Olle W IngÃ¤nas

List of Publications by Year
in descending order

463	45,443	1893	2509
papers	citations	102 h-index	196 g-index

468	468	468	25916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Waterâ€inâ€Polymer Salt Electrolyte for Slow Selfâ€Discharge in Organic Batteries. Advanced Energy and Sustainability Research, 2022, 3, .	5.8	21
2	Black Charcoal for Green and Scalable Wooden Electrodes for Supercapabatteries. Energy Technology, 2022, 10, .	3.8	1
3	Highâ€Throughput Screening of Bladeâ€Coated Polymer:Polymer Solar Cells: Solvent Determines Achievable Performance. ChemSusChem, 2022, 15, .	6.8	9
4	Towards printable water-in-polymer salt electrolytes for high power organic batteries. Journal of Power Sources, 2022, 524, 231103.	7.8	11
5	Matching electron transport layers with a non-halogenated and low synthetic complexity polymer:fullerene blend for efficient outdoor and indoor organic photovoltaics. Journal of Materials Chemistry A, 2022, 10, 10768-10779.	10.3	9
6	Living diatoms integrate polysaccharide-Eu3+ complex for UV downconversion. Journal of Materials Research and Technology, 2022, 19, 2774-2780.	5.8	1
7	UV-protection and fluorescence properties of the exoskeleton obtained from a living diatom modified by an Eu3+-complex. Journal of Materials Chemistry C, 2021, 9, 10005-10012.	5.5	1
8	Self-discharge study of lignin/graphite hybrid material electrodes. Electrochimica Acta, 2021, 371, 137836.	5.2	10
9	Bio Based Batteries. Advanced Energy Materials, 2021, 11, 2003713.	19.5	19
10	A unified description of non-radiative voltage losses in organic solar cells. Nature Energy, 2021, 6, 799-806.	39.5	235
11	In Situ Optical Studies on Morphology Formation in Organic Photovoltaic Blends. Small Methods, 2021, 5, e2100585.	8.6	21
12	Non-conjugated natural alginate as electron-transport layer for high performance polymer solar cells after modification. Journal of Power Sources, 2021, 510, 230408.	7.8	3
13	17.25% high efficiency ternary solar cells with increased open-circuit voltage using a high HOMO level small molecule guest donor in a PM6:Y6 blend. Journal of Materials Chemistry A, 2021, 9, 20493-20501.	10.3	24
14	Dedoping-induced interfacial instability of poly(ethylene imine)s-treated PEDOT:PSS as a low-work-function electrode. Journal of Materials Chemistry C, 2020, 8, 328-336.	5.5	19
15	Over 14% efficiency all-polymer solar cells enabled by a low bandgap polymer acceptor with low energy loss and efficient charge separation. Energy and Environmental Science, 2020, 13, 5017-5027.	30.8	170
16	Effect of Sulfonation Level on Lignin/Carbon Composite Electrodes for Large-Scale Organic Batteries. ACS Sustainable Chemistry and Engineering, 2020, 8, 17933-17944.	6.7	15
17	Microfluidicâ€Assisted Blade Coating of Compositional Libraries for Combinatorial Applications: The Case of Organic Photovoltaics. Advanced Energy Materials, 2020, 10, 2001308.	19.5	12
18	Organic Eu3+-complex-anchored porous diatomite channels enable UV protection and down conversion in hybrid material. Science and Technology of Advanced Materials, 2020, 21, 726-736.	6.1	3

