

Ye Tao

List of Publications by Year in descending order

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141
papers

11,202
citations

29994

54
h-index

28224

105
g-index

145
all docs

145
docs citations

145
times ranked

9532
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Rational Design of Poly(2,7-Carbazole) Derivatives for Solar Cells. <i>Journal of the American Chemical Society</i> , 2008, 130, 732-742.	6.6	1,328
2	Bulk Heterojunction Solar Cells Using Thieno[3,4- <i>c</i>]pyrrole-4,6-dione and Dithieno[3,2- <i>b</i> :2,3- <i>d'</i>]silole Copolymer with a Power Conversion Efficiency of 7.3%. <i>Journal of the American Chemical Society</i> , 2011, 133, 4250-4253.	6.6	1,047
3	A Thieno[3,4- <i>c</i>]pyrrole-4,6-dione-Based Copolymer for Efficient Solar Cells. <i>Journal of the American Chemical Society</i> , 2010, 132, 5330-5331.	6.6	747
4	Synthesis, Structure, and Electroluminescence of BR2q (R = Et, Ph, 2-Naphthyl and q =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (8-3.2 385	3.2	385
5	Synthesis and Properties of Random and Alternating Fluorene/Carbazole Copolymers for Use in Blue Light-Emitting Devices. <i>Chemistry of Materials</i> , 2004, 16, 2165-2173.	3.2	273
6	Light-Emitting Diodes from Fluorene-Based π -Conjugated Polymers. <i>Chemistry of Materials</i> , 2000, 12, 1931-1936.	3.2	252
7	A High-Mobility Low-Bandgap Poly(2,7-carbazole) Derivative for Photovoltaic Applications. <i>Macromolecules</i> , 2009, 42, 2891-2894.	2.2	232
8	Effects of the Molecular Weight and the Side-Chain Length on the Photovoltaic Performance of Dithienosilole/Thienopyrrolodione Copolymers. <i>Advanced Functional Materials</i> , 2012, 22, 2345-2351.	7.8	223
9	Synthesis, Characterization, and Application of Indolo[3,2- <i>b</i>]carbazole Semiconductors. <i>Journal of the American Chemical Society</i> , 2007, 129, 9125-9136.	6.6	208
10	Three-Coordinate Organoboron Compounds BAr ₂ R (Ar= Mesityl, R= 7-Azaindoly- or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (2,2â€” Supramolecular Assembly. <i>Chemistry - A European Journal</i> , 2004, 10, 994-1006.	1.7	191
11	Highly efficient organic solar cells based on a poly(2,7-carbazole) derivative. <i>Journal of Materials Chemistry</i> , 2009, 19, 5351.	6.7	185
12	Organic Microelectronics: Design, Synthesis, and Characterization of 6,12-Dimethylindolo[3,2- <i>b</i>]Carbazoles. <i>Chemistry of Materials</i> , 2004, 16, 4386-4388.	3.2	177
13	Syntheses, structures, and electroluminescence of new blue luminescent star-shaped compounds based on 1,3,5-triazine and 1,3,5-trisubstituted benzene. <i>Journal of Materials Chemistry</i> , 2002, 12, 206-212.	6.7	164
14	Syntheses and Characterization of Electroactive and Photoactive 2,7-Carbazolenevinylene-Based Conjugated Oligomers and Polymers. <i>Chemistry of Materials</i> , 2004, 16, 4619-4626.	3.2	164
15	Highly Efficient Red Phosphorescent Osmium(II) Complexes for OLED Applications. <i>Organometallics</i> , 2004, 23, 3745-3748.	1.1	162
16	Photovoltaic-Active Dithienosilole-Containing Polymers. <i>Macromolecules</i> , 2007, 40, 9406-9412.	2.2	142
17	Development of a New s-Tetrazine-Based Copolymer for Efficient Solar Cells. <i>Journal of the American Chemical Society</i> , 2010, 132, 13160-13161.	6.6	141
18	New Phosphorescent Polynuclear Cu(I) Compounds Based on Linear and Star-Shaped 2-(2- π -Pyridyl)benzimidazolyl Derivatives: Syntheses, Structures, Luminescence, and Electroluminescence. <i>Inorganic Chemistry</i> , 2005, 44, 5706-5712.	1.9	140

