Joshua Lin Yuk Lai

List of Publications by Year
in descending order

19	3,620	516710 16	794594 19
papers	citations	h-index	g-index

19	19	19	3100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regioâ€Regular Polymer Acceptors Enabled by Determined Fluorination on End Groups for Allâ€Polymer Solar Cells with 15.2â€‰% Efficiency. Angewandte Chemie, 2021, 133, 10225-10234.	2.0	13
2	Regioâ€Regular Polymer Acceptors Enabled by Determined Fluorination on End Groups for Allâ€Polymer Solar Cells with 15.2â€‰% Efficiency. Angewandte Chemie - International Edition, 2021, 60, 10137-10146.	13.8	145
3	A Chlorinated Donor Polymer Achieving Highâ€Performance Organic Solar Cells with a Wide Range of Polymer Molecular Weight. Advanced Functional Materials, 2021, 31, 2102413.	14.9	69
4	Random Polymerization Strategy Leads to a Family of Donor Polymers Enabling Wellâ€Controlled Morphology and Multiple Cases of Highâ€Performance Organic Solar Cells. Advanced Materials, 2020, 32, e2003500.	21.0	59
5	Alkyl Chain Tuning of Small Molecule Acceptors for Efficient Organic Solar Cells. Joule, 2019, 3, 3020-3033.	24.0	763
6	Efficient All-Polymer Solar Cells based on a New Polymer Acceptor Achieving 10.3% Power Conversion Efficiency. ACS Energy Letters, 2019, 4, 417-422.	17.4	196
7	Quantitative relations between interaction parameter, miscibility and function in organic solar cells. Nature Materials, 2018, 17, 253-260.	27.5	556
8	A Facile Method to Fineâ€Tune Polymer Aggregation Properties and Blend Morphology of Polymer Solar Cells Using Donor Polymers with Randomly Distributed Alkyl Chains. Advanced Energy Materials, 2018, 8, 1701895.	19.5	62
9	Understanding the influence of carboxylate substitution on the property of high-performance donor polymers in non-fullerene organic solar cells. Materials Chemistry Frontiers, 2018, 2, 1360-1365.	5.9	9
10	Modulation of End Groups for Lowâ€Bandgap Nonfullerene Acceptors Enabling Highâ€Performance Organic Solar Cells. Advanced Energy Materials, 2018, 8, 1801203.	19.5	99
11	Tuning Energy Levels without Negatively Affecting Morphology: A Promising Approach to Achieving Optimal Energetic Match and Efficient Nonfullerene Polymer Solar Cells. Advanced Energy Materials, 2017, 7, 1602119.	19.5	39
12	Reduced Intramolecular Twisting Improves the Performance of 3D Molecular Acceptors in Nonâ€Fullerene Organic Solar Cells. Advanced Materials, 2016, 28, 8546-8551.	21.0	161
13	Donor polymer design enables efficient non-fullerene organic solar cells. Nature Communications, 2016, 7, 13094.	12.8	328
14	Highâ€Performance Nonâ€Fullerene Polymer Solar Cells Based on a Pair of Donorâ€“Acceptor Materials with Complementary Absorption Properties. Advanced Materials, 2015, 27, 7299-7304.	21.0	230
15	Efficient non-fullerene polymer solar cells enabled by tetrahedron-shaped core based 3D-structure small-molecular electron acceptors. Journal of Materials Chemistry A, 2015, 3, 13632-13636.	10.3	100
16	Organic Solar Cells: A Tetraphenylethylene Coreâ€Based 3D Structure Small Molecular Acceptor Enabling Efficient Nonâ€Fullerene Organic Solar Cells (Adv. Mater. 6/2015). Advanced Materials, 2015, 27, 1014-1014.	21.0	9
17	The influence of spacer units on molecular properties and solar cell performance of non-fullerene acceptors. Journal of Materials Chemistry A, 2015, 3, 20108-20112.	10.3	41
18	A Tetraphenylethylene Coreâ€Based 3D Structure Small Molecular Acceptor Enabling Efficient Nonâ€Fullerene Organic Solar Cells. Advanced Materials, 2015, 27, 1015-1020.	21.0	362

#	Article	IF	Citations
19	High-efficiency non-fullerene organic solar cells enabled by a difluorobenzothiadiazole-based donor polymer combined with a properly matched small molecule acceptor. Energy and Environmental Science, 2015, 8, 520-525.	30.8	379