

Vonika Ka-Man Au

List of Publications by Year in descending order

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35
papers

2,724
citations

331259

21
h-index

377514

34
g-index

44
all docs

44
docs citations

44
times ranked

3060
citing authors

#	ARTICLE	IF	CITATIONS
1	Molybdenum phosphide coupled with highly dispersed nickel confined in porous carbon nanofibers for enhanced photocatalytic CO ₂ reduction. <i>Chemical Engineering Journal</i> , 2022, 427, 131717.	6.6	24
2	Photoresponsive Metal-Organic Frameworks: Tailorable Platforms of Photoswitches for Advanced Functions. <i>ChemNanoMat</i> , 2022, 8, .	1.5	7
3	Metal-Organic Frameworks for NO _x Adsorption and Their Applications in Separation, Sensing, Catalysis, and Biology. <i>Small</i> , 2022, 18, e2105484.	5.2	29
4	Transition Metal Complexes as Photofunctional Materials—From Photosensitization and Photochromism to Artificial Photosynthesis and Energy Applications. , 2021, , 2-37.		3
5	Dual-Functional Mesoporous Copper(II) Metal-Organic Frameworks for the Remediation of Organic Dyes. <i>Chemistry - A European Journal</i> , 2021, 27, 9174-9179.	1.7	12
6	Organic Light-Emitting Diodes Based on Luminescent Self-Assembled Materials of Copper(I). <i>Energy & Fuels</i> , 2021, 35, 18982-18999.	2.5	30
7	Recent Advances in the Use of Metal-Organic Frameworks for Dye Adsorption. <i>Frontiers in Chemistry</i> , 2020, 8, 708.	1.8	80
8	Precious-metal free photocatalytic production of an NADH analogue using cobalt diimine-dioxime catalysts under both aqueous and organic conditions. <i>Chemical Communications</i> , 2020, 56, 7491-7494.	2.2	9
9	The Important Role of Coordination Geometry on Photophysical Properties of Blue-Green Emitting Ruthenium(II) Diisocyanato Complexes Bearing 2-Benzoxazol-2-ylphenolate. <i>Inorganic Chemistry</i> , 2019, 58, 11372-11381.	1.9	6
10	Stepwise Expansion of Layered Metal-Organic Frameworks for Nonstochastic Exfoliation into Porous Nanosheets. <i>Journal of the American Chemical Society</i> , 2019, 141, 53-57.	6.6	60
11	Luminescent Bis-Cyclometalated Gold(III) Complexes with Alkynyl Ligands of Hexaphenylbenzene and Hexabenzocoronene Derivatives and Their Supramolecular Assembly. <i>Chemistry - A European Journal</i> , 2017, 23, 5772-5786.	1.7	21
12	Multi-functional bis(alkynyl)gold(III) complexes with distinct mechanochromic luminescence and electroluminescence properties. <i>Chemical Science</i> , 2017, 8, 6936-6946.	3.7	53
13	Luminescent Dinuclear Bis-Cyclometalated Gold(III) Alkynyls and Their Solvent-Dependent Morphologies through Supramolecular Self-Assembly. <i>Chemistry - A European Journal</i> , 2016, 22, 16258-16270.	1.7	28
14	Synthesis, characterization, photophysics and electrochemistry of hexanuclear silver(I) alkynyl phosphine complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 43-50.	0.8	7
15	Dual Esterase- and Steroid-Responsive Energy Transfer Modulation of Ruthenium(II) and Rhenium(I) Complex Functionalized Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2015, 21, 16448-16454.	1.7	7
16	Synthesis of alkynylgold(III) complexes with bis-cyclometalating ligand derived from ethyl 2,6-diphenylisonicotinate and their structural, electrochemical, photo- and electroluminescence studies. <i>Journal of Organometallic Chemistry</i> , 2015, 792, 109-116.	0.8	21
17	Light-Emitting Self-Assembled Materials Based on ⁸ and ¹⁰ Transition Metal Complexes. <i>Chemical Reviews</i> , 2015, 115, 7589-7728.	23.0	1,281
18	Organic Memory Devices Based on a Bis-Cyclometalated Alkynylgold(III) Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 4654-4657.	6.6	92

