Keisuke Tajima

List of Publications by Citations

140 papers	7,960 citations	46 h-index	87 g-index
143 ext. papers	8,534 ext. citations	8.8 avg, IF	6.2 L-index

#	Paper	IF	Citations
140	Self-powered ultra-flexible electronics via nano-grating-patterned organic photovoltaics. *Nature*, **2018**, 561, 516-521	50.4	468
139	Extrusion polymerization: catalyzed synthesis of crystalline linear polyethylene nanofibers within a mesoporous silica. *Science*, **1999**, 285, 2113-5	33.3	406
138	All-polymer solar cells from perylene diimide based copolymers: material design and phase separation control. *Angewandte Chemie - International Edition*, **2011**, 50, 2799-803	16.4	379
137	Synthesis and Photovoltaic Properties of Diketopyrrolopyrrole-Based Donor−Acceptor Copolymers. *Chemistry of Materials*, **2009**, 21, 4055-4061	9.6	273
136	Efficient Charge Collection with ZnO Nanorod Array in Hybrid Photovoltaic Devices. *Journal of Physical Chemistry C*, **2007**, 111, 7218-7223	3.8	255
135	Tailoring organic heterojunction interfaces in bilayer polymer photovoltaic devices. *Nature Materials*, **2011**, 10, 450-5	27	246
134	Self-Organized Buffer Layers in Organic Solar Cells. *Advanced Materials*, **2008**, 20, 2211-2216	24	229
133	Synthesis of all-conjugated diblock copolymers by quasi-living polymerization and observation of their microphase separation. *Journal of the American Chemical Society*, **2008**, 130, 7812-3	16.4	227
132	Synthesis and Photovoltaic Properties of a Novel Low Band Gap Polymer Based on N-Substituted Dithieno[3,2-b:2?,3?-d]pyrrole. *Macromolecules*, **2008**, 41, 8302-8305	5.5	219
131	Control of miscibility and aggregation via the material design and coating process for high-performance polymer blend solar cells. *Advanced Materials*, **2013**, 25, 6991-6	24	192
130	Morphological Stabilization of Polymer Photovoltaic Cells by Using Cross-Linkable Poly(3-(5-hexenyl)thiophene). *Macromolecules*, **2009**, 42, 1610-1618	5.5	175
129	Diketopyrrolopyrrole-Based Semiconducting Polymer for Photovoltaic Device with Photocurrent Response Wavelengths up to 1.1 μm. *Macromolecules*, **2010**, 43, 821-826	5.5	173
128	Template synthesis of polypyrrole nanofibers insulated within one-dimensional silicate channels: hexagonal versus lamellar for recombination of polarons into bipolarons. *Angewandte Chemie - International Edition*, **2003**, 42, 2154-7	16.4	166
127	Controlled polymerizations with constrained geometries. *Chemical Communications*, **2000**, 2399-2412	5.8	166
126	Independent Tuning of the Band Gap and Redox Potential of Graphene Quantum Dots. *Journal of Physical Chemistry Letters*, **2011**, 2, 1119-24	6.4	164
125	Self-assembly and luminescence of oligo(p-phenylene vinylene) amphiphiles. *Journal of the American Chemical Society*, **2005**, 127, 366-72	16.4	160
124	Efficiency enhancement of polymer photovoltaic devices hybridized with ZnO nanorod arrays by the introduction of a vanadium oxide buffer layer. *Applied Physics Letters*, **2008**, 93, 063308	3.4	151

123	Simultaneously Achieved High Open-Circuit Voltage and Efficient Charge Generation by Fine-Tuning Charge-Transfer Driving Force in Nonfullerene Polymer Solar Cells. *Advanced Functional Materials*, **2018**, 28, 1704507	15.6	147
122	Fullerene attached all-semiconducting diblock copolymers for stable single-component polymer solar cells. *Chemical Communications*, **2010**, 46, 6723-5	5.8	123
