
33	722: Iron chelation by biopolymers for an anti-cancer therapy; binding up the 'ferrotoxicity' in the colon. European Journal of Cancer, 2014, 50, S173.	2.8	0
34	Pulsed electrical discharge synthesis of red photoluminescence zinc oxide nanoparticles. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	4
35	Luminescent Gold Surfaces for Sensing and Imaging: Patterning of Transition Metal Probes. ACS Applied Materials & Interfaces, 2014, 6, 11598-11608.	8.0	12
36	Silica Nanoparticles for Micro-Particle Imaging Velocimetry: Fluorosurfactant Improves Nanoparticle Stability and Brightness of Immobilized Iridium(III) Complexes. Langmuir, 2013, 29, 14701-14708.	3.5	18

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37	Luminescent ruthenium(II) tris-bipyridyl complex caged in nanoscale silica for particle velocimetry studies in microchannels. Measurement Science and Technology, 2012, 23, 084004.	2.6	6
38	Evaluation of quinoline as a remote sensitiser for red and near-infrared emissive lanthanide(iii) ions in solution and the solid state. Dalton Transactions, 2012, 41, 13138.	3.3	31
39	pH-controlled delivery of luminescent europium coated nanoparticles into platelets. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1862-1867.	7.1	78
40	Controlled assembly of heterometallic lanthanide(III) macrocycles: incorporation of photoactive and highly paramagnetic metal centres within a single complex. Supramolecular Chemistry, 2012, 24, 135-142.	1.2	7
41	Electronic transport between Au surface and scanning tunnelling microscope tip via a multipodal cyclodextrin hostâ€“metalloâ€guest supramolecular system. Journal of Physical Organic Chemistry, 2012, 25, 198-206.	1.9	0
42	Peptide coated gold nanoparticles that bind lanthanide ions. Chemical Communications, 2011, 47, 6431.	4.1	20
43	Purely Heterometallic Lanthanide(III) Macrocycles through Controlled Assembly of Disulfide Bonds for Dual Color Emission. Journal of the American Chemical Society, 2011, 133, 1033-1043.	13.7	103
44	Luminescence Screening Assays for the Identification of Sensitizers for Lanthanides Based on the Controlled Formation of Ternary Lanthanide Complexes with DTPAâ€“Bisamide Ligands. Chemistry - an Asian Journal, 2010, 5, 571-580.	3.3	8
45	Intracellular synchrotron nanoimaging and DNA damage/genotoxicity screening of novel lanthanide-coated nanovectors. Nanomedicine, 2010, 5, 1547-1557.	3.3	35
46	Application of ex situ dynamic nuclear polarization in studying small molecules. Physical Chemistry Chemical Physics, 2010, 12, 5868.	2.8	26
47	Measurement of Parts per Million Level Gaseous Concentration of Hydrogen Sulfide by Ultraviolet Spectroscopy using 1,1,1,5,5,5-Hexafluoropentan-2,4-dione as a Derivative by Reaction of Cu(hfac)(1,5-Cyclooctadiene). Analytical Chemistry, 2009, 81, 3669-3675.	6.5	16
48	Photoinduced energy transfer across non-covalent bonds in the nanoscale: cyclodextrin hosts with enhanced luminescent properties for guest communication. Dalton Transactions, 2009, , 3980.	3.3	12
49	Molecular nanodevices based on functionalized cyclodextrins. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 2532-2535.	1.8	2
50	Surface-Active Mononuclear and Dinuclear Ru(II) Complexes based on Thio-substituted Terpyridines Bearing Cyclodextrin Recognition Units. Supramolecular Chemistry, 2007, 19, 115-127.	1.2	9
51	Diastereoselective formation of luminescent dinuclear lanthanide(iii) helicates with enantiomerically pure tartaric acid derived bis(Î²-diketonate) ligands. New Journal of Chemistry, 2007, 31, 1755.	2.8	51