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19	Morphology control in polycarbazole based bulk heterojunction solar cells and its impact on device performance. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	138
20	Organoboron Compounds with an 8-Hydroxyquinolato Chelate and Its Derivatives: Substituent Effects on Structures and Luminescence. <i>Inorganic Chemistry</i> , 2005, 44, 601-609.	1.9	134
21	Charge Transport, Photovoltaic, and Thermoelectric Properties of Poly(2,7-Carbazole) and Poly(Indolo[3,2- <i>b</i>]Carbazole) Derivatives. <i>Polymer Reviews</i> , 2008, 48, 432-462.	5.3	133
22	Synthesis and Properties of Multi-Triarylamine-Substituted Carbazole-Based Dendrimers with an Oligothiophene Core for Potential Applications in Organic Solar Cells and Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2006, 18, 6194-6203.	3.2	129
23	Synthesis and applications of difluorobenzothiadiazole based conjugated polymers for organic photovoltaics. <i>Journal of Materials Chemistry</i> , 2011, 21, 3226.	6.7	127
24	Crystalline low band-gap alternating indolocarbazole and benzothiadiazole-cored oligothiophene copolymer for organic solar cell applications. <i>Chemical Communications</i> , 2008, , 5315.	2.2	125
25	Full Emission Color Tuning in Bis-Dipolar Diphenylamino-Endcapped Oligoarylfluorenes. <i>Chemistry of Materials</i> , 2005, 17, 5032-5040.	3.2	123
26	Germafluorenes: New Heterocycles for Plastic Electronics. <i>Macromolecules</i> , 2010, 43, 2328-2333.	2.2	116
27	Pure Deep Blue Light-Emitting Diodes from Alternating Fluorene/Carbazole Copolymers by Using Suitable Hole-Blocking Materials. <i>Macromolecules</i> , 2004, 37, 2442-2449.	2.2	113
28	Alternating Copolymers of Cyclopenta[2,1- <i>b</i> ;3,4- <i>b'</i>]dithiophene and Thieno[3,4- <i>c</i>]pyrrole-4,6-dione for High-Performance Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2011, 21, 3331-3336.	7.8	113
29	Highly efficient polycarbazole-based organic photovoltaic devices. <i>Applied Physics Letters</i> , 2009, 95, 063304.	1.5	107
30	Control of the active layer nanomorphology by using co-additives towards high-performance bulk heterojunction solar cells. <i>Organic Electronics</i> , 2012, 13, 1736-1741.	1.4	103
31	Synthesis and Light-Emitting Properties of Bipolar Oligofluorenes Containing Triarylamine and 1,2,4-Triazole Moieties. <i>Organic Letters</i> , 2006, 8, 4271-4274.	2.4	102
32	Diarylamine functionalized pyrene derivatives for use in blue OLEDs and complex formation. <i>Journal of Materials Chemistry</i> , 2004, 14, 3344.	6.7	95
33	Alkyl Side Chain Impact on the Charge Transport and Photovoltaic Properties of Benzodithiophene and Diketopyrrolopyrrole-Based Copolymers. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18002-18009.	1.5	94
34	Synthesis and Photovoltaic Properties of Poly(dithieno[3,2- <i>b</i> :2,3- <i>d'</i>]germole) Derivatives. <i>Macromolecules</i> , 2011, 44, 7188-7193.	2.2	94
35	White organic light-emitting diode comprising of blue fluorescence and red phosphorescence. <i>Applied Physics Letters</i> , 2005, 86, 113507.	1.5	90
36	Diphenylamino End-Capped Oligofluorenes with Enhanced Functional Properties for Blue Light Emission: Synthesis and Structure-Property Relationships. <i>Chemistry - A European Journal</i> , 2005, 11, 3285-3293.	1.7	89