121	Synthesis and Photovoltaic Properties of Donor−Acceptor Copolymers Based on 5,8-Dithien-2-yl-2,3-diphenylquinoxaline. *Chemistry of Materials*, **2010**, 22, 4890-4895	9.6	123
120	Design and Synthesis of TiO2 Nanorod Assemblies and Their Application for Photovoltaic Devices. *Chemistry of Materials*, **2006**, 18, 5080-5087	9.6	109
119	Nanostructure Formation in Poly(3-hexylthiophene-block-3-(2-ethylhexyl)thiophene)s. *Macromolecules*, **2009**, 42, 7008-7015	5.5	108
118	All-Polymer Solar Cell with High Near-Infrared Response Based on a Naphthodithiophene Diimide (NDTI) Copolymer. *ACS Macro Letters*, **2014**, 3, 872-875	6.6	105
117	Conjugated materials containing dithieno[3,2-b:2?,3?-d]pyrrole and its derivatives for organic and hybrid solar cell applications. *Journal of Materials Chemistry A*, **2019**, 7, 64-96	13	104
116	Introduction of a conjugated side chain as an effective approach to improving donor−acceptor photovoltaic polymers. *Energy and Environmental Science*, **2012**, 5, 9756	35.4	104
115	Synthesis of Thieno[3,4-b]pyrazine-Based and 2,1,3-Benzothiadiazole-Based Donor−Acceptor Copolymers and their Application in Photovoltaic Devices. *Macromolecules*, **2010**, 43, 2873-2879	5.5	99
114	Band gap and molecular energy level control of perylene diimide-based donor−acceptor copolymers for all-polymer solar cells. *Journal of Materials Chemistry*, **2010**, 20, 2362		98
113	Synthesis and application of poly(fluorene-alt-naphthalene diimide) as an n-type polymer for all-polymer solar cells. *Chemical Communications*, **2012**, 48, 5283-5	5.8	90
112	Indolo[3,2-b]carbazole-based alternating donor−acceptor copolymers: synthesis, properties and photovoltaic application. *Journal of Materials Chemistry*, **2009**, 19, 7730		90
111	Organic Planar Heterojunctions: From Models for Interfaces in Bulk Heterojunctions to High-Performance Solar Cells. *Advanced Materials*, **2017**, 29, 1603269	24	85
110	A Benzoselenadiazole-Based Low Band Gap Polymer: Synthesis and Photovoltaic Application. *Macromolecules*, **2013**, 46, 763-768	5.5	76
109	Bilayer ambipolar organic thin-film transistors and inverters prepared by the contact-film-transfer method. *ACS Applied Materials & Interfaces*, **2009**, 1, 1865-8	9.5	76
108	Surface-segregated monolayers: a new type of ordered monolayer for surface modification of organic semiconductors. *Journal of the American Chemical Society*, **2009**, 131, 17597-604	16.4	75
107	Preparation of active layers in polymer solar cells by aerosol jet printing. *ACS Applied Materials & Interfaces*, **2011**, 3, 4053-8	9.5	72
106	Comparison among Perylene Diimide (PDI), Naphthalene Diimide (NDI), and Naphthodithiophene Diimide (NDTI) Based n-Type Polymers for All-Polymer Solar Cells Application. *Macromolecules*, **2017**, 50, 3179-3185	5.5	70

105	Naphthodithiophene Diimide-Based Copolymers: Ambipolar Semiconductors in Field-Effect Transistors and Electron Acceptors with Near-Infrared Response in Polymer Blend Solar Cells. *Macromolecules*, **2016**, 49, 1752-1760	5.5	65
104	Supramolecular formation of fibrous nanostructure in donor□cceptor dyad film. *Journal of Materials Chemistry*, **2007**, 17, 2440-2445		64
103	Controlled Synthesis of Fullerene-Attached Poly(3-alkylthiophene)-Based Copolymers for Rational Morphological Design in Polymer Photovoltaic Devices. *Macromolecules*, **2012**, 45, 6424-6437	5.5	62
102	Efficient dyad-based organic solar cells with a highly crystalline donor group. *Chemical Communications*, **2009**, 2469-71	5.8	62
