

# Chun-Ting Li

## List of Publications by Year in descending order

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64  
papers

2,973  
citations

136950

32  
h-index

161849

54  
g-index

65  
all docs

65  
docs citations

65  
times ranked

4138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electroactive and Sustainable Cu-MOF/PEDOT Composite Electrocatalysts for Multiple Redox Mediators and for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 8435-8444.	8.0	27
2	Dendritic-based co-adsorbents for dye-sensitized solar cells: Effect of the generations and alkyl chain lengths. <i>Synthetic Metals</i> , 2021, 274, 116711.	3.9	1
3	Orientation-Adjustable Metal-Organic Framework Nanorods for Efficient Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 28242-28251.	8.0	21
4	Boron Nitride/Sulfonated Polythiophene Composite Electrocatalyst as the TCO and Pt-Free Counter Electrode for Dye-Sensitized Solar Cells: 21% at Dim Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5251-5259.	6.7	24
5	Effect of electron rich $\pi$ -linkers on the functional properties of dyes featuring dithieno[3,2-b:2',3'-d]pyrrole donor. <i>Dyes and Pigments</i> , 2019, 160, 614-623.	3.7	4
6	Synthesis and properties of polyurea/malonamide dendritic co-adsorbents for dye-sensitized solar cells. <i>Polymer</i> , 2019, 179, 121673.	3.8	6
7	Cost-effective dopant-free star-shaped oligo-aryl amines for high performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14209-14221.	10.3	37
8	Triazine-branched mono- and dianchoring organic dyes: Effect of acceptor arms on optical and photovoltaic properties. <i>Dyes and Pigments</i> , 2019, 165, 182-192.	3.7	7
9	Tetraphenylethylene tethered phenothiazine-based double-anchored sensitizers for high performance dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23225-23233.	10.3	56
10	Hierarchical urchin-like $\text{CoSe}_2/\text{CoSeO}_3$ electro-catalysts for dye-sensitized solar cells: up to 19% PCE under dim light illumination. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26089-26097.	10.3	11
11	Metal-Free Sensitizers with a Perfluorohexyl Side Chain for Dye-Sensitized Solar Cells: Properties Alien to Alkyl Chains. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 819-828.	2.7	1
12	Electrospun membranes of imidazole-grafted PVDF-HFP polymeric ionic liquids for highly efficient quasi-solid-state dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14215-14223.	10.3	34
13	Use of organic materials in dye-sensitized solar cells. <i>Materials Today</i> , 2017, 20, 267-283.	14.2	231
14	Sensitizers for Aqueous-Based Solar Cells. <i>Chemistry - an Asian Journal</i> , 2017, 12, 486-496.	3.3	27
15	A paper-based electrode using a graphene dot/PEDOT:PSS composite for flexible solar cells. <i>Nano Energy</i> , 2017, 36, 260-267.	16.0	135
16	Hierarchical $\text{TiO}_{1.1}\text{Se}_{0.9}$ -wrapped carbon cloth as the TCO-free and Pt-free counter electrode for iodide-based and cobalt-based dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14079-14091.	10.3	28
17	Effective suppression of interfacial charge recombination by a 12-crown-4 substituent on a double-anchored organic sensitizer and rotating disk electrochemical evidence. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7586-7594.	10.3	36
18	Solution-growth-synthesized $\text{Cu}(\text{In,Ga})\text{Se}_2$ nanoparticles in ethanol bath for the applications of dye-sensitized solar cell and photoelectrochemical reaction. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 74, 136-145.	5.3	4

