

# Chun-Ting Li

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64  
papers

2,491  
citations

30  
h-index

49  
g-index

65  
ext. papers

2,758  
ext. citations

9  
avg, IF

5.28  
L-index

#	Paper	IF	Citations
64	Recent progress in organic sensitizers for dye-sensitized solar cells. <i>RSC Advances</i> , <b>2015</b> , 5, 23810-23825	3.7	181
63	Use of organic materials in dye-sensitized solar cells. <i>Materials Today</i> , <b>2017</b> , 20, 267-283	21.8	160
62	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> , <b>2014</b> , 4, 6983	4.9	151
61	Organic dyes containing carbazole as donor and linker: optical, electrochemical, and photovoltaic properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 2528-39	9.5	147
60	A paper-based electrode using a graphene dot/PEDOT:PSS composite for flexible solar cells. <i>Nano Energy</i> , <b>2017</b> , 36, 260-267	17.1	115
59	Metal-organic framework/sulfonated polythiophene on carbon cloth as a flexible counter electrode for dye-sensitized solar cells. <i>Nano Energy</i> , <b>2017</b> , 32, 19-27	17.1	90
58	Economical low-light photovoltaics by using the Pt-free dye-sensitized solar cell with graphene dot/PEDOT:PSS counter electrodes. <i>Nano Energy</i> , <b>2015</b> , 18, 109-117	17.1	85
57	PEDOT-decorated nitrogen-doped graphene as the transparent composite film for the counter electrode of a dye-sensitized solar cell. <i>Nano Energy</i> , <b>2015</b> , 12, 374-385	17.1	73
56	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> , <b>2015</b> , 7, 2249-62	9.5	72
55	Copper zinc tin sulfide as a catalytic material for counter electrodes in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 562-569	13	72
54	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> , <b>2016</b> , 22, 594-606	17.1	67
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> , <b>2014</b> , 2, 5816-5824	13	66
52	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> , <b>2014</b> , 10, 201-211	17.1	65
51	Composite films of carbon black nanoparticles and sulfonated-polythiophene as flexible counter electrodes for dye-sensitized solar cells. <i>Journal of Power Sources</i> , <b>2016</b> , 302, 155-163	8.9	60
50	Organic dyes containing fluoren-9-ylidene chromophores for efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 5766	13	58
49	High-performance aqueous/organic dye-sensitized solar cells based on sensitizers containing triethylene oxide methyl ether. <i>ChemSusChem</i> , <b>2015</b> , 8, 2503-13	8.3	55
48	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> , <b>2013</b> , 1, 14888	13	54

47	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> , <b>2014</b> , 9, 1-14	17.1	47
46	Efficient titanium nitride/titanium oxide composite photoanodes for dye-sensitized solar cells and water splitting. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 4695-4705	13	45
45	Graphite with Different Structures as Catalysts for Counter Electrodes in Dye-sensitized Solar Cells. <i>Electrochimica Acta</i> , <b>2015</b> , 179, 211-219	6.7	42
44	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> , <b>2015</b> , 7, 28254-63	9.5	39
43	Morphological Influence of Polypyrrole Nanoparticles on the Performance of Dye-Sensitized Solar Cells. <i>Electrochimica Acta</i> , <b>2015</b> , 155, 263-271	6.7	39
42	ZnO nanowire/nanoparticles composite films for the photoanodes of quantum dot-sensitized solar cells. <i>Electrochimica Acta</i> , <b>2013</b> , 88, 35-43	6.7	38
41	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> , <b>2016</b> , 8, 15267-78	9.5	34
40	Iodide-free ionic liquid with dual redox couples for dye-sensitized solar cells with high open-circuit voltage. <i>ChemSusChem</i> , <b>2015</b> , 8, 1244-53	8.3	33
39	Functional tuning of phenothiazine-based dyes by a benzimidazole auxiliary chromophore: an account of optical and photovoltaic studies. <i>RSC Advances</i> , <b>2014</b> , 4, 53588-53601	3.7	33
38	Tetraphenylethylene tethered phenothiazine-based double-anchored sensitizers for high performance dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 23225-23233	13	33
37	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> , <b>2015</b> , 3, 24479-24486	13	31
36	Cost-effective dopant-free star-shaped oligo-aryl amines for high performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 14209-14221	13	30
35	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> , <b>2016</b> , 211, 794-803	6.7	30
34	Structure-performance correlations of organic dyes with an electron-deficient diphenylquinoxaline moiety for dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 10052-64	4.8	30
33	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> , <b>2017</b> , 5, 7586-7594	13	29
32	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> , <b>2016</b> , 4, 384-394	13	28
31	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> , <b>2014</b> , 2, 20814-20822	13	27
30	Sensitizers for Aqueous-Based Solar Cells. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 486-496	4.5	26