101	Enhanced charge transport in polymer thin-film transistors prepared by contact film transfer method. *ACS Applied Materials & Interfaces*, **2009**, 1, 2660-6	9.5	60
100	Mesoporous Zeolite as a New Class of Catalyst for Controlled Polymerization of Lactones. *Macromolecules*, **1998**, 31, 4069-4073	5.5	59
99	End-on orientation of semiconducting polymers in thin films induced by surface segregation of fluoroalkyl chains. *Journal of the American Chemical Society*, **2013**, 135, 9644-7	16.4	58
98	Anatomy of the energetic driving force for charge generation in organic solar cells. *Nature Communications*, **2019**, 10, 2520	17.4	57
97	Low band gap polymers for photovoltaic device with photocurrent response wavelengths over 1000nm. *Polymer*, **2013**, 54, 6501-6509	3.9	52
96	Polymer Photovoltaic Devices Using Fully Regioregular Poly[(2-methoxy-5-(3?,7?-dimethyloctyloxy))-1,4-phenylenevinylene]. *Journal of Physical Chemistry C* , **2008**, 112, 8507-8510	3.8	49
95	Dominant effects of first monolayer energetics at donor/acceptor interfaces on organic photovoltaics. *Advanced Materials*, **2015**, 27, 3025-31	24	47
94	Interfacial modification of organic photovoltaic devices by molecular self-organization. *Physical Chemistry Chemical Physics*, **2012**, 14, 3713-24	3.6	44
93	Buffer layer formation in organic photovoltaic cells by self-organization of poly(dimethylsiloxane)s. *Organic Electronics*, **2009**, 10, 511-514	3.5	43
92	Enhancement of VOC without Loss of JSC in Organic Solar Cells by Modification of Donor/Acceptor Interfaces. *Advanced Energy Materials*, **2014**, 4, 1301332	21.8	42
91	Haptacyclic Carbazole-Based Ladder-Type Nonfullerene Acceptor with Side-Chain Optimization for Efficient Organic Photovoltaics. *ACS Applied Materials & Interfaces*, **2017**, 9, 42035-42042	9.5	37
90	Efficient charge generation and collection in organic solar cells based on low band gap dyad molecules. *Chemical Communications*, **2011**, 47, 6365-7	5.8	37
89	Highly uniaxial orientation in oligo(p-phenylenevinylene) films induced during wet-coating process. *Journal of the American Chemical Society*, **2009**, 131, 2464-5	16.4	37
88	Hybrid solution-processed bulk heterojunction solar cells based on bismuth sulfide nanocrystals. *Physical Chemistry Chemical Physics*, **2013**, 15, 5482-7	3.6	36

87	Crystallization-Induced Energy Level Change of [6,6]-Phenyl-C61-Butyric Acid Methyl Ester (PCBM) Film: Impact of Electronic Polarization Energy. *Journal of Physical Chemistry C*, **2015**, 119, 23-28	3.8	36
86	Roles of Energy/Charge Cascades and Intermixed Layers at Donor/Acceptor Interfaces in Organic Solar Cells. *Scientific Reports*, **2016**, 6, 29529	4.9	35
85	High Energy Efficiency and Stability for Photoassisted Aqueous Lithium□Iodine Redox Batteries. *ACS Energy Letters*, **2016**, 1, 806-813	20.1	35
84	Electric field-induced dipole switching at the donor/acceptor interface in organic solar cells. *Advanced Materials*, **2013**, 25, 1071-5	24	34
83	Dipole Layer Formation by Surface Segregation of Regioregular Poly(3-alkylthiophene) with Alternating Alkyl/Semifluoroalkyl Side Chains. *Chemistry of Materials*, **2011**, 23, 4257-4263	9.6	34
82	Synthesis of Regioregular Poly(p-phenylenevinylene)s by Horner Reaction and Their Regioregularity Characterization. *Macromolecules*, **2007**, 40, 6521-6528	5.5	32
81	Nanostructured oligo(p-phenylene vinylene)/silicate hybrid films: one-step fabrication and energy transfer studies. *Journal of the American Chemical Society*, **2006**, 128, 5488-95	16.4	32
