Wei Yang

List of Publications by Year
in descending order

42	1,815	18	42
papers	citations	h-index	g-index
		430874	265206

42	42	42	2587
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alcohol-soluble fluorene derivate functionalized with pyridyl groups as a high-performance cathode interfacial material in organic solar cells. New Journal of Chemistry, 2021, 45, 4584-4591.	2.8	5
2	Bis(benzothiophene-<i>S</i>,<i>S</i>-dioxide) fused small molecules realize solution-processible, high-performance and non-doped blue organic light-emitting diodes. Journal of Materials Chemistry C, 2020, 8, 1002-1009.	5.5	11
3	Roles of NAD+ and Its Metabolites Regulated Calcium Channels in Cancer. Molecules, 2020, 25, 4826.	3.8	10
4	Efficient, stable and high color rendering index white polymer light-emitting diodes by restraining the electron trapping. Organic Electronics, 2020, 84, 105785.	2.6	7
5	Dibenzothiophene-<i>S</i>,<i>S</i>-dioxide-bispyridinium-fluorene-based polyelectrolytes for cathode buffer layers of polymer solar cells. Polymer Chemistry, 2020, 11, 3605-3614.	3.9	3
6	Highly efficient blue light-emitting polymers containing N-(2-decyltetradecyl)carbazole[2,3-b]benzo[d]thiophene-S,S-dioxide moiety. Organic Electronics, 2020, 81, 105670.	2.6	5
7	Efficient Interface Engineering Enhances Photovoltaic Performance of a Bulk-Heterojunction PCDTBT:PC₇₁BM System. IEEE Journal of Photovoltaics, 2019, 9, 1258-1265.	2.5	5
8	Molecular Engineering on Bis(benzothiophene-<i>S</i>,<i>S</i>-dioxide)-Based Large-Band Gap Polymers for Interfacial Modifications in Polymer Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 45969-45978.	8.0	9
9	Near-infrared polymer light-emitting diodes based on an inverted device structure. Journal of Materials Chemistry C, 2019, 7, 12114-12120.	5.5	11
10	Ether-soluble hole-transporting polymers based on triphenylamine/phenothiazine moieties with shallow HOMO levels. Polymer Chemistry, 2019, 10, 1367-1376.	3.9	9
11	The dibenzothiophene-S,S-dioxide and spirobifluorene based small molecules promote Low roll-off and Blue organic light-emitting diodes. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111946.	3.9	6
12	Efficient tandem polymer light-emitting diodes with PTPA-P/ZnO as the charge generation layer. Journal of Materials Chemistry C, 2019, 7, 8003-8010.	5.5	5
13	Synthesis and properties of blue-light-emitting Oligo(fluorene-co-dibenzothiophene-S,S-dioxide)s. Dyes and Pigments, 2019, 166, 502-514.	3.7	10
14	Synthesis and properties of five ring fused aromatic compounds based on <i>S</i>,<i>S</i>-dioxide benzothiophene. New Journal of Chemistry, 2018, 42, 2750-2757.	2.8	10
15	Synthesis and optical and electrochemical properties of polycyclic aromatic compounds based on bis(benzothiophene)-fused fluorene. Comptes Rendus Chimie, 2018, 21, 854-861.	0.5	4
16	Efficient blue light-emitting polymers containing fluorene[2,3-b]benzo[d]thiophene-S,S-dioxide unit. Organic Electronics, 2018, 61, 366-375.	2.6	10
17	Dibenzothiophene-<i>S</i>,<i>S</i>-dioxide and Bispyridinium-Based Cationic Polyfluorene Derivative as an Efficient Cathode Modifier for Polymer Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 4778-4787.	8.0	21
18	Efficient white polymer light-emitting diodes from single polymer exciplex electroluminescence. Journal of Materials Chemistry C, 2017, 5, 2397-2403.	5.5	25