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19	Benzimidazole/Pyridoimidazole-Based Organic Sensitizers for High-Performance Dye-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , 2017, 12, 996-1004.	3.3	14
20	Metal-organic framework/sulfonated polythiophene on carbon cloth as a flexible counter electrode for dye-sensitized solar cells. <i>Nano Energy</i> , 2017, 32, 19-27.	16.0	109
21	Effect of electron-deficient linkers on the physical and photovoltaic properties of dithienopyrrole-based organic dyes. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 18404-18417.	2.2	2
22	Organic Photosensitizers Incorporating Rigid Benzo[1,2- <i>b</i> :6,5- <i>b'</i> ]-dithiophene Segment for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43739-43746.	8.0	24
23	Microemulsion-controlled synthesis of CoSe <sub>2</sub> /CoSeO <sub>3</sub> composite crystals for electrocatalysis in dye-sensitized solar cells. <i>Materials Today Energy</i> , 2017, 6, 189-197.	4.7	25
24	Microemulsion-assisted Zinc Oxide Synthesis: Morphology Control and Its Applications in Photoanodes of Dye-Sensitized Solar Cells. <i>Electrochimica Acta</i> , 2016, 210, 483-491.	5.2	20
25	Earth Abundant Silicon Composites as the Electrocatalytic Counter Electrodes for Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 7037-7046.	8.0	31
26	Organic dyes containing fluorenylidene functionalized phenothiazine donors as sensitizers for dye sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 12392-12404.	2.2	4
27	Nitrogen-doped graphene/molybdenum disulfide composite as the electrocatalytic film for dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2016, 211, 164-172.	5.2	21
28	ZnO double layer film with a novel organic sensitizer as an efficient photoelectrode for dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2016, 325, 209-219.	7.8	15
29	Multifunctional Iodide-Free Polymeric Ionic Liquid for Quasi-Solid-State Dye-Sensitized Solar Cells with a High Open-Circuit Voltage. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 15267-15278.	8.0	40
30	MoSe <sub>2</sub> nanosheet/poly(3,4-ethylenedioxythiophene): poly(styrenesulfonate) composite film as a Pt-free counter electrode for dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2016, 211, 794-803.	5.2	38
31	Composite films of carbon black nanoparticles and sulfonated-polythiophene as flexible counter electrodes for dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2016, 302, 155-163.	7.8	62
32	Synthesis and characterization of thieno[3,4- <i>d</i> ]imidazole-based organic sensitizers for photoelectrochemical cells. <i>Dyes and Pigments</i> , 2016, 129, 60-70.	3.7	10
33	Nanoclimbing-wall-like CoSe <sub>2</sub> /carbon composite film for the counter electrode of a highly efficient dye-sensitized solar cell: A study on the morphology control. <i>Nano Energy</i> , 2016, 22, 594-606.	16.0	78
34	A template-free synthesis of the hierarchical hydroxymethyl PEDOT tube-coral array and its application in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 384-394.	10.3	29
35	High-Performance Aqueous/Organic Dye-Sensitized Solar Cells Based on Sensitizers Containing Triethylene Oxide Methyl Ether. <i>ChemSusChem</i> , 2015, 8, 2503-2513.	6.8	61
36	Graphite with Different Structures as Catalysts for Counter Electrodes in Dye-sensitized Solar Cells. <i>Electrochimica Acta</i> , 2015, 179, 211-219.	5.2	49

