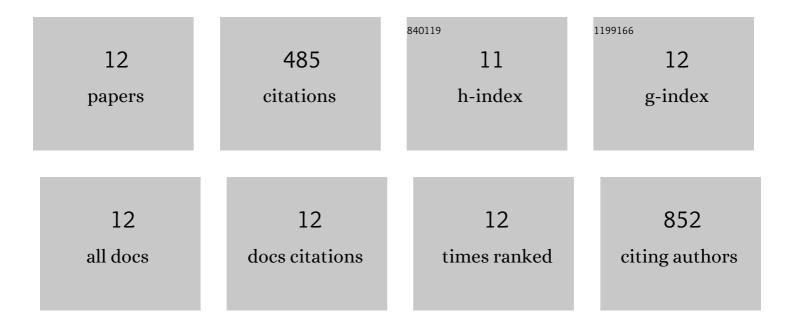
## K S Bejoymohandas

List of Publications by Year in descending order

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| #  | Article   | IF          | CITATIONS   |
|----|---|-------------|-------------|
| 1  | AIPE-active green phosphorescent iridium( <scp>iii</scp> ) complex impregnated test strips for the vapor-phase detection of 2,4,6-trinitrotoluene (TNT). Journal of Materials Chemistry C, 2014, 2, 515-523.  | 2.7         | 72          |
| 2  | Amending the Anisotropy Barrier and Luminescence Behavior of Heterometallic Trinuclear Linear<br>[M <sup>II</sup> Ln <sup>III</sup> M <sup>II</sup> ] (Ln <sup>III</sup> =Gd, Tb, Dy;) Tj ETQq0 0 0 rgBT /Overl   | ock 10 Tf ! | 50,702 Td ( |
|    | Chemistry - A European Journal, 2015, 21, 6449-6464.  |             |             |
| 3  | Substituents engineered deep-red to near-infrared phosphorescence from tris-heteroleptic<br>iridium( <scp>iii</scp> ) complexes for solution processable red-NIR organic light-emitting diodes.<br>Journal of Materials Chemistry C, 2018, 6, 10640-10658.  | 2.7         | 55          |
| 4  | A Cyclometalated Ir <sup>III</sup> Complex as a Lysosomeâ€Targeted Photodynamic Therapeutic Agent for<br>Integrated Imaging and Therapy in Cancer Cells. Chemistry - A European Journal, 2018, 24, 10999-11007.   | 1.7         | 49          |
| 5  | A Highly Selective Chemosensor for Cyanide Derived from a Formyl-Functionalized Phosphorescent<br>Iridium(III) Complex. Inorganic Chemistry, 2016, 55, 3448-3461.   | 1.9         | 48          |
| 6  | Photophysical and electroluminescence properties of bis( $2\hat{a}\in^2$ , $6\hat{a}\in^2$ -difluoro-2, $3\hat{a}\in^2$ -bipyridinato-N,C4 $\hat{a}\in^2$ )iridium(picolinate) complexes: effect of electron-withdrawing and electron-donating group substituents at the $4\hat{a}\in^2$ position of the pyridyl moiety of the cyclometalated ligand. Journal of Materials Chemistry C, 2015, 3, 7405-7420. | 2.7         | 41          |
| 7  | Evolution of 2, 3′-bipyridine class of cyclometalating ligands as efficient phosphorescent iridium(III)<br>emitters for applications in organic light emitting diodes. Journal of Photochemistry and<br>Photobiology C: Photochemistry Reviews, 2016, 29, 29-47.  | 5.6         | 41          |
| 8  | Aggregation-induced phosphorescence enhancement in deep-red and near-infrared emissive<br>iridium( <scp>iii</scp> ) complexes for solution-processable OLEDs. Journal of Materials Chemistry C,<br>2020, 8, 4789-4800.  | 2.7         | 32          |
| 9  | Mononuclear Lanthanide Complexes: Energy-Barrier Enhancement by Ligand Substitution in Field-Induced Dy <sup>III</sup> SIMs. Inorganic Chemistry, 2017, 56, 7985-7997.  | 1.9         | 29          |
| 10 | Distinct Mechanoresponsive Luminescence, Thermochromism, Vapochromism, and Chlorine Gas<br>Sensing by a Solid-State Organic Emitter. ACS Omega, 2018, 3, 5291-5300.   | 1.6         | 29          |
| 11 | Ancillary ligand-assisted robust deep-red emission in iridium( <scp>iii</scp> ) complexes for solution-processable phosphorescent OLEDs. Journal of Materials Chemistry C, 2019, 7, 4143-4154.  | 2.7         | 26          |
| 12 | Influence of Branched Polyester Chains on the Emission Behavior of Dipyridamole Molecule and Its<br>Biosensing Ability. ACS Omega, 2018, 3, 15530-15537.  | 1.6         | 4           |