29	Earth Abundant Silicon Composites as the Electrocatalytic Counter Electrodes for Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 7037-46	9.5	24
28	Hierarchical TiO <sub>1.1</sub> SeO <sub>0.9</sub> -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> , <b>2017</b> , 5, 14079-14093	13	23
27	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> , <b>2018</b> , 6, 14215-14223	13	23
26	Synthesis and photovoltaic properties of organic dyes containing N-fluoren-2-yl dithieno[3,2-b:2',3'-d]pyrrole and different donors. <i>Organic Electronics</i> , <b>2015</b> , 26, 109-116	3.5	20
25	Structural engineering of dipolar organic dyes with an electron-deficient diphenylquinoxaline moiety for efficient dye-sensitized solar cells. <i>Tetrahedron</i> , <b>2014</b> , 70, 6276-6284	2.4	20
24	Organic Photosensitizers Incorporating Rigid Benzo[1,2-b:6,5-b']dithiophene Segment for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 43739-43748	9.5	18
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> , <b>2017</b> , 6, 189-197	7	18
22	Functional tuning of organic dyes containing 2,7-carbazole and other electron-rich segments in the conjugation pathway. <i>RSC Advances</i> , <b>2015</b> , 5, 17953-17966	3.7	18
21	Nitrogen-doped graphene/molybdenum disulfide composite as the electrocatalytic film for dye-sensitized solar cells. <i>Electrochimica Acta</i> , <b>2016</b> , 211, 164-172	6.7	17
20	Microemulsion-assisted Zinc Oxide Synthesis: Morphology Control and Its Applications in Photoanodes of Dye-Sensitized Solar Cells. <i>Electrochimica Acta</i> , <b>2016</b> , 210, 483-491	6.7	17
19	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> , <b>2020</b> , 8, 5251-5259	8.3	15
18	ZnO double layer film with a novel organic sensitizer as an efficient photoelectrode for dye-sensitized solar cells. <i>Journal of Power Sources</i> , <b>2016</b> , 325, 209-219	8.9	14
17	Benzimidazole/Pyridoimidazole-Based Organic Sensitizers for High-Performance Dye-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 996-1004	4.5	12
16	Electrocatalytic SiC Nanoparticles/PEDOT:PSS Composite Thin Films as the Counter Electrodes of Dye-Sensitized Solar Cells. <i>ChemElectroChem</i> , <b>2014</b> , 1, 1031-1039	4.3	12
15	Catalytic and photoelectrochemical performances of Cu <sub>2</sub> ZnSnSe thin films prepared using selenization of electrodeposited Cu <sub>2</sub> ZnSn metal precursors. <i>Journal of Power Sources</i> , <b>2015</b> , 286, 47-57	8.9	11
14	Synthesis and characterization of thieno[3,4-d]imidazole-based organic sensitizers for photoelectrochemical cells. <i>Dyes and Pigments</i> , <b>2016</b> , 129, 60-70	4.6	8
13	Hierarchical urchin-like CoSe <sub>2</sub> /CoSeO <sub>3</sub> electro-catalysts for dye-sensitized solar cells: up to 19% PCE under dim light illumination. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 26089-26097	13	7
12	Orientation-Adjustable Metal-Organic Framework Nanorods for Efficient Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 28242-28251	9.5	6

11	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> , <b>2021</b> , 13, 8435-8444	9.5	6
10	Solution-growth-synthesized Cu(In,Ga)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> , <b>2017</b> , 74, 136-145	5.3	3
9	Triazine-branched mono- and dianchoring organic dyes: Effect of acceptor arms on optical and photovoltaic properties. <i>Dyes and Pigments</i> , <b>2019</b> , 165, 182-192	4.6	3
8	Organic dyes containing fluorenylidene functionalized phenothiazine donors as sensitizers for dye sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 12392-12404	2.1	3
7	Synthesis and properties of polyurea/malonamide dendritic co-adsorbents for dye-sensitized solar cells. <i>Polymer</i> , <b>2019</b> , 179, 121673	3.9	3
6	Effect of electron rich linkers on the functional properties of dyes featuring dithieno[3,2-b:2',3'-d]pyrrole donor. <i>Dyes and Pigments</i> , <b>2019</b> , 160, 614-623	4.6	2
5	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> , <b>2017</b> , 28, 18404-18417	2.1	1
4	Structural Engineering on Pt-Free Electrocatalysts for Dye-Sensitized Solar Cells <b>2020</b> ,		1
3	Dendritic-based co-adsorbents for dye-sensitized solar cells: Effect of the generations and alkyl chain lengths. <i>Synthetic Metals</i> , <b>2021</b> , 274, 116711	3.6	1
2	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> , <b>2018</b> , 7, 819-828	3	
1	Electrocatalytic SiC Nanoparticles/PEDOT:PSS Composite Thin Films as the Counter Electrodes of Dye-Sensitized Solar Cells. <i>ChemElectroChem</i> , <b>2014</b> , 1, 961-961	4.3	