

Jiann T Lin

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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.

92
papers

6,178
citations

42
h-index

78
g-index

92
ext. papers

6,450
ext. citations

7.1
avg, IF

5.68
L-index

#	Paper	IF	Citations
92	Light-emitting carbazole derivatives: potential electroluminescent materials. <i>Journal of the American Chemical Society</i> , 2001 , 123, 9404-11	16.4	456
91	Organic dyes incorporating low-band-gap chromophores for dye-sensitized solar cells. <i>Organic Letters</i> , 2005 , 7, 1899-902	6.2	411
90	2,3-Disubstituted Thiophene-Based Organic Dyes for Solar Cells. <i>Chemistry of Materials</i> , 2008 , 20, 1830-1840	10.4	382
89	Recent developments in molecule-based organic materials for dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8734		337
88	Benzimidazole/amine-based compounds capable of ambipolar transport for application in single-layer blue-emitting OLEDs and as hosts for phosphorescent emitters. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 581-5	16.4	260
87	Organic dyes containing furan moiety for high-performance dye-sensitized solar cells. <i>Organic Letters</i> , 2009 , 11, 97-100	6.2	190
86	Organic dyes containing thienylfluorene conjugation for solar cells. <i>Chemical Communications</i> , 2005 , 4098-100	5.8	182
85	Recent progress in organic sensitizers for dye-sensitized solar cells. <i>RSC Advances</i> , 2015 , 5, 23810-23825	3.7	181
84	Versatile, Benzimidazole/Amine-Based Ambipolar Compounds for Electroluminescent Applications: Single-Layer, Blue, Fluorescent OLEDs, Hosts for Single-Layer, Phosphorescent OLEDs. <i>Advanced Functional Materials</i> , 2009 , 19, 2661-2670	15.6	175
83	Blue-Emitting Anthracenes with End-Capping Diarylamines. <i>Chemistry of Materials</i> , 2002 , 14, 3860-3865	9.6	165
82	Organic Dyes Containing 1H-Phenanthro[9,10-d]imidazole Conjugation for Solar Cells. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 18785-18793	3.8	135
81	Dipolar compounds containing fluorene and a heteroaromatic ring as the conjugating bridge for high-performance dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , 2010 , 16, 3184-93	4.8	123
80	Materials for the active layer of organic photovoltaics: ternary solar cell approach. <i>ChemSusChem</i> , 2013 , 6, 20-35	8.3	121
79	Pyrrole-Based Organic Dyes for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12557-12567	3.8	110
78	Organic dyes incorporating the dithieno[3,2-b:2',3'-f]thiophene moiety for efficient dye-sensitized solar cells. <i>Organic Letters</i> , 2010 , 12, 16-9	6.2	108
77	Sensitizers with rigidified-aromatics as the conjugated spacers for dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9765-9780	7.1	100
76	Hexaphenylphenylene dendronised pyrenylamines for efficient organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2005 , 15, 4453		91

75	Eugenic metal-free sensitizers with double anchors for high performance dye-sensitized solar cells. <i>Chemical Communications</i> , 2015 , 51, 2152-5	5.8	85
74	2,6-Conjugated anthracene sensitizers for high-performance dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2013 , 6, 2477	35.4	83
73	Organic Dyes Containing a Cyanovinyl Entity in the Spacer for Solar Cells Applications. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 19739-19747	3.8	83
72	High Tg blue emitting materials for electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2005 , 15, 2455		81
71	Arylamine-based dyes for p-type dye-sensitized solar cells. <i>Organic Letters</i> , 2011 , 13, 4930-3	6.2	79
70	High-performance dye-sensitized solar cells based on 5,6-bis-hexyloxy-benzo[2,1,3]thiadiazole. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10929		76
69	Y-shaped metal-free D(A) ₂ sensitizers for high-performance dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 3092	13	75
68	Squaraine-arylamine sensitizers for highly efficient p-type dye-sensitized solar cells. <i>Organic Letters</i> , 2012 , 14, 4726-9	6.2	74
67	High-performance dye-sensitized solar cells based on phenothiazine dyes containing double anchors and thiophene spacers. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 357-66	4.5	71
66	1-Alkyl-1H-imidazole-based dipolar organic compounds for dye-sensitized solar cells. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 87-96	4.5	68
65	Diphenylthienylamine-Based Star-Shaped Molecules for Electroluminescence Applications. <i>Chemistry of Materials</i> , 2001 , 13, 2626-2631	9.6	68
64	Syntheses and Reactivity of Ruthenium π -Pyridylacetylides. <i>Organometallics</i> , 1997 , 16, 2038-2048	3.8	67
63	Electroluminescent bipolar compounds containing quinoxaline or pyridopyrazine and triarylamine segments. <i>Journal of Materials Chemistry</i> , 2002 , 12, 3516-3522		59
62	Pyrazine-incorporating panchromatic sensitizers for dye sensitized solar cells under one sun and dim light. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 13778-13789	13	58
61	Co-sensitization promoted light harvesting for plastic dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2011 , 196, 2416-2421	8.9	56
60	High-performance aqueous/organic dye-sensitized solar cells based on sensitizers containing triethylene oxide methyl ether. <i>ChemSusChem</i> , 2015 , 8, 2503-13	8.3	55
59	Light-Emitting Diodes Based on a Carbazole-Derivatized Dopant: Origin of Dopant Excitation as a Function of the Device Structure. <i>Chemistry of Materials</i> , 2002 , 14, 357-361	9.6	55
58	Metal-Free Sensitizers for Dye-Sensitized Solar Cells. <i>Chemical Record</i> , 2016 , 16, 1311-36	6.6	54