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37	High-efficiency inverted solar cells based on a low bandgap polymer with excellent air stability. <i>Solar Energy Materials and Solar Cells</i> , 2012, 96, 155-159.	3.0	89
38	Blue-Luminescent/Electroluminescent Zn(II) Compounds of 7-Azaindole and N-(2-Pyridyl)-7-azaindole: Zn(7-azaindole) ₂ (CH ₃ COO) ₂ , Zn(NPA)(CH ₃ COO) ₂ , and Zn(NPA)((S)-(+)-CH ₃ CH ₂ CH(CH ₃)COO) ₂ (NPA =) Tj ETQq000 rgBT7Overlock	0.0	0
39	Tuning the Luminescence and Electroluminescence of Diphenylboron Complexes of 5-Substituted 2-(2-Pyridyl)indoles. <i>Organometallics</i> , 2002, 21, 4743-4749.	1.1	84
40	Degradation Mechanism of Benzodithiophene-Based Conjugated Polymers when Exposed to Light in Air. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2993-2998.	4.0	83
41	Effect of mixed solvents on PCDTBT:PC70BM based solar cells. <i>Organic Electronics</i> , 2011, 12, 1788-1793.	1.4	82
42	New indolo[3,2-b]carbazole derivatives for field-effect transistor applications. <i>Journal of Materials Chemistry</i> , 2009, 19, 2921.	6.7	80
43	Molecularly Imprinted Polymeric Nanospheres by Diblock Copolymer Self-Assembly. <i>Macromolecules</i> , 2006, 39, 2629-2636.	2.2	75
44	Donor-Acceptor Oligothiophenes as Low Optical Gap Chromophores for Photovoltaic Applications. <i>Advanced Materials</i> , 2008, 20, 4810-4815.	11.1	75
45	Electroactive and Photoactive Poly[Isoindigo<i>alt</i>EDOT] Synthesized Using Direct (Hetero)Arylation Polymerization in Batch and in Continuous Flow. <i>Chemistry of Materials</i> , 2015, 27, 2137-2143.	3.2	75
46	Synthesis and Functional Properties of Donor-Acceptor π -Conjugated Oligomers. <i>Chemistry of Materials</i> , 2003, 15, 1198-1203.	3.2	73
47	Novel Stable Blue-Light-Emitting Oligofluorene Networks Immobilized by Boronic Acid Anhydride Linkages. <i>Chemistry of Materials</i> , 2003, 15, 4936-4943.	3.2	72
48	Thermodynamic Equilibrium-Driven Formation of Single-Sized Nanocrystals: Reaction Media Tuning CdSe Magic-Sized versus Regular Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2010, 114, 3329-3339.	1.5	71
49	Alternating Copolymers of Dithienyl-s-Tetrazine and Cyclopentadithiophene for Organic Photovoltaic Applications. <i>Chemistry of Materials</i> , 2011, 23, 1977-1984.	3.2	66
50	Development of a new benzo(1,2-b:4,5-b ²)dithiophene-based copolymer with conjugated dithienylbenzothiadiazole vinylene side chains for efficient solar cells. <i>Chemical Communications</i> , 2011, 47, 9381.	2.2	65
51	Synthesis and Functional Properties of Strongly Luminescent Diphenylamino End-Capped Oligophenylenes. <i>Journal of Organic Chemistry</i> , 2004, 69, 921-927.	1.7	59
52	Poly(2,7-carbazole) Derivatives as Semiconductors for Organic Thin-Film Transistors. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1798-1803.	2.0	56
53	New red-orange phosphorescent/electroluminescent cycloplatinated complexes of 2,6-bis(2-indolyl)pyridine. <i>Dalton Transactions RSC</i> , 2002, , 3234.	2.3	55
54	Impact of the Growth Conditions of Colloidal PbS Nanocrystals on Photovoltaic Device Performance. <i>Chemistry of Materials</i> , 2011, 23, 1805-1810.	3.2	55

