

# Seung-Jun Yoo

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

1,234  
citations

623734

14  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1537  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the charge transfer and separation in electrically doped organic semiconductors by electron spin resonance spectroscopy. <i>Organic Electronics</i> , 2019, 67, 242-246.	2.6	6
2	Hole mobility in various transition-metal-oxides doped organic semiconductor films. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	2
3	Synthesis and characterization of perfluorinated phenyl-substituted Ir( <i>iii</i> ) complex for pure green emission. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3107-3111.	5.5	17
4	An Exciplex Host for Deep-Blue Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37883-37887.	8.0	56
5	N-Type Molecular Doping in Organic Semiconductors: Formation and Dissociation Efficiencies of a Charge Transfer Complex. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9475-9481.	3.1	27
6	Boosting Triplet Harvest by Reducing Nonradiative Transition of Exciplex toward Fluorescent Organic Light-Emitting Diodes with 100% Internal Quantum Efficiency. <i>Chemistry of Materials</i> , 2016, 28, 1936-1941.	6.7	129
7	Charge Transport in Electrically Doped Amorphous Organic Semiconductors. <i>Macromolecular Rapid Communications</i> , 2015, 36, 984-1000.	3.9	46
8	Organic Electronics: An Exciplex Forming Host for Highly Efficient Blue Organic Light Emitting Diodes with Low Driving Voltage ( <i>Adv. Funct. Mater.</i> 3/2015). <i>Advanced Functional Materials</i> , 2015, 25, 342-342.	14.9	1
9	An Exciplex Forming Host for Highly Efficient Blue Organic Light Emitting Diodes with Low Driving Voltage. <i>Advanced Functional Materials</i> , 2015, 25, 361-366.	14.9	267
10	Blue Phosphorescent Organic Light-Emitting Diodes Using an Exciplex Forming Co-host with the External Quantum Efficiency of Theoretical Limit. <i>Advanced Materials</i> , 2014, 26, 4730-4734.	21.0	241
11	Correlation of the electronic structure of an interconnection unit with the device performance of tandem organic solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5450-5454.	10.3	5
12	Pyrene based materials for exceptionally deep blue OLEDs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9083-9086.	5.5	122
13	Langevin and Trap-Assisted Recombination in Phosphorescent Organic Light Emitting Diodes. <i>Advanced Functional Materials</i> , 2014, 24, 4681-4688.	14.9	153
14	Formation of perfect ohmic contact at indium tin oxide/N,N'-di(naphthalene-1-yl)-N,N'-diphenyl-benzidine interface using ReO <sub>3</sub> . <i>Scientific Reports</i> , 2014, 4, 3902.	3.3	47
15	High efficiency and non-color-changing orange organic light emitting diodes with red and green emitting layers. <i>Organic Electronics</i> , 2013, 14, 1856-1860.	2.6	30
16	Doping-concentration-dependent hole mobility in a ReO <sub>3</sub> doped organic semiconductor of 4,4'-tris(2-naphthyl)-N-phenyl-amino-triphenylamine. <i>Applied Physics Letters</i> , 2013, 102, 3.3 183301.		21
17	Determination of the interface energy level alignment of a doped organic hetero-junction using capacitance-voltage measurements. <i>Organic Electronics</i> , 2012, 13, 2346-2351.	2.6	36
18	Inverted OLEDs for flexible displays. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	An organic p-n junction as an efficient and cathode independent electron injection layer for flexible inverted organic light emitting diodes. <i>Organic Electronics</i> , 2012, 13, 545-549.	2.6	28