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19	Doped Conjugated Polymer Enclosing a Redox Polymer: Wiring Polyquinones with Poly(3,4â€Ethylenedioxythiophene). Advanced Energy and Sustainability Research, 2020, 1, 2000027.	5.8	14
20	A DNA and Self-Doped Conjugated Polyelectrolyte Assembled for Organic Optoelectronics and Bioelectronics. Biomacromolecules, 2020, 21, 1214-1221.	5.4	13
21	Allâ€Polymer Highâ€Performance Photodetector through Lamination. Advanced Electronic Materials, 2020, 6, 1901017.	5.1	30
22	Reduced Nonradiative Voltage Loss in Terpolymer Solar Cells. Journal of Physical Chemistry Letters, 2020, 11, 3796-3802.	4.6	6
23	Vibronic coherence contributes to photocurrent generation in organic semiconductor heterojunction diodes. Nature Communications, 2020, 11, 617.	12.8	28
24	Wide-gap non-fullerene acceptor enabling high-performance organic photovoltaic cells for indoor applications. Nature Energy, 2019, 4, 768-775.	39.5	407
25	Lessons Learned in Organic Optoelectronics. Chemistry of Materials, 2019, 31, 6309-6314.	6.7	3
26	Photovoltage loss in semi-transparent organic photovoltaic devices. Organic Electronics, 2019, 74, 37-40.	2.6	7
27	Photo-Oxidation Reveals H-Aggregates Hidden in Spin-Cast-Conjugated Polymer Films as Observed by Two-Dimensional Polarization Imaging. Chemistry of Materials, 2019, 31, 8927-8936.	6.7	6
28	Ï€â€“Ï€ Stacking Distance and Phase Separation Controlled Efficiency in Stable All-Polymer Solar Cells. Polymers, 2019, 11, 1665.	4.5	17
29	Enhancing Energy Storage Devices with Biomacromolecules in Hybrid Electrodes. Biotechnology Journal, 2019, 14, e1900062.	3.5	21
30	Terahertz Helical Antenna Based on Celery Stalks. , 2019, , .		0
31	Nonequilibrium site distribution governs charge-transfer electroluminescence at disordered organic heterointerfaces. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23416-23425.	7.1	29
32	Oneâ€Step Bladeâ€Coated Highly Efficient Nonfullerene Organic Solar Cells with a Selfâ€Assembled Interfacial Layer Enabled by Solvent Vapor Annealing. Solar Rrl, 2019, 3, 1900179.	5.8	19
33	Organic electrochemical transistors from supramolecular complexes of conjugated polyelectrolyte PEDOTS. Journal of Materials Chemistry C, 2019, 7, 2987-2993.	5.5	18
34	Pulsed Terahertz Emission from Solution-Processed Lead Iodide Perovskite Films. ACS Photonics, 2019, 6, 1175-1181.	6.6	21
35	Biocarbon Meets Carbonâ€”Humic Acid/Graphite Electrodes Formed by Mechanochemistry. Materials, 2019, 12, 4032.	2.9	8
36	Scalable lignin/graphite electrodes formed by mechanochemistry. RSC Advances, 2019, 9, 39758-39767.	3.6	22

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37	Correction to Conjugated Polyelectrolyte Blends for Highly Stable Accumulation-Mode Electrochemical Transistors. Chemistry of Materials, 2019, 31, 561-561.	6.7	0
38	DNA Based Hybrid Material for Interface Engineering in Polymer Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 9579-9586.	8.0	19
39	Conducting Helical Structures from Celery Decorated with a Metallic Conjugated Polymer Give Resonances in the Terahertz Range. Advanced Functional Materials, 2018, 28, 1706595.	14.9	9
40	Asymmetric photocurrent extraction in semitransparent laminated flexible organic solar cells. Npj Flexible Electronics, 2018, 2, .	10.7	53
41	Organic solar cells based on non-fullerene acceptors. Nature Materials, 2018, 17, 119-128.	27.5	2,315
42	Thermal annealing reduces geminate recombination in TQ1:N2200 all-polymer solar cells. Journal of Materials Chemistry A, 2018, 6, 7428-7438.	10.3	45
43	Boosting the capacity of all-organic paper supercapacitors using wood derivatives. Journal of Materials Chemistry A, 2018, 6, 145-152.	10.3	74
44	The contraction of PEDOT films formed on a macromolecular liquid-like surface. Journal of Materials Chemistry C, 2018, 6, 654-660.	5.5	19
45	Highly Stable and Efficient Ligninâ€PEDOT/PSS Composites for Removal of Toxic Metals. Advanced Sustainable Systems, 2018, 2, 1700114.	5.3	19
46	Semitransparent all-polymer solar cells through lamination. Journal of Materials Chemistry A, 2018, 6, 21186-21192.	10.3	14
47	Largeâ€Area, Semitransparent, and Flexible Allâ€Polymer Photodetectors. Advanced Functional Materials, 2018, 28, 1805570.	14.9	68
48	Light-induced degradation of fullerenes in organic solar cells: a case study on TQ1:PC₇₁BM. Journal of Materials Chemistry A, 2018, 6, 11884-11889.	10.3	27
49	Open-Circuit Voltage Modulations on All-Polymer Solar Cells by Side Chain Engineering on 4,8-Di(thiophen-2-yl)benzo[1,2-b:4,5-bâ€²]dithiophene-Based Donor Polymers. ACS Applied Energy Materials, 2018, 1, 2918-2926.	5.1	10
50	Organic Photovoltaics over Three Decades. Advanced Materials, 2018, 30, e1800388.	21.0	540
51	Design rules for minimizing voltage losses in high-efficiency organic solar cells. Nature Materials, 2018, 17, 703-709.	27.5	701
52	Active Materials for Organic Electrochemical Transistors. Advanced Materials, 2018, 30, e1800941.	21.0	208
53	Diatom frustules protect DNA from ultraviolet light. Scientific Reports, 2018, 8, 5138.	3.3	64
54	Uniaxial Anisotropy in PEDOT:PSS Electrodes Enhances the Photocurrent at Oblique Incidence in Organic Solar Cells. ACS Photonics, 2018, 5, 3023-3030.	6.6	10