80	Conjugated Polymers Based on 1,3-Dithien-2-yl-thieno[3,4-c]pyrrole-4,6-dione: Synthesis, Characterization, and Solvent Effects on Photovoltaic Performance. *Journal of Physical Chemistry C*, **2012**, 116, 2608-2614	3.8	31
79	Highly efficient organic photovoltaics with enhanced stability through the formation of doping-induced stable interfaces. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 6391-6397	11.5	30
78	Synthesis and Photovoltaic Properties of Donor□Acceptor Copolymer Based on Dithienopyrrole and Thienopyrroledione. *Macromolecular Chemistry and Physics*, **2011**, 212, 305-310	2.6	30
77	Charge Generation and Recombination in Fullerene-Attached Poly(3-hexylthiophene)-Based Diblock Copolymer Films. *Journal of Physical Chemistry C*, **2014**, 118, 10584-10589	3.8	29
76	High-performance polymer photovoltaic devices with inverted structure prepared by thermal lamination. *Solar Energy Materials and Solar Cells*, **2009**, 93, 1681-1684	6.4	29
75	Charge Separation Interfaces in Polymer Photovoltaic Devices Hybridized with ZnO Nanorod Arrays. *Japanese Journal of Applied Physics*, **2008**, 47, 8049-8053	1.4	28
74	Physicochemical study of discotic liquid crystal decacyclene derivative and utilization in polymer photovoltaic devices. *Synthetic Metals*, **2007**, 157, 290-296	3.6	28
73	Morphological stability of organic solar cells based upon an oligo(p-phenylenevinylene)-C70 dyad. *Physical Chemistry Chemical Physics*, **2012**, 14, 16138-42	3.6	27
72	Bis(naphthothiophene diimide)indacenodithiophenes as Acceptors for Organic Photovoltaics. *Chemistry of Materials*, **2017**, 29, 9618-9622	9.6	26
71	Synthesis and characterizations of regioregular poly(3-alkylthiophene) with alternating dodecyl/1H,1H,2H,2H-perfluorooctyl side chains. *Macromolecular Rapid Communications*, **2011**, 32, 1478-83	4.8	25
70	Modulating the Symmetry of Benzodithiophene by Molecular Tailoring for the Application in Naphthalene Diimide-Based N-Type Photovoltaic Polymers. *Solar Rrl*, **2018**, 2, 1700230	7.1	24

69	Facile preparation of nanoelectrode ensembles using amphiphilic block copolymer film. *Langmuir*, **2005**, 21, 11592-5	4	24
68	Enhanced vertical carrier mobility in poly(3-alkylthiophene) thin films sandwiched between self-assembled monolayers and surface-segregated layers. *Chemical Communications*, **2014**, 50, 3627-30	5.8	23
67	Polymer bulk heterojunction photovoltaic devices with multilayer structures prepared by thermal lamination. *ACS Applied Materials & Interfaces*, **2009**, 1, 2703-6	9.5	23
66	Noncentrosymmetric Columnar Liquid Crystals with the Bulk Photovoltaic Effect for Organic Photodetectors. *Journal of the American Chemical Society*, **2020**, 142, 3326-3330	16.4	21
65	Mesoporous Zeolite as a New Catalyst for Polymerization of Lactones. *Polymer Journal*, **1999**, 31, 1005-1008	2.7	21
64	Improved electronic coupling in hybrid organic-inorganic nanocomposites employing thiol-functionalized P3HT and bismuth sulfide nanocrystals. *Nanoscale*, **2014**, 6, 10018-26	7.7	20
63	Synthesis and properties of D□A copolymers based on dithienopyrrole and benzothiadiazole with various numbers of thienyl units as spacers. *Polymer Chemistry*, **2014**, 5, 6797-6803	4.9	20
62	The effect of crystallinity in donor groups on the performance of photovoltaic devices based on an oligothiophene-fullerene dyad. *Nanotechnology*, **2008**, 19, 424017	3.4	20