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19	Deepâ€blue lightâ€emitting polyfluorenes containing spiro[fluoreneâ€9,9â€²â€thioxantheneâ€<i>S,S</i>â€dioxide] isomers. Journal of Polymer Science Part A, 2017, 55, 2332-2341.	2.3	18
20	Highly efficient inverted blue light-emitting diodes by thermal annealing and interfacial modification. Organic Electronics, 2017, 49, 1-8.	2.6	11
21	Improving electroluminescent performance of blue light-emitting poly(fluorene-co-dibenzothiophene-S,S-dioxide) by end-capping. Organic Electronics, 2017, 48, 118-126.	2.6	22
22	Pyridine-incorporated alcohol-soluble neutral polyfluorene derivatives as efficient cathode-modifying layers for polymer solar cells. Polymer Chemistry, 2017, 8, 6720-6732.	3.9	10
23	Blue light-emitting polymers containing ortho -linking carbazole-based benzothiophene- S, S -dioxide derivative. Dyes and Pigments, 2017, 138, 245-254.	3.7	16
24	Improving Film Formation and Photovoltage of Highly Efficient Invertedâ€Type Perovskite Solar Cells through the Incorporation of New Polymeric Hole Selective Layers. Advanced Energy Materials, 2016, 6, 1502021.	19.5	152
25	Electrochemically deposited interlayer between PEDOT:PSS and phosphorescent emitting layer for multilayer solution-processed phosphorescent OLEDs. Journal of Materials Chemistry C, 2016, 4, 9509-9515.	5.5	20
26	Blue light-emitting polymers containing fluorene-based benzothiophene-S,S-dioxide derivatives. Journal of Materials Chemistry C, 2016, 4, 1305-1312.	5.5	25
27	Synthesis and optical and electrochemical properties of polycyclic aromatic compounds with S,S-dioxide benzothiophene fused seven rings. New Journal of Chemistry, 2015, 39, 6513-6521.	2.8	30
28	Color tuning in inverted blue light-emitting diodes based on a polyfluorene derivative by adjusting the thickness of the light-emitting layer. Journal of Materials Chemistry C, 2015, 3, 9819-9826.	5.5	17
29	Bipolar Ï€-conjugation interrupted host polymers by metal-free superacid-catalyzed polymerization for single-layer electrophosphorescent diodes. RSC Advances, 2014, 4, 50027-50034.	3.6	8
30	Red, Green, and Blue Lightâ€Emitting Polyfluorenes Containing a Dibenzothiopheneâ€<i>S,S</i>â€Dioxide Unit and Efficient Highâ€Colorâ€Renderingâ€Index Whiteâ€Lightâ€Emitting Diodes Made Therefrom. Advanced Functional Materials, 2013, 23, 4366-4376.	14.9	121
31	RGB Small Molecules Based on a Bipolar Molecular Design for Highly Efficient Solutionâ€Processed Singleâ€layer OLEDs. Chemistry - A European Journal, 2012, 18, 2707-2714.	3.3	37
32	Origin of the enhanced open-circuit voltage in polymer solar cells via interfacial modification using conjugated polyelectrolytes. Journal of Materials Chemistry, 2010, 20, 2617.	6.7	222
33	Triphenylamine and Fluorene Based Cationic Conjugated Polyelectrolytes: Synthesis and Characterization. Macromolecular Chemistry and Physics, 2009, 210, 150-160.	2.2	6
34	Anionic triphenylamineâ€and fluoreneâ€based conjugated polyelectrolyte as a holeâ€transporting material for polymer lightâ€emitting diodes. Polymer International, 2009, 58, 373-379.	3.1	16
35	Enhancement of spectral stability and efficiency on blue light-emitters via introducing dibenzothiophene-S,S-dioxide isomers into polyfluorene backbone. Organic Electronics, 2009, 10, 901-909.	2.6	75
36	Progress and perspective of polymer white light-emitting devices and materials. Chemical Society Reviews, 2009, 38, 3391.	38.1	405

#	ARTICLE	IF	CITATIONS
37	Highâ€Tripletâ€Energy Poly(9,9â€²â€bis(2â€ethylhexyl)â€3,6â€fluorene) as Host for Blue and Green Phosphorescent Complexes. Advanced Materials, 2008, 20, 2359-2364.	21.0	73
38	Highly Efficient and Spectrally Stable Blue-Light-Emitting Polyfluorenes Containing a Dibenzothiophene-<i>S</i>,<i>S</i>-dioxide Unit. Chemistry of Materials, 2008, 20, 4499-4506.	6.7	127
39	Synthesis and optoelectronic characterization of conjugated phosphorescent polyelectrolytes with a neutral Ir complex incorporated into the polymer backbone and their neutral precursors. Journal of Materials Chemistry, 2007, 17, 992-1001.	6.7	38
40	Bright red light-emitting devices based on a novel europium complex doped into polyvinylcarbazole. New Journal of Chemistry, 2007, 31, 569.	2.8	37
41	Synthesis of novel triphenylamine-based conjugated polyelectrolytes and their application as hole-transport layers in polymeric light-emitting diodes. Journal of Materials Chemistry, 2006, 16, 2387.	6.7	80
42	Novel Random Low-Band-Gap Fluorene-Based Copolymers for Deep Red/Near Infrared Light-Emitting Diodes and Bulk Heterojunction Photovoltaic Cells. Macromolecular Chemistry and Physics, 2006, 207, 511-520.	2.2	83