

# Vellaichamy Joseph

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2607384/publications.pdf>

Version: 2024-02-01

13  
papers

188  
citations

932766

10  
h-index

1125271

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

238  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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        |
| 2  | 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        |
| 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  | 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        |
| 5  | Polarity tuning of fluorene derivatives by chromophores to achieve efficient blue electroluminescent materials. <i>Organic Electronics</i> , 2019, 64, 266-273.   | 1.4 | 17        |
| 6  | 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        |
| 7  | Cyano-functionalized carbazole substituted pyrene derivatives for promising organic light-emitting diodes. <i>Dyes and Pigments</i> , 2018, 158, 295-305.   | 2.0 | 14        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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         |
| 12 | 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         |
| 13 | Asymmetrically 2,7-difunctionalized carbazole-based donor-acceptor hybrids for deep blue electroluminescence applications. <i>Optical Materials</i> , 2020, 108, 110159.                                    | 1.7 | 5         |