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55	Effect of Tertiary and Secondary Phosphines on Low-Temperature Formation of Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4823-4828.	7.2	55
56	Magic-Sized Cd ₃ P ₂ II ^v Nanoparticles Exhibiting Bandgap Photoemission. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17979-17982.	1.5	54
57	Low-Temperature Approach to High-Yield and Reproducible Syntheses of High-Quality Small-Sized PbSe Colloidal Nanocrystals for Photovoltaic Applications. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 553-565.	4.0	54
58	2,3,4,5-Tetrafunctionalized Siloles: Syntheses, Structures, Luminescence, and Electroluminescence. <i>Organometallics</i> , 2004, 23, 6205-6213.	1.1	51
59	Inkjet printed thin and uniform dielectrics for capacitors and organic thin film transistors enabled by the coffee ring effect. <i>Organic Electronics</i> , 2016, 29, 114-119.	1.4	50
60	Design and Synthesis of Alternating Regioregular Oligothiophenes/Benzothiadiazole Copolymers for Organic Solar Cells. <i>Macromolecules</i> , 2009, 42, 6107-6114.	2.2	48
61	Low-Temperature Noninjection Approach to Homogeneously-Alloyed PbSe _x S _{1-x} Colloidal Nanocrystals for Photovoltaic Applications. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1511-1520.	4.0	48
62	Solution processable donor-acceptor oligothiophenes for bulk-heterojunction solar cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 2182.	6.7	47
63	Direct heteroarylation of β^2 -protected dithienosilole and dithienogermole monomers with thieno[3,4-c]pyrrole-4,6-dione and furo[3,4-c]pyrrole-4,6-dione. <i>Polymer Chemistry</i> , 2013, 4, 5252.	1.9	47
64	Naphthodithiophene-2,1,3-benzothiadiazole copolymers for bulk heterojunction solar cells. <i>Chemical Communications</i> , 2011, 47, 9471.	2.2	46
65	Self-Assembly in Ultrahigh Vacuum: Growth of Organic Thin Films with a Stable In-Plane Directional Order. <i>Journal of the American Chemical Society</i> , 1998, 120, 8563-8564.	6.6	44
66	Highly conductive and transparent carbon nanotube composite thin films deposited on polyethylene terephthalate solution dipping. <i>Thin Solid Films</i> , 2010, 518, 2822-2824.	0.8	44
67	Hole transfer from PbS nanocrystal quantum dots to polymers and efficient hybrid solar cells utilizing infrared photons. <i>Organic Electronics</i> , 2012, 13, 2773-2780.	1.4	43
68	Novel Blue Luminescent/Electroluminescent 7-Azaindole Derivatives: 1,3-Di(N-7-azaindoly)benzene, 1-Bromo-3,5-Di(N-7-azaindoly)benzene, 1,3,5-Tri(N-7-azaindoly)benzene, and 4,4'-Di(N-7-azaindoly)biphenyl. <i>Chemistry of Materials</i> , 2001, 13, 71-77.	3.2	40
69	Solvent effect and device optimization of diketopyrrolopyrrole and carbazole copolymer based solar cells. <i>Organic Electronics</i> , 2010, 11, 1053-1058.	1.4	40
70	Highly efficient thieno[3,4-c]pyrrole-4,6-dione-based solar cells processed from non-chlorinated solvent. <i>Organic Electronics</i> , 2014, 15, 543-548.	1.4	40
71	Synthesis, structure-properties of planar, end-substituted, light-emitting oligophenylenevinyls. <i>Journal of Materials Chemistry</i> , 2000, 10, 1805-1810.	6.7	38
72	Multi-H Shaped Macrocyclic Oligomers Consisting of Triphenylamine and Oligofluorene: Synthesis and Optoelectronic Properties. <i>Chemistry of Materials</i> , 2007, 19, 3309-3318.	3.2	38