61	Novel molecularly hybridized polyethylene/silica composite materials: Polymerization of ethylene with supported titanocenes by mesoporous silicates. *Journal of Polymer Science Part A*, **2000**, 38, 4821-4825	2.5	20
60	Crystallization and Polymorphism of Organic Semiconductor in Thin Film Induced by Surface Segregated Monolayers. *Scientific Reports*, **2018**, 8, 481	4.9	19
59	Electrical instability of polymer thin-film transistors using contact film transfer methods. *Applied Physics Letters*, **2010**, 96, 243301	3.4	19
58	A low band gap n-type polymer based on dithienosilole and naphthalene diimide for all-polymer solar cells application. *Polymer*, **2015**, 63, 164-169	3.9	18
57	Experimental investigation of charge carrier transport in organic thin-film transistors with "buried surface layers". *ACS Applied Materials & Interfaces*, **2011**, 3, 139-42	9.5	18
56	Cumulative gain in organic solar cells by using multiple optical nanopatterns. *Journal of Materials Chemistry A*, **2017**, 5, 10347-10354	13	17
55	Macromolecular synthesis using mesoporous zeolites. *Macromolecular Symposia*, **2000**, 157, 137-142	0.8	17
54	An amorphous N-type polymer based on perylenediimide and selenophene for all-polymer solar cells application. *Materials Today Communications*, **2015**, 4, 16-21	2.5	16
53	Effects of end-on oriented polymer chains at the donor/acceptor interface in organic solar cells. *Journal of Materials Chemistry A*, **2018**, 6, 22889-22898	13	16
52	Effects of Inserting Thiophene as a □Bridge on the Properties of Naphthalene Diimide-alt-Fused Thiophene Copolymers. *ACS Applied Materials & Interfaces*, **2017**, 9, 44070-44078	9.5	15

51	Fullerene-free organic photovoltaics based on unconventional material combination: a molecular donor and polymeric acceptors. *Journal of Materials Chemistry A*, **2015**, 3, 22325-22331	13	14
50	Optical anisotropy and strong H-aggregation of poly(3-alkylthiophene) in a surface monolayer. *Advanced Materials*, **2015**, 27, 6014-20	24	14
49	Synthesis and Characterization of End-Functionalized Poly(3-butylthiophene) with Semifluoroalkyl Chains. *Macromolecular Chemistry and Physics*, **2013**, 214, 1326-1331	2.6	14
48	Synthesis and Characterization of Regioregular Cyano-Substituted Poly(p-phenylenevinylene). *Macromolecules*, **2009**, 42, 1785-1788	5.5	14
47	Organic Solar Cells with Controlled Nanostructures Based on Microphase Separation of Fullerene-Attached Thiophene-Selenophene Heteroblock Copolymers. *ACS Applied Materials & Interfaces*, **2017**, 9, 4758-4768	9.5	13
46	Effects of Chain Orientation in Self-Organized Buffer Layers Based on Poly(3-alkylthiophene)s for Organic Photovoltaics. *ACS Applied Materials & Interfaces*, **2018**, 10, 8901-8908	9.5	13
45	Interface-induced crystallization and nanostructure formation of [6,6]-phenyl-C61-butyric acid methyl ester (PCBM) in polymer blend films and its application in photovoltaics. *Journal of Materials Chemistry A*, **2016**, 4, 3335-3341	13	13
44	Look beyond the surface: recent progress in applications of surface-segregated monolayers for organic electronics. *Polymer Journal*, **2019**, 51, 1117-1126	2.7	13
43	Field-effect hole mobility of poly(3-hexylthiophene-block-3-(2-ethylhexyl)thiophene)s. *Synthetic Metals*, **2011**, 161, 225-228	3.6	13
42	Low Bandgap Polymers Based on Regioregular Oligothiophenes Linked with Electron Accepting Units. *Macromolecules*, **2011**, 44, 4222-4229	5.5	12