57	Benzotriazole-containing D- π -A conjugated organic dyes for dye-sensitized solar cells. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 809-16	4.5	51
56	Syntheses and Second-Order Optical Nonlinearity of Ruthenium π -Acetylides with an End-Capping Organic Electron Acceptor and Thienyl Entity in the Conjugation Chain. <i>Organometallics</i> , 1998 , 17, 2188-2198	3.8	50
55	Organic dyes with a fused segment comprising benzotriazole and thieno[3,2-b]pyrrole entities as the conjugated spacer for high performance dye-sensitized solar cells. <i>Chemical Communications</i> , 2015 , 51, 17080-3	5.8	48
54	Conjugated Pyridines with an End-Capping Ferrocene. <i>Organometallics</i> , 1996 , 15, 5028-5034	3.8	47
53	Metal-free branched alkyl tetrathienoacene (TTAR)-based sensitizers for high-performance dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 12310-12321	13	45
52	Heteroleptic ruthenium sensitizers that contain an ancillary bipyridine ligand tethered with hydrocarbon chains for efficient dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , 2011 , 17, 6781-8	4.8	42
51	Synthesis and characterization of new fluorescent two-photon absorption chromophores. <i>Journal of Materials Chemistry</i> , 2006 , 16, 850-857		42
50	Incorporating a new 2H-[1,2,3]triazolo[4,5-c]pyridine moiety to construct D-A- π A organic sensitizers for high performance solar cells. <i>Organic Letters</i> , 2014 , 16, 3052-5	6.2	41
49	Ferrocene End-Capped Palladium(II) and Platinum(II) Complexes with Thiophene Spacers. <i>Organometallics</i> , 1999 , 18, 5285-5291	3.8	41
48	Thieno[3,4-b]thiophene-based organic dyes for dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , 2012 , 18, 5430-7	4.8	40
47	Synthesis, optical and electrochemical properties of pyridal[2,1,3]thiadiazole based organic dyes for dye sensitized solar cells. <i>Organic Electronics</i> , 2014 , 15, 378-390	3.5	38
46	Dihydrophenanthrene-based metal-free dyes for highly efficient cosensitized solar cells. <i>Organic Letters</i> , 2012 , 14, 3612-5	6.2	38
45	Nonconjugated red-emitting dendrimers with p-type and/or n-type peripheries. <i>Organic Letters</i> , 2006 , 8, 2233-6	6.2	38
44	Organic sensitizers with a rigid dithienobenzotriazole-based spacer for high-performance dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 6553-6560	13	37
43	Multi-anchored sensitizers for dye-sensitized solar cells. <i>Sustainable Energy and Fuels</i> , 2017 , 1, 969-985	5.8	35
42	Energy harvesting star-shaped molecules for electroluminescence applications. <i>Chemical Communications</i> , 2004 , 2328-9	5.8	35
41	Anthracene/phenothiazine π -conjugated sensitizers for dye-sensitized solar cells using redox mediator in organic and water-based solvents. <i>ChemSusChem</i> , 2015 , 8, 105-13	8.3	34
40	Organic Dyes Incorporating the Dithieno[3,2-f:2'3'-f']quinoxaline Moiety for Dye-Sensitized Solar Cells. <i>ChemSusChem</i> , 2015 , 8, 2932-9	8.3	33