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73	The Formation Mechanism of Binary Semiconductor Nanomaterials: Shared by Single-Source and Dual-Source Precursor Approaches. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11034-11039.	7.2	34
74	Flexographic printing of polycarbazole-based inverted solar cells. <i>Organic Electronics</i> , 2018, 52, 146-152.	1.4	34
75	A Dual Emissive BODIPY Dye and Its Use in Functionalizing Highly Monodispersed PbS Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11658-11662.	7.2	33
76	Increased electrophosphorescent efficiency in organic light emitting diodes by using an exciton-collecting structure. <i>Journal of Applied Physics</i> , 2005, 97, 044505.	1.1	32
77	Ambipolar Diphenylamino End-Capped Oligofluorenylthiophenes as Excellent Electron-Transporting Emitters. <i>Organic Letters</i> , 2007, 9, 3659-3662.	2.4	32
78	Bulk heterojunction solar cells based on a new low-band-gap polymer: Morphology and performance. <i>Organic Electronics</i> , 2011, 12, 1211-1215.	1.4	32
79	Nanotemplating for Two-Dimensional Molecular Imprinting. <i>Langmuir</i> , 2007, 23, 5452-5458.	1.6	30
80	Triarylamine and Tricyanovinyl End-Capped Oligothiophenes with Reduced Optical Gap for Photovoltaic Applications. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16714-16720.	1.5	29
81	Synthesis and properties of monodisperse multi-triarylamine-substituted oligothiophenes and 4,7-bis(2-oligothienyl)-2,1,3-benzothiadiazoles for organic solar cell applications. <i>Journal of Polymer Science Part A</i> , 2009, 47, 137-148.	2.5	28
82	Solution-processed annealing-free ZnO nanoparticles for stable inverted organic solar cells. <i>Organic Electronics</i> , 2014, 15, 1035-1042.	1.4	27
83	New low band gap thieno[3,4-b]thiophene-based polymers with deep HOMO levels for organic solar cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 10920.	6.7	26
84	Synthesis and Characterization of New Poly(thieno[3,4-d]thiazole) Derivatives for Photovoltaic Applications. <i>Macromolecules</i> , 2011, 44, 7184-7187.	2.2	26
85	Two-dimensional oligoarylenes: synthesis and structure-properties relationships. <i>Tetrahedron</i> , 2005, 61, 5277-5285.	1.0	24
86	High-efficiency red electrophosphorescent devices based on new osmium(II) complexes. <i>Synthetic Metals</i> , 2005, 155, 56-62.	2.1	24
87	Mechanistic Study of the Role of Primary Amines in Precursor Conversions to Semiconductor Nanocrystals at Low Temperature. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6898-6904.	7.2	24
88	Syntheses, Structures, and Electroluminescence of Ln ₂ (acac-azain) ₄ (¹ / ₄ -acac-azain) ₂ [acac-azain = 1-(N-7-azaindolyl)-1,3-butanedionato, Ln = Tb(III) and Y(III)]. <i>Inorganic Chemistry</i> , 2002, 41, 5187-5192.	1.9	23
89	Microwave assisted synthesis of CdSe nanocrystals for straightforward integration into composite photovoltaic devices. <i>Journal of Materials Chemistry</i> , 2005, 15, 4367.	6.7	22
90	Red-Green-Blue light-emitting diodes containing fluorene-based copolymers. <i>Journal of Optics</i> , 2002, 4, S252-S257.	1.5	21