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55	Relating open-circuit voltage losses to the active layer morphology and contact selectivity in organic solar cells. Journal of Materials Chemistry A, 2018, 6, 12574-12581.	10.3	65
56	Photogenerated Carrier Mobility Significantly Exceeds Injected Carrier Mobility in Organic Solar Cells. Advanced Energy Materials, 2017, 7, 1602143.	19.5	74
57	Innovative polyelectrolytes/poly(ionic liquid)s for energy and the environment. Polymer International, 2017, 66, 1119-1128.	3.1	42
58	A fullerene alloy based photovoltaic blend with a glass transition temperature above 200 Â°C. Journal of Materials Chemistry A, 2017, 5, 4156-4162.	10.3	17
59	Conjugated Polyelectrolyte Blends for Highly Stable Accumulation-Mode Electrochemical Transistors. Chemistry of Materials, 2017, 29, 4293-4300.	6.7	37
60	Macroscopic Domains within an Oriented TQ1 Film Visualized Using 2D Polarization Imaging. ACS Omega, 2017, 2, 32-40.	3.5	11
61	Conducting microhelices from self-assembly of protein fibrils. Soft Matter, 2017, 13, 4412-4417.	2.7	16
62	Comparing the device physics, dynamics and morphology of polymer solar cells employing conventional PCBM and non-fullerene polymer acceptor N2200. Nano Energy, 2017, 35, 251-262.	16.0	83
63	Highly Stable Conjugated Polyelectrolytes for Waterâ€Based Hybrid Mode Electrochemical Transistors. Advanced Materials, 2017, 29, 1605787.	21.0	50
64	Multiparameter investigation of bulk heterojunction organic photovoltaics. RSC Advances, 2017, 7, 46313-46320.	3.6	5
65	A Highly Crystalline Wide-Band-Gap Conjugated Polymer toward High-Performance As-Cast Nonfullerene Polymer Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 36061-36069.	8.0	34
66	Nanoscale Chain Alignment and Morphology in All-Polymer Blends Visualized Using 2D Polarization Fluorescence Imaging: Correlation to Power Conversion Efficiencies in Solar Cells. Journal of Physical Chemistry C, 2017, 121, 21848-21856.	3.1	6
67	Ternary Organic Solar Cells with Minimum Voltage Losses. Advanced Energy Materials, 2017, 7, 1700390.	19.5	55
68	Scalable Asymmetric Supercapacitors Based on Hybrid Organic/Biopolymer Electrodes. Advanced Sustainable Systems, 2017, 1, 1700054.	5.3	35
69	Charge Transport in Pure and Mixed Phases in Organic Solar Cells. Advanced Energy Materials, 2017, 7, 1700888.	19.5	54
70	Mapping Polymer Donors toward Highâ€Efficiency Fullerene Free Organic Solar Cells. Advanced Materials, 2017, 29, 1604155.	21.0	360
71	Bioinspired Redoxâ€Active Catecholâ€Bearing Polymers as Ultrarobust Organic Cathodes for Lithium Storage. Advanced Materials, 2017, 29, 1703373.	21.0	101
72	Fullereneâ€Free Polymer Solar Cells with over 11% Efficiency and Excellent Thermal Stability. Advanced Materials, 2016, 28, 4734-4739.	21.0	1,698