39	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	13	33
38	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	13	30
37	Ionic liquid with a dual-redox couple for efficient dye-sensitized solar cells. <i>ChemSusChem</i> , 2014 , 7, 146-153	5.3	30
36	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	13	29
35	Organic dyes incorporating the dithieno[3,2-f:2',3'-b]benzo[1,2-c]furan moiety for dye-sensitized solar cells. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22612-21	9.5	29
34	Donor-acceptor interactions in red-emitting thienylbenzene-branched dendrimers with benzothiadiazole core. <i>Chemistry - A European Journal</i> , 2008 , 14, 11231-41	4.8	29
33	Charge transporting enhancement of NiO photocathodes for p-type dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2012 , 66, 210-215	6.7	28
32	Dipolar organic pyridyl dyes for dye-sensitized solar cell applications. <i>Tetrahedron</i> , 2012 , 68, 767-773	2.4	28
31	A remarkable enhancement of efficiency by co-adsorption with CDCA on the bithiazole-based dye-sensitized solar cells. <i>Organic Electronics</i> , 2013 , 14, 2546-2554	3.5	27
30	Naphthyl and thienyl units as bridges for metal-free dye-sensitized solar cells. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1074-84	4.5	27
29	Sensitizers for Aqueous-Based Solar Cells. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 486-496	4.5	26
28	Hierarchical TiO _{1.1} 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	13	23
27	Organic Photosensitizers Incorporating Rigidified Dithieno[3,2-f:2',3'-b]quinoxaline Segment Tethered with Thiophene Substitutes for Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23066-73	9.5	23
26	Imidazole-Based Sensitizers Containing Double Anchors for Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 7367-7377	3.2	23
25	Novel fluororous amphiphilic heteroleptic Ru-based complexes for a dye-sensitized solar cell: the first fluororous bis-ponytailed amphiphilic Ru complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 4289-94	5.1	22
24	Near-Infrared-Absorbing and Dopant-Free Heterocyclic Quinoid-Based Hole-Transporting Materials for Efficient Perovskite Solar Cells. <i>ChemSusChem</i> , 2016 , 9, 3139-3144	8.3	21
23	Coplanar indenofluorene-based organic dyes for dye-sensitized solar cells. <i>Tetrahedron</i> , 2012 , 68, 7755-7762	7.6	21
22	Novel Organic Sensitizers Containing 2,6-Difunctionalized Anthracene Unit for Dye Sensitized Solar Cells. <i>Polymers</i> , 2012 , 4, 1443-1461	4.5	21

21	2H-[1,2,3]Triazolo[4,5-c]pyridine Cored Organic Dyes Achieving a High Efficiency: a Systematic Study of the Effect of Different Donors and Spacers. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 22046-57	9.5	19
20	Organic electroluminescent derivatives containing dibenzothiophene and diarylamine segments. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3233		19
19	Organic Photosensitizers Incorporating Rigid Benzo[1,2-b:6,5-b']dithiophene Segment for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43739-43748	9.5	18
18	Reversed Y-shape di-anchoring sensitizers for dye sensitized solar cells based on benzimidazole core. <i>Dyes and Pigments</i> , 2017 , 140, 441-451	4.6	16
17	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	8.3	15
16	A phenothiazine/dimesitylborane hybrid material as a bipolar transport host of red phosphor. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9499-9508	7.1	14
15	Dye-sensitized solar cells based on (donor-acceptor) ₂ dyes with dithiafulvalene as the donor. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1933-42	4.5	13
14	Near-Infrared Absorbing Organoruthenium Complexes: Crystal Violet Analogues. <i>Organometallics</i> , 1999 , 18, 320-327	3.8	13
13	Benzimidazole/Pyridoimidazole-Based Organic Sensitizers for High-Performance Dye-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 996-1004	4.5	12
12	Phenothiazinedioxide-conjugated sensitizers and a dual-TEMPO/iodide redox mediator for dye-sensitized solar cells. <i>ChemSusChem</i> , 2014 , 7, 2221-9	8.3	12
11	Novel conjugated copolymers based on dithiafulvalene moiety for bulk heterojunction solar cells. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 2121-2129	2.5	8
10	Synthesis and characterization of novel symmetrical two-photon chromophores derived from bis(triphenylaminotetrathienoacenyl) and fused-thiophene units. <i>RSC Advances</i> , 2015 , 5, 54003-54010	3.7	7
9	Hierarchical urchin-like CoSe ₂ /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	13	7
8	Orientation-Adjustable Metal-Organic Framework Nanorods for Efficient Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 28242-28251	9.5	6
7	Electroactive and Sustainable Cu-MOF/PEDOT Composite Electrocatalysts for Multiple Redox Mediators and for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8435-8444	9.5	6
6	Bipolar transport materials for electroluminescence applications. <i>Organic Electronics</i> , 2016 , 30, 265-274	3.5	4
5	Influence of various dithienoheterocycles as conjugated linker in Naphtho[2,3-d][1,2,3]triazole-based organic dyes for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2021 , 188, 109220	4.6	4
4	Organic Electroluminescent Bis(diarylamino) Dibenzofuran Derivatives. <i>Journal of the Chinese Chemical Society</i> , 2006 , 53, 1317-1324	1.5	3

3	Metal-Free Indeno[2,1-b]thiophene-Based Sensitizers for Dye-Sensitized Solar Cells. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 801-811	3	2
2	Organic dyes incorporating 9,10-dihydrophenanthrene moiety for dye-sensitized solar cells. <i>Molecular Crystals and Liquid Crystals</i> , 2020 , 703, 32-38	0.5	1
1	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	3	