52	Surface-Immobilized Pyridine-Functionalized Î³-Cyclodextrin:Â Alkanethiol Co-adsorption-Induced Reorientation. Langmuir, 2007, 23, 6997-7002.	3.5	15
53	Fully Fluorinated Imidodiphosphinate Shells for Visible- and NIR-Emitting Lanthanides: Hitherto Unexpected Effects of Sensitizer Fluorination on Lanthanide Emission Properties. Chemistry - A European Journal, 2007, 13, 6308-6320.	3.3	157
54	Fully Fluorinated Imidodiphosphinate Shells for Visible- and NIR-Emitting Lanthanides: Hitherto Unexpected Effects of Sensitizer Fluorination on Lanthanide Emission Properties. Chemistry - A European Journal, 2007, 13, 6286-6286.	3.3	2

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55	Functional Supramolecular Ruthenium Cyclodextrin Dyes for Nanocrystalline Solar Cells. Advanced Functional Materials, 2007, 17, 54-58.	14.9	29
56	Adsorption dynamics and interfacial properties of thiol-based cobalt terpyridine monolayers. Electrochimica Acta, 2007, 52, 6692-6699.	5.2	11
57	Luminescent nanobeads: attachment of surface reactive Eu(iii) complexes to gold nanoparticles. Chemical Communications, 2006, , 1433.	4.1	126
58	Far-red luminescent ruthenium pyridylimine complexes; building blocks for multinuclear arrays. Dalton Transactions, 2006, , 3025.	3.3	24
59	A Unidirectional Energy Transfer Cascade Process in a Ruthenium Junction Self-Assembled by Î±- and Î²-Cyclodextrins. Journal of the American Chemical Society, 2006, 128, 4520-4521.	13.7	48
60	Adsorption Dynamics and Electrochemical and Photophysical Properties of Thiolated Ruthenium 2,2â€²-Bipyridine Monolayers. Journal of Physical Chemistry B, 2006, 110, 10063-10069.	2.6	30
61	Photoactive Metallocyclodextrins: Sophisticated Supramolecular Arrays for the Construction of Light Activated Miniature Devices. ChemInform, 2005, 36, no.	0.0	0
62	Photoactive metallocyclodextrins: sophisticated supramolecular arrays for the construction of light activated miniature devices. Chemical Society Reviews, 2005, 34, 120.	38.1	105
63	Acetylenic cyclodextrins for multireceptor architectures: cups with sticky ends for the formation of extension wires and junctions. Organic and Biomolecular Chemistry, 2005, 3, 4239.	2.8	31
64	Long-Lived Near-Infrared Luminescent Lanthanide Complexes of Imidodiphosphinate â€œShellâ€•Ligands. Inorganic Chemistry, 2005, 44, 6140-6142.	4.0	82
65	Controlled assembly of luminescent racks based on heteroleptic dinuclear lanthanide complexes. Chemical Communications, 2004, , 2832-2833.	4.1	15
66	Highly Luminescent, Triple- and Quadruple-Stranded, Dinuclear Eu, Nd, and Sm(III) Lanthanide Complexes Based on Bis-Diketonate Ligands. Journal of the American Chemical Society, 2004, 126, 9413-9424.	13.7	339
67	Vectorial Control of Energy-Transfer Processes in Metallocyclodextrin Heterometallic Assemblies. Angewandte Chemie - International Edition, 2003, 42, 1830-1833.	13.8	57
68	Crown ether lanthanide complexes as building blocks for luminescent ternary complexes. Polyhedron, 2003, 22, 745-754.	2.2	26
69	Hairpin-Shaped Heterometallic Luminescent Lanthanide Complexes for DNA Intercalative Recognition. Journal of the American Chemical Society, 2003, 125, 9918-9919.	13.7	194
70	Ruthenium and Osmium Podate Cyclodextrins with Dual-function Recognition Sites for Luminescent Sensing. Supramolecular Chemistry, 2003, 15, 563-571.	1.2	16
