

K S Bejoymohandas

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

485
citations

840119

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h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	AIPE-active green phosphorescent iridium(ⁱⁱⁱ) complex impregnated test strips for the vapor-phase detection of 2,4,6-trinitrotoluene (TNT). <i>Journal of Materials Chemistry C</i> , 2014, 2, 515-523.	2.7	72
2	Amending the Anisotropy Barrier and Luminescence Behavior of Heterometallic Trinuclear Linear [M ^{II} Ln ^{III} M ^{II}] (Ln ^{III} =Gd, Tb, Dy; Tj ETQqO O O rgBT /Overlock 10 Tf 50,702 Td (Chemistry - A <i>European Journal</i> , 2015, 21, 6449-6464.	1.7	59
3	Substituents engineered deep-red to near-infrared phosphorescence from tris-heteroleptic iridium(ⁱⁱⁱ) complexes for solution processable red-NIR organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10640-10658.	2.7	55
4	A Cyclometalated Ir ^{III} Complex as a Lysosome-Targeted Photodynamic Therapeutic Agent for Integrated Imaging and Therapy in Cancer Cells. <i>Chemistry - A European Journal</i> , 2018, 24, 10999-11007.	1.7	49
5	A Highly Selective Chemosensor for Cyanide Derived from a Formyl-Functionalized Phosphorescent Iridium(III) Complex. <i>Inorganic Chemistry</i> , 2016, 55, 3448-3461.	1.9	48
6	Photophysical and electroluminescence properties of bis(2,6-difluoro-2,3-bipyridinato-N,C4)iridium(picolate) complexes: effect of electron-withdrawing and electron-donating group substituents at the 4 position of the pyridyl moiety of the cyclometalated ligand. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7405-7420.	2.7	41
7	Evolution of 2,3-bipyridine class of cyclometalating ligands as efficient phosphorescent iridium(III) emitters for applications in organic light emitting diodes. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2016, 29, 29-47.	5.6	41
8	Aggregation-induced phosphorescence enhancement in deep-red and near-infrared emissive iridium(ⁱⁱⁱ) complexes for solution-processable OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4789-4800.	2.7	32
9	Mononuclear Lanthanide Complexes: Energy-Barrier Enhancement by Ligand Substitution in Field-Induced Dy ^{III} SIMs. <i>Inorganic Chemistry</i> , 2017, 56, 7985-7997.	1.9	29
10	Distinct Mechanoresponsive Luminescence, Thermochromism, Vapochromism, and Chlorine Gas Sensing by a Solid-State Organic Emitter. <i>ACS Omega</i> , 2018, 3, 5291-5300.	1.6	29
11	Ancillary ligand-assisted robust deep-red emission in iridium(ⁱⁱⁱ) complexes for solution-processable phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4143-4154.	2.7	26
12	Influence of Branched Polyester Chains on the Emission Behavior of Dipyridamole Molecule and Its Biosensing Ability. <i>ACS Omega</i> , 2018, 3, 15530-15537.	1.6	4