41	Porphyrin-Containing Polymer as a Superior Blue Light-Absorbing Additive To Afford High- J Ternary Solar Cells. *ACS Applied Materials & Interfaces*, **2019**, 11, 1156-1162	9.5	12
40	Intermolecular Arrangement of Fullerene Acceptors Proximal to Semiconducting Polymers in Mixed Bulk Heterojunctions. *Angewandte Chemie - International Edition*, **2018**, 57, 7034-7039	16.4	11
39	Surface functionalization of organic semiconductor films by segregated monolayers. *Physical Chemistry Chemical Physics*, **2014**, 16, 16383-7	3.6	11
38	Quantitative Evaluation of Molecular Diffusion in Organic Planar Heterojunctions by Time-of-Flight Secondary Ion Mass Spectroscopy. *ACS Omega*, **2018**, 3, 1522-1528	3.9	10
37	Synthesis, characterization, and photovoltaic properties of diketopyrrolopyrrole-oligothiophene/fullerene dyads. *Synthetic Metals*, **2012**, 162, 2201-2205	3.6	10
36	Two isomeric perylenothiophene diimides: physicochemical properties and applications in organic semiconducting devices. *Journal of Materials Chemistry C*, **2019**, 7, 2267-2275	7.1	9
35	Nanograting Structured Ultrathin Substrate for Ultraflexible Organic Photovoltaics. *Small Methods*, **2020**, 4, 1900762	12.8	9
34	Donor/Acceptor Interface Modifications in Organic Solar Cells. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]*, **2013**, 26, 181-184	0.7	9

33	Inside-fused perylenediimide dimers with planar structures for high-performance fullerene-free organic solar cells. *RSC Advances*, **2017**, 7, 13749-13753	3.7	8
32	Nanostructure control in polymer solar cells by self-organization. *Chemical Record*, **2011**, 11, 8-17	6.6	8
31	Quantifying charge carrier density in organic solar cells by differential charging techniques. *AIP Advances*, **2019**, 9, 125205	1.5	8
30	Direct Aqueous Dispersion of Carbon Nanotubes Using Nanoparticle-Formed Fullerenes and Self-Assembled Formation of p/n Heterojunctions with Polythiophene. *ACS Omega*, **2017**, 2, 1625-1632	3.9	7
29	Synthesis of copolymer based on naphthalene diimide connected with a non-conjugated flexible linker. *Synthetic Metals*, **2013**, 175, 9-14	3.6	7
28	End-group stannylation of regioregular poly(3-hexylthiophene)s. *Polymer Journal*, **2012**, 44, 1145-1148	2.7	7
27	Effects of Molecular Orientation of a Fullerene Derivative at the Donor/Acceptor Interface on the Device Performance of Organic Photovoltaics. *Chemistry of Materials*, **2018**, 30, 8233-8243	9.6	7
26	Conjugation Effects of Oligo(thienylenevinylene) Side Chains in Semiconducting Polymers on Photovoltaic Performance. *Macromolecules*, **2017**, 50, 3557-3564	5.5	6
25	Phytol-Derived Alkyl Side Chains for Conjugated Semiconducting Polymers. *Chemistry of Materials* , **2019**, 31, 2097-2105	9.6	6
24	Face-on reorientation of conjugated polymers in thin films by surface-segregated monolayers. *Journal of Materials Chemistry A*, **2020**, 8, 6268-6275	13	6
23	Synthesis of diketopyrrolopyrrole-based polymers with polydimethylsiloxane side chains and their application in organic field-effect transistors. *Royal Society Open Science*, **2018**, 5, 172025	3.3	6
22	Synthesis and photovoltaic application of donor cceptor type copolymers containing 9-cyanomethylenefluorene derivatives with chemically tunable electronic properties. *Synthetic Metals*, **2011**, 161, 1289-1298	3.6	6
21	Immobilization of Ethynyl-Extended Electron Acceptors with Amino-Terminated SAMs by Catalyst-Free Click Reaction. *Chemistry - A European Journal*, **2020**, 26, 15931-15937	4.8	6