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19	Synthesis, characterization and spectroscopic studies of luminescent-L-valine modified alkynyl-based cyclometalated gold(III) complexes with gelation properties driven by π - π stacking, hydrogen bonding and hydrophobic-hydrophobic interactions. <i>CrystEngComm</i> , 2015, 17, 8153-8162.	1.3	20
20	Synthesis, characterization, electrochemistry, and photophysical studies of triarylamine-containing zinc(II) diimine bis-thiolate complexes. <i>Dalton Transactions</i> , 2015, 44, 18983-18992.	1.6	12
21	Synthesis, characterization, electrochemistry and photophysical studies of rhenium(I) tricarbonyl diimine complexes with carboxaldehyde alkynyl ligands. <i>Polyhedron</i> , 2015, 86, 10-16.	1.0	17
22	Synthesis, Characterization and Photophysical Studies of Luminescent Dinuclear and Trinuclear Copper(I) Alkynyl Phosphines. <i>Journal of Cluster Science</i> , 2014, 25, 287-300.	1.7	15
23	Luminescence color switching of supramolecular assemblies of discrete molecular decanuclear gold(I) sulfido complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15900-15905.	3.3	60
24	Synthesis, characterization, photophysics and electrochemistry of polynuclear copper(I) and gold(I) alkynyl phosphine complexes. <i>Polyhedron</i> , 2014, 83, 178-184.	1.0	15
25	Synthesis, Characterization, Self-Assembly, Gelation, Morphology and Computational Studies of Alkynylgold(III) Complexes of 2,6-Bis(benzimidazol-2-yl)pyridine Derivatives. <i>Chemistry - A European Journal</i> , 2014, 20, 9930-9939.	1.7	33
26	First Resonance Energy Transfer Studies of Luminescent Gold Nanoparticles Functionalized with Ruthenium(II) and Rhenium(I) Complexes: Modulation via Esterase Hydrolysis. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6644-6653.	4.0	23
27	Noncovalent Metal-Metal Interactions. , 2013, , 59-130.		22
28	Deep Red to Near-Infrared Emitting Rhenium(I) Complexes: Synthesis, Characterization, Electrochemistry, Photophysics, and Electroluminescence Studies. <i>Chemistry - A European Journal</i> , 2013, 19, 13418-13427.	1.7	74
29	Functionalized Bis-Cyclometalated Alkynylgold(III) Complexes: Synthesis, Characterization, Electrochemistry, Photophysics, Photochemistry, and Electroluminescence Studies. <i>Inorganic Chemistry</i> , 2013, 52, 12713-12725.	1.9	61
30	Luminescent Metallogels of Bis-Cyclometalated Alkynylgold(III) Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 558-567.	1.9	65
31	Luminescent Cyclometalated Alkynylgold(III) Complexes with 6-Phenyl-2,2'-Bipyridine Derivatives: Synthesis, Characterization, Electrochemistry, Photophysics, and Computational Studies. <i>Inorganic Chemistry</i> , 2012, 51, 7537-7545.	1.9	70
32	Luminescent Cyclometalated Dialkynylgold(III) Complexes of 2-Phenylpyridine-Type Derivatives with Readily Tunable Emission Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 130-142.	1.7	111
33	High-Efficiency Green Organic Light-Emitting Devices Utilizing Phosphorescent Bis-cyclometalated Alkynylgold(III) Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 14273-14278.	6.6	195
34	Luminescent Cyclometalated N-Heterocyclic Carbene-Containing Organogold(III) Complexes: Synthesis, Characterization, Electrochemistry, and Photophysical Studies. <i>Journal of the American Chemical Society</i> , 2009, 131, 9076-9085.	6.6	137
35	Electrogenerated chemiluminescence of a bis-cyclometalated alkynylgold(III) complex with irreversible oxidation using tri-n-propylamine as co-reactant. <i>Chemical Communications</i> , 2009, , 791.	2.2	23