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37	Electrocatalytic Zinc Composites as the Efficient Counter Electrodes of Dye-Sensitized Solar Cells: Study on the Electrochemical Performances and Density Functional Theory Calculations. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28254-28263.	8.0	44
38	Recent progress in organic sensitizers for dye-sensitized solar cells. <i>RSC Advances</i> , 2015, 5, 23810-23825.	3.6	207
39	Functional tuning of organic dyes containing 2,7-carbazole and other electron-rich segments in the conjugation pathway. <i>RSC Advances</i> , 2015, 5, 17953-17966.	3.6	20
40	Morphological Influence of Polypyrrole Nanoparticles on the Performance of Dye-Sensitized Solar Cells. <i>Electrochimica Acta</i> , 2015, 155, 263-271.	5.2	42
41	PEDOT-decorated nitrogen-doped graphene as the transparent composite film for the counter electrode of a dye-sensitized solar cell. <i>Nano Energy</i> , 2015, 12, 374-385.	16.0	83
42	Fluorene-Based Sensitizers with a Phenothiazine Donor: Effect of Mode of Donor Tethering on the Performance of Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 2249-2262.	8.0	84
43	Synthesis and photovoltaic properties of organic dyes containing N-fluorene-2-yl dithieno[3,2-b:2',3'-d]pyrrole and different donors. <i>Organic Electronics</i> , 2015, 26, 109-116.	2.6	22
44	Catalytic and photoelectrochemical performances of Cu-Zn-Sn-Se thin films prepared using selenization of electrodeposited Cu-Zn-Sn metal precursors. <i>Journal of Power Sources</i> , 2015, 286, 47-57.	7.8	11
45	Efficient titanium nitride/titanium oxide composite photoanodes for dye-sensitized solar cells and water splitting. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4695-4705.	10.3	50
46	Iodide-Free Ionic Liquid with Dual Redox Couples for Dye-Sensitized Solar Cells with High Open-Circuit Voltage. <i>ChemSusChem</i> , 2015, 8, 1244-1253.	6.8	35
47	TCO-free conducting polymers/carbon cloths as the flexible electro-catalytic counter electrodes for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24479-24486.	10.3	34
48	Economical low-light photovoltaics by using the Pt-free dye-sensitized solar cell with graphene dot/PEDOT:PSS counter electrodes. <i>Nano Energy</i> , 2015, 18, 109-117.	16.0	97
49	Copper zinc tin sulfide as a catalytic material for counter electrodes in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 562-569.	10.3	77
50	Electrocatalytic SiC Nanoparticles/PEDOT:PSS Composite Thin Films as the Counter Electrodes of Dye-Sensitized Solar Cells. <i>ChemElectroChem</i> , 2014, 1, 961-961.	3.4	0
51	Ni <sub>3</sub> Se <sub>4</sub> hollow architectures as catalytic materials for the counter electrodes of dye-sensitized solar cells. <i>Nano Energy</i> , 2014, 10, 201-211.	16.0	79
52	Electrocatalytic SiC Nanoparticles/PEDOT:PSS Composite Thin Films as the Counter Electrodes of Dye-Sensitized Solar Cells. <i>ChemElectroChem</i> , 2014, 1, 1031-1039.	3.4	13
53	A coral-like film of Ni@NiS with core-shell particles for the counter electrode of an efficient dye-sensitized solar cell. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5816-5824.	10.3	70
54	Synthesis of a novel amphiphilic polymeric ionic liquid and its application in quasi-solid-state dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20814-20822.	10.3	30

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55	Ionic liquid-doped poly(3,4-ethylenedioxythiophene) counter electrodes for dye-sensitized solar cells: Cationic and anionic effects on the photovoltaic performance. <i>Nano Energy</i> , 2014, 9, 1-14.	16.0	50
56	Organic Dyes Containing Carbazole as Donor and $\pi$ -Linker: Optical, Electrochemical, and Photovoltaic Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 2528-2539.	8.0	170
57	Functional tuning of phenothiazine-based dyes by a benzimidazole auxiliary chromophore: an account of optical and photovoltaic studies. <i>RSC Advances</i> , 2014, 4, 53588-53601.	3.6	35
58	Structure-Performance Correlations of Organic Dyes with an Electron-Deficient Diphenylquinoxaline Moiety for Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2014, 20, 10052-10064.	3.3	33
59	Structural engineering of dipolar organic dyes with an electron-deficient diphenylquinoxaline moiety for efficient dye-sensitized solar cells. <i>Tetrahedron</i> , 2014, 70, 6276-6284.	1.9	23
60	Organic dyes containing fluoren-9-ylidene chromophores for efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5766.	10.3	60
61	Platinum-Free Counter Electrode Comprised of Metal-Organic-Framework (MOF)-Derived Cobalt Sulfide Nanoparticles for Efficient Dye-Sensitized Solar Cells (DSSCs). <i>Scientific Reports</i> , 2014, 4, 6983.	3.3	182
62	A composite film of TiS <sub>2</sub> /PEDOT:PSS as the electrocatalyst for the counter electrode in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14888.	10.3	59
63	ZnO nanowire/nanoparticles composite films for the photoanodes of quantum dot-sensitized solar cells. <i>Electrochimica Acta</i> , 2013, 88, 35-43.	5.2	40
64	Structural Engineering on Pt-Free Electrocatalysts for Dye-Sensitized Solar Cells. , 0, , .		1