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91	Self-organized phase segregation between inorganic nanocrystals and PC61BM for hybrid high-efficiency bulk heterojunction photovoltaic cells. <i>Applied Physics Letters</i> , 2010, 96, 243104.	1.5	21
92	Printing Silver Conductive Inks with High Resolution and High Aspect Ratio. <i>Advanced Materials Technologies</i> , 2018, 3, 1700321.	3.0	19
93	Weak C-H...O hydrogen bonds between diacylamidopyridine and thymine derivatives in solution and its influence on the binding constants. <i>Tetrahedron Letters</i> , 2005, 46, 6499-6502.	0.7	18
94	Electrochemical and fluorescent properties of alternating copolymers of 9,9-dioctylfluorene and oxadiazole as blue electroluminescent and electron transport materials. <i>Journal of Optics</i> , 2002, 4, S267-S272.	1.5	17
95	Design and Synthesis of Phosphorescent Iridium Containing Dendrimers for Potential Applications in Organic Light-Emitting Diodes. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1931-1941.	1.1	16
96	Direct writing of inkjet-printed short channel organic thin film transistors. <i>Organic Electronics</i> , 2017, 51, 485-489.	1.4	16
97	A passive matrix addressed organic electroluminescent display using a stack of insulators as row separators. <i>Synthetic Metals</i> , 2000, 113, 155-159.	2.1	15
98	High-efficiency multilayer polymeric blue light-emitting diodes using boronate esters as cross-linking linkages. <i>Journal of Materials Chemistry</i> , 2006, 16, 593-601.	6.7	15
99	A Stretchable Multimode Triboelectric Nanogenerator for Energy Harvesting and Self-Powered Sensing. <i>Advanced Materials Technologies</i> , 2022, 7, 2100870.	3.0	15
100	Syntheses, Phase Behavior, Supramolecular Chirality, and Field-Effect Carrier Mobility of Asymmetrically End-Capped Mesogenic Oligothiophenes. <i>Chemistry - A European Journal</i> , 2009, 15, 3474-3487.	1.7	14
101	Near-Infrared-II Photodetectors Based on Silver Selenide Quantum Dots on Mesoporous TiO ₂ Scaffolds. <i>ACS Applied Nano Materials</i> , 2020, 3, 12209-12217.	2.4	14
102	Inkjet printable and low annealing temperature gate-dielectric based on polymethylsilsesquioxane for flexible n-channel OFETs. <i>Organic Electronics</i> , 2016, 30, 213-218.	1.4	12
103	Luminescence properties of end-substituted oligo(phenylenevinylene)s. <i>Synthetic Metals</i> , 2000, 111-112, 417-420.	2.1	11
104	Ag ₂ Te Colloidal Quantum Dots for Near-Infrared-II Photodetectors. <i>ACS Applied Nano Materials</i> , 2021, 4, 13587-13601.	2.4	11
105	In-plane alignment of noncentrosymmetric molecules by oblique-incidence molecular beam deposition. <i>Applied Physics Letters</i> , 1999, 74, 3110-3112.	1.5	10
106	Synthesis of novel Ir complexes and their application in organic light emitting diodes. <i>Synthetic Metals</i> , 2006, 156, 525-528.	2.1	10
107	Luminescent Dendrons with Oligo(phenylenevinylene) Core Branches and Oligo(ethylene oxide) Terminal Chains. <i>Macromolecules</i> , 2005, 38, 9389-9392.	2.2	9
108	Synthesis of oligofluorene modified C60 derivatives for organic solar cell applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 4953.	6.7	9

