

# Aravind Babu Kajjam

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

198  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Mimics of Phenyl Pyridine (ppy) – Substituted, Phosphorescent Cyclometalated Homo and Heteroleptic Iridium(III) Complexes for Organic Light Emitting Diodes – An Overview. <i>Chemical Record</i> , 2018, 18, 293-349.	5.8	47
2	Triphenylamine-based donor–acceptor organic phosphors: synthesis, characterization and theoretical study. <i>Materials Chemistry Frontiers</i> , 2017, 1, 512-520.	5.9	37
3	Triphenylamine based yellowish-orange light emitting organic dyes (donor–acceptor) for hybrid WLEDs and OLEDs: synthesis, characterization and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4490-4501.	2.8	36
4	Preferential solvation of <i>p</i> -nitroaniline in a binary mixture of chloroform and hydrogen bond acceptor solvents: the role of specific solute–solvent hydrogen bonding. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 3545-3562.	2.8	28
5	Advancing Near-Infrared Phosphorescence with Heteroleptic Iridium Complexes Bearing a Single Emitting Ligand: Properties and Organic Light-Emitting Diode Applications. <i>Chemistry of Materials</i> , 2022, 34, 574-583.	6.7	20
6	Star-Shaped Phenanthroimidazole–Triphenylamine–Based Yellow Organic Emitter for Organic Light Emitting Diodes. <i>ChemistrySelect</i> , 2017, 2, 2611-2620.	1.5	14
7	Acenaphthene-imidazole based red-to-NIR Emissive Homoleptic and Heteroleptic Ir(III) complexes for OLEDs: Combined experimental and theoretical approach. <i>Inorganica Chimica Acta</i> , 2021, 519, 120268.	2.4	6
8	Carbazole–acenaphthene (donor–acceptor)-based luminophores for picric acid detection: a combined experimental and theoretical study. <i>Materials Advances</i> , 2021, 2, 5236-5247.	5.4	5
9	Acenaphthene-triphenylamine (acceptor–donor) based luminophores for organic light emitting diodes: combined experimental and theoretical study. <i>Materials Advances</i> , 2022, 3, 399-408.	5.4	3