

# Vellaichamy Joseph

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Triarylamine-Functionalized Imidazolyl-Capped Bithiophene Hole Transporting Material for Cost-Effective Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 22053-22060.	4.0	8
2	Isomeric Carbazole-Based Hole-Transporting Materials: Role of the Linkage Position on the Photovoltaic Performance of Perovskite Solar Cells. <i>Chemistry of Materials</i> , 2021, 33, 3286-3296.	3.2	25
3	Stable Perovskite Solar Cells Using Molecularly Engineered Functionalized Oligothiophenes as Low-Cost Hole-Transporting Materials. <i>Small</i> , 2021, 17, e2100783.	5.2	19
4	Quinoidal thioalkyl-substituted bithiophene small molecule semiconductors for n-type organic field effect transistors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15450-15458.	2.7	12
5	Asymmetrically 2,7-difunctionalized carbazole-based donor-acceptor hybrids for deep blue electroluminescence applications. <i>Optical Materials</i> , 2020, 108, 110159.	1.7	5
6	Polarity tuning of fluorene derivatives by chromophores to achieve efficient blue electroluminescent materials. <i>Organic Electronics</i> , 2019, 64, 266-273.	1.4	17
7	Simple carbazole based deep-blue emitters: The effect of spacer, linkage and end-capping cyano group on the photophysical and electroluminescent properties. <i>Dyes and Pigments</i> , 2018, 151, 310-320.	2.0	11
8	Highly efficient deep-blue organic light emitting diode with a carbazole based fluorescent emitter. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 04FL08.	0.8	15
9	Vinyl-Linked Cyanocarbazole-Based Emitters: Effect of Conjugation and Terminal Chromophores on the Photophysical and Electroluminescent Properties. <i>ACS Omega</i> , 2018, 3, 16477-16488.	1.6	12
10	Enabling a 6.5% External Quantum Efficiency Deep-Blue Organic Light-Emitting Diode with a Solution-Processable Carbazole-Based Emitter. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24295-24303.	1.5	23
11	Cyano-functionalized carbazole substituted pyrene derivatives for promising organic light-emitting diodes. <i>Dyes and Pigments</i> , 2018, 158, 295-305.	2.0	14
12	Tetra-substituted Dipolar Carbazoles: Tuning Optical and Electroluminescence Properties by Linkage Variation. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1654-1666.	1.3	9
13	Manipulation of Donor-Acceptor Interactions in Carbazole-Based Emitters by Chromophore Choice To Achieve Near-UV Emission. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6660-6670.	1.2	18