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109	Direct observation of $\pm\hat{\Gamma}^2$ phase transition in KNbWO ₉ by transmission electron microscopy. <i>Physica Status Solidi A</i> , 1988, 109, 435-444.	1.7	8
110	Screen printing RF antennas. , 2016, , .		8
111	Improving the Q -Factor of Printed HF RFID Loop Antennas on Flexible Substrates by Condensing the Microstructures of Conductors. <i>IEEE Journal of Radio Frequency Identification</i> , 2018, 2, 111-116.	1.5	8
112	Film thickness measurement and linear dichroism of organic thin films prepared by molecular beam deposition at oblique incidence. <i>Optical Materials</i> , 1999, 12, 345-350.	1.7	7
113	Efficient fabrication of highly conductive and transparent carbon nanotube thin films on polymer substrates. <i>Journal of Materials Science</i> , 2011, 46, 3399-3404.	1.7	7
114	Screen Printed HF RFID Antennas on Polyethylene Terephthalate Film. <i>IEEE Journal of Radio Frequency Identification</i> , 2019, 3, 91-97.	1.5	7
115	Thermochromic and Photovoltaic Properties of an Alternating Copolymer of Dithieno[3,2- <i>b</i> :5,6- <i>b'</i>]thiophene and Thieno[3,4- <i>c</i>]pyrrole-4,6-dione. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 447-452.		6
116	Inkjet-printed unipolar n-type transistors on polymer substrates based on dicyanomethylene-substituted diketopyrrolopyrrole quinoidal compounds. <i>Organic Electronics</i> , 2018, 63, 267-275.	1.4	6
117	Changes in Optimal Ternary Additive Loading when Processing Large Area Organic Photovoltaics by Spin-coating versus Blade-coating Methods. <i>Solar Rrl</i> , 2021, 5, 2100432.	3.1	6
118	New triscyclometalated iridium complexes for applications in phosphorescent light-emitting diodes. <i>Synthetic Metals</i> , 2008, 158, 95-103.	2.1	5
119	Improved Circuit Model Fitting of Inkjet-Printed OTFTs and a Proposal for Standardized Parameter Reporting. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 2485-2491.	1.6	5
120	Rapid Switching and High Contrast Electrochromic Property by Electrochemical Reduction of an Alternating Copolymer of Fluorene and Oxadiazole. <i>Journal of Physical Chemistry C</i> , 2010, 114, 5168-5173.	1.5	4
121	Printing Contractive Silver Conductive Inks Using Interface Interactions to Overcome Dewetting. <i>IEEE Journal of the Electron Devices Society</i> , 2019, 7, 756-760.	1.2	4
122	Optimizing the Electrical Conductivity of Screen Printed Silver Conductive Tracks by Post Treatment. , 2018, , .		3
123	Pyrazine as a noncovalent conformational lock in semiconducting polymers for enhanced charge transport and stability in thin film transistors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11507-11514.	2.7	3
124	TEM STUDY OF DEFECTS IN HIGH T _c SUPERCONDUCTOR SINGLE CRYSTAL YBa ₂ Cu ₃ O ₇ . <i>International Journal of Modern Physics B</i> , 1987, 01, 315-318.	1.0	2
125	Highly transparent and conductive carbon nanotube coatings deposited on flexible polymer substrate by solution method. , 2010, , .		2
126	Flexo printed sol-gel derived vanadium oxide films as an interfacial hole-transporting layer for organic solar cells. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2

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127	Manufacturability of a Printed Resistance-Based Multiplexing Scheme for Smart Drug Packaging. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2016, 6, 335-345.	1.4	2
128	Printed Sensors for Building Management. , 2018, , .		2
129	Ink formulation for organic photovoltaic active layers using non-halogenated main solvent for blade coating process. Synthetic Metals, 2020, 269, 116513.	2.1	2
130	Communicationâ€™Phosphoric Acid Based Proton Conducting Polymer Electrolytes for Organic Field Effect Transistor Gate Dielectrics. ECS Journal of Solid State Science and Technology, 2021, 10, 055003.	0.9	2
131	Synthesis of Monodisperse Silver Chalcogenide Quantum Dots with Elevated Precursor Reactivity for the Application in Near Infrared Photodetectors. , 2019, , .		2
132	Excitonic effect in black phosphorus oxides. 2D Materials, 2022, 9, 015007.	2.0	2
133	Design of ternary additive for organic photovoltaics: a cautionary tale. RSC Advances, 2022, 12, 10029-10036.	1.7	2
134	Printing Contractive Silver Conductive Inks Using Interface Interactions to Overcome Dewetting. , 2018, , .		1
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