71	Assembly of Hydrophobic Shells and Shields around Lanthanides. Chemistry - A European Journal, 2002, 8, 5761-5771.	3.3	93
72	Metallocyclodextrins as Building Blocks in Noncovalent Assemblies of Photoactive Units for the Study of Photoinduced Intercomponent Processes. Inorganic Chemistry, 2001, 40, 3912-3921.	4.0	55

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73	Metal Assembly of Cyclodextrin Recognition Sites. European Journal of Inorganic Chemistry, 2001, 2001, 189-194.	2.0	25
74	Immobilization of Ï€-Assembled Metallo-Supramolecular Arrays in Thin Films: From Crystal-Engineered Structures to Processable Materials. Angewandte Chemie - International Edition, 2001, 40, 3862-3865.	13.8	50
75	Immobilization of pi-Assembled Metallo-Supramolecular Arrays in Thin Films: From Crystal-Engineered Structures to Processable Materials We thank the Deutsche Forschungsgemeinschaft (H.K.), the Leverhulme Trust (J.M.H.), EPSRC (P.R.B), and the British-German Academic Research Collaboration Programme (British Council/DAAD) for financial support of this research, the Swansea EPSRC National Mass Spectrometry Service Centre for recording the mass spectra, and Professor H. MÃ¶hwald for valuable discussions.. Angewandte Chemie - International Edition, 2001, 40, 3862-3865.	13.8	1
76	A Luminescent One-Dimensional Copper(I) Polymer. Journal of Cluster Science, 2000, 11, 227-232.	3.3	6
77	Red and blue luminescent metallo-supramolecular coordination polymers assembled through Ï€â€“Ï€ interactionsâ€Šâ€. Dalton Transactions RSC, 2000, , 1447-1462.	2.3	200
78	An efficient synthesis of versatile terpyridine analogues for cyclometallated luminescent cyclodextrins. Tetrahedron Letters, 1999, 40, 6865-6868.	1.4	25
79	Imidodiphosphinate ligands as antenna units in luminescent lanthanide complexes. Chemical Communications, 1999, , 61-62.	4.1	69
80	Yttrium 1996. Coordination Chemistry Reviews, 1998, 172, 99-110.	18.8	7
81	Photoactive ruthenium(ii) cyclodextrins responsive to guest binding. Chemical Communications, 1998, , 1473-1474.	4.1	26
82	Yttrium 1995. Coordination Chemistry Reviews, 1997, 164, 189-201.	18.8	6
83	Chemosensing of Monocyclic and Bicyclic Aromatic Hydrocarbons by Supramolecular Active Sites. , 1997, , 159-176.		2
84	Photochromism and Thermochromism Driven by Intramolecular Proton Transfer in Dinitrobenzylpyridine Compounds. The Journal of Physical Chemistry, 1996, 100, 19315-19320.	2.9	34
85	Hyper-Rayleigh scattering investigation of nitrobenzyl pyridine model compounds for optical modulation of the hyperpolarisability. Chemical Physics Letters, 1996, 258, 485-489.	2.6	116
86	Dimensional reduction in IIâ€“VI materials: A₂Cd₃Q₄ (A = K, Q = S, Se,) Tj ETQq0 0 0 rgBT /Overlo incorporation of A₂Q in CdQ. Chemistry - A European Journal, 1996, 2, 656-666.	3.3	99
87	Luminescence from supramolecules triggered by the molecular recognition of substrates. Coordination Chemistry Reviews, 1994, 132, 181-194.	18.8	43
88	Synthesis of a cradle cyclodextrin. Tetrahedron Letters, 1993, 34, 3531-3534.	1.4	29
89	Potassium cadmium sulfide (K2Cd2S3) vs. calcium sulfide (CdS): can the properties of quantum-sized CdQ semiconductors be emulated by bulk alkali-metal ternary A/Cd/Q phases (Q = chalcogen)?. Journal of the American Chemical Society, 1993, 115, 12191-12192.	13.7	47
90	Luminescent supramolecular architectures: a cyclodextrin modified with a europium(III) crown swing. Inorganic Chemistry, 1992, 31, 532-536.	4.0	64