

Ho Jin Jang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

563
citations

623734

14
h-index

677142

22
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all docs

23
docs citations

23
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in the development of the display performance of AR, VR, QLED and OLED devices in recent years. <i>Journal of Information Display</i> , 2022, 23, 1-17.	4.0	80
2	Purely organic phosphor sensitization for efficiency improvement in yellow fluorescent organic light-emitting diodes. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1982-1988.	5.9	2
3	Lifetime enhancement of exciplex based organic light-emitting diodes by triplet exciton engineering. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 93, 388-393.	5.8	4
4	Purely organic phosphorescent organic light emitting diodes using alkyl modified phenoselenazine. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8233-8238.	5.5	19
5	Modeling Electron-Transfer Degradation of Organic Light-Emitting Devices. <i>Advanced Materials</i> , 2021, 33, e2003832.	21.0	21
6	Organic Light-Emitting Diodes: Modeling Electron-Transfer Degradation of Organic Light-Emitting Devices (Adv. Mater. 12/2021). <i>Advanced Materials</i> , 2021, 33, 2170090.	21.0	1
7	Nanocrystalline Polymorphic Energy Funnel for Efficient and Stable Perovskite Light-Emitting Diodes. <i>ACS Energy Letters</i> , 2021, 6, 1821-1830.	17.4	23
8	Enhancing Performance and Stability of Tin Halide Perovskite Light Emitting Diodes via Coordination Engineering of Lewis Acid-Base Adducts. <i>Advanced Functional Materials</i> , 2021, 31, 2106974.	14.9	37
9	Key host parameters for long lifetimes in phosphorescent organic light-emitting diodes: bond dissociation energy in triplet excited state. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1697-1703.	5.5	9
10	CsPbBr ₃ /CH ₃ NH ₃ PbCl ₃ Double Layer Enhances Efficiency and Lifetime of Perovskite Light-Emitting Diodes. <i>ACS Energy Letters</i> , 2020, 5, 2191-2199.	17.4	44
11	Mimicked Host-Dopant System Using Exciplexes in the Organic Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15057-15065.	3.1	6
12	Dual Mode Radiative Transition from a Phenoselenazine Derivative and Electrical Switching of the Emission Mechanism. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5591-5600.	4.6	26
13	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.	5.5	32
14	Single molecule white emission by intra- and inter-molecular charge transfer. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10302-10308.	5.5	22
15	Progress of display performances: AR, VR, QLED, and OLED. <i>Journal of Information Display</i> , 2020, 21, 1-9.	4.0	52
16	Conformation-dependent degradation of thermally activated delayed fluorescence materials bearing cycloamino donors. <i>Communications Chemistry</i> , 2020, 3, .	4.5	7
17	High efficiency above 20% in polymeric thermally activated delayed fluorescent organic light-emitting diodes by a host embedded backbone structure. <i>Polymer Chemistry</i> , 2019, 10, 4872-4878.	3.9	16
18	Suppressed Nonradiative Decay of an Exciplex by an Inert Host for Efficiency Improvement in a Green Fluorescence Organic Light-Emitting Diode. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26856-26861.	3.1	10

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19	Analysis of Key Factors Affecting the Lifetime of Blue Phosphorescent OLED Using CN Modified Blue Host Materials. Digest of Technical Papers SID International Symposium, 2019, 50, 141-144.	0.3	4
20	Ancillary ligand-assisted robust deep-red emission in iridium(III) complexes for solution-processable phosphorescent OLEDs. Journal of Materials Chemistry C, 2019, 7, 4143-4154.	5.5	26
21	Progress of display performances: AR, VR, QLED, OLED, and TFT. Journal of Information Display, 2019, 20, 1-8.	4.0	92
22	Ternary Exciplexes for High Efficiency Organic Light-Emitting Diodes by Self-Energy Transfer. Advanced Optical Materials, 2019, 7, 1801462.	7.3	27
23	Composition-Dependent Optoelectronic Properties of Mixed 2D/3D Metal Halide Perovskite Films for Light-Emitting Diodes. ACS Applied Energy Materials, 0, , .	5.1	3