20	Highly Sensitive Evaluation of Density of States in Molecular Semiconductors by Photoelectron Yield Spectroscopy in Air. *ACS Applied Materials & Interfaces*, **2021**, 13, 28574-28582	9.5	6
19	Poly(4-hexyloxythiazole): A new low band gap semiconductor for polymer electronics. *Synthetic Metals*, **2014**, 196, 139-144	3.6	5
18	Effects of a side chain sequence on surface segregation of regioregular poly(3-alkylthiophene) and interfacial modification of bilayer organic photovoltaic devices. *Journal of Materials Chemistry A*, **2013**, 1, 11867	13	5
17	Ultrathin and Efficient Organic Photovoltaics with Enhanced Air Stability by Suppression of Zinc Element Diffusion.. *Advanced Science*, **2022**, e2105288	13.6	5
16	Photocatalytic Printing of Nanostructures on TiO2 Using Diblock Copolymer. *Chemistry of Materials*, **2006**, 18, 1386-1389	9.6	4

15	Synthesis of Poly(3-butylthiophene) with Trisiloxane End Group and Its Surface Segregation Behavior in Thin Films. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]* , **2018**, 31, 151-156	0.7	4
14	Reduction of Electric Current Loss by Aggregation-Induced Molecular Alignment of a Non-Fullerene Acceptor in Organic Photovoltaics. *ACS Applied Materials & Interfaces*, **2021**,	9.5	4
13	Surface Analysis of Native Spider Draglines by FE-SEM and XPS. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 231	5.8	3
12	Separated crystallization of donor and acceptor in oligo(p-phenylenevinylene)-naphthalenediimide dyad films. *Synthetic Metals*, **2014**, 197, 175-181	3.6	3
11	High Sensitivity Tuning of Work Function of Self-Assembled Monolayers Modified Electrodes Using Vacuum Ultraviolet Treatment. *ACS Applied Materials & Interfaces*, **2017**, 9, 28151-28156	9.5	3
10	Effects of block length in copolymers based on regioregular oligothiophenes linked with electron-accepting units. *Macromolecular Rapid Communications*, **2012**, 33, 658-63	4.8	3
9	Surface-induced enantiomorphic crystallization of achiral fullerene derivatives in thin films. *Chemical Science*, **2020**, 11, 4702-4708	9.4	2
8	Drawing organic photovoltaics using paint marker pens. *AIP Advances*, **2017**, 7, 115002	1.5	1
7	Mesostructured Materials for Controlled Macromolecular and Supramolecular Architectures. *Studies in Surface Science and Catalysis*, **2003**, 146, 517-522	1.8	1
6	Triphenyleno[1,2-:7,8-ʃbis([1,2,5]thiadiazole) as a V-Shaped Electron-Deficient Unit to Construct Wide-Bandgap Amorphous Polymers for Efficient Organic Solar Cells. *ACS Applied Materials & Interfaces*, **2021**, 13, 57743-57749	9.5	1
5	Modification of Donor/Acceptor Interface for Efficient Organic Photovoltaics. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]*, **2016**, 29, 533-536	0.7	1
4	Inversion of Circular Dichroism Signals in Chiral Polythiophene Films Induced by End-On-Oriented Surface-Segregated Monolayers. *ACS Applied Materials & Interfaces*, **2021**, 13, 7510-7516	9.5	0
3	Essential Role of Triplet Diradical Character for Large Magnetoresistance in Quinoidal Organic Semiconductor with High Electron Mobility.. *Advanced Science*, **2022**, e2201045	13.6	0
2	Control of molecular orientations by sequential deposition to enhance organic photovoltaic performance. *Materials Chemistry and Physics*, **2022**, 281, 125849	4.4	0
1	Intermolecular Arrangement of Fullerene Acceptors Proximal to Semiconducting Polymers in Mixed Bulk Heterojunctions. *Angewandte Chemie*, **2018**, 130, 7152-7157	3.6	