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73	LED array scanner for inline characterization of thin film photovoltaic modules. Solar Energy Materials and Solar Cells, 2016, 157, 1057-1064.	6.2	4
74	High Performance All-Polymer Solar Cells by Synergistic Effects of Fine-Tuned Crystallinity and Solvent Annealing. Journal of the American Chemical Society, 2016, 138, 10935-10944.	13.7	401
75	Self-doped conjugated polyelectrolyte with tuneable work function for effective hole transport in polymer solar cells. Journal of Materials Chemistry A, 2016, 4, 15670-15675.	10.3	34
76	Organic Photovoltaics: Low Band Gap Polymer Solar Cells With Minimal Voltage Losses (Adv. Energy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	19.5	1
77	Conjugated Polyelectrolyte Blend as Photonic Probe of Biomembrane Organization. ChemistrySelect, 2016, 1, 4340-4344.	1.5	12
78	Low Band Gap Polymer Solar Cells With Minimal Voltage Losses. Advanced Energy Materials, 2016, 6, 1600148.	19.5	84
79	Fast charge separation in a non-fullerene organic solar cell with a small driving force. Nature Energy, 2016, 1, .	39.5	1,167
80	Electrochemical Synthesis and Characterization of Interpenetrating Networks of Conducting Polymers for Enhanced Charge Storage. Advanced Materials Interfaces, 2016, 3, 1500533.	3.7	15
81	Development of polymerâ€“fullerene solar cells. National Science Review, 2016, 3, 222-239.	9.5	78
82	New method for lateral mapping of bimolecular recombination in thin-film organic solar cells. Progress in Photovoltaics: Research and Applications, 2016, 24, 1096-1108.	8.1	7
83	Two-in-one: cathode modification and improved solar cell blend stability through addition of modified fullerenes. Journal of Materials Chemistry A, 2016, 4, 2663-2669.	10.3	27
84	Hybrid materials from organic electronic conductors and synthetic-lignin models for charge storage applications. Journal of Materials Chemistry A, 2016, 4, 1931-1940.	10.3	27
85	Non-fullerene acceptor with low energy loss and high external quantum efficiency: towards high performance polymer solar cells. Journal of Materials Chemistry A, 2016, 4, 5890-5897.	10.3	219
86	Inverted all-polymer solar cells based on a quinoxalineâ€“thiophene/naphthalene-diimide polymer blend improved by annealing. Journal of Materials Chemistry A, 2016, 4, 3835-3843.	10.3	57
87	Morphology, Temperature, and Field Dependence of Charge Separation in High-Efficiency Solar Cells Based on Alternating Polyquinoxaline Copolymer. Journal of Physical Chemistry C, 2016, 120, 4219-4226.	3.1	22
88	Solar energy for electricity and fuels. Ambio, 2016, 45, 15-23.	5.5	50
89	Enhancing charge storage of conjugated polymer electrodes with phenolic acids. Journal of Power Sources, 2016, 302, 324-330.	7.8	23
90	Highâ€Entropy Mixtures of Pristine Fullerenes for Solutionâ€Processed Transistors and Solar Cells. Advanced Materials, 2015, 27, 7325-7331.	21.0	49

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91	Lignin Modification for Biopolymer/Conjugated Polymer Hybrids as Renewable Energy Storage Materials. ChemSusChem, 2015, 8, 4081-4085.	6.8	41
92	The Effect of Processing Additives on Energetic Disorder in Highly Efficient Organic Photovoltaics: A Case Study on PBDTTTâ€Câ€T:PC₇₁BM. Advanced Materials, 2015, 27, 3868-3873.	21.0	46
93	Protein nanowires with conductive properties. Journal of Materials Chemistry C, 2015, 3, 6499-6504.	5.5	18
94	Temperature Dependence of Charge Carrier Generation in Organic Photovoltaics. Physical Review Letters, 2015, 114, 128701.	7.8	96
95	Extracting metal ions from water with redox active biopolymer electrodes. Environmental Science: Water Research and Technology, 2015, 1, 326-331.	2.4	10
96	Dâ€“A₁â€“Dâ€“A₂ Copolymers with Extended Donor Segments for Efficient Polymer Solar Cells. Macromolecules, 2015, 48, 1009-1016.	4.8	82
97	A New Fullereneâ€Free Bulkâ€Heterojunction System for Efficient Highâ€Voltage and Highâ€Fill Factor Solutionâ€Processed Organic Photovoltaics. Advanced Materials, 2015, 27, 1900-1907.	21.0	84
98	Role of Polymer in Hybrid Polymer/PbS Quantum Dot Solar Cells. Journal of Physical Chemistry C, 2015, 119, 14972-14979.	3.1	43
99	Electronic polymers in lipid membranes. Scientific Reports, 2015, 5, 11242.	3.3	29
100	Modulating molecular aggregation by facile heteroatom substitution of diketopyrrolopyrrole based small molecules for efficient organic solar cells. Journal of Materials Chemistry A, 2015, 3, 24349-24357.	10.3	31
101	Conjugated Polyelectrolyte Blends for Electrochromic and Electrochemical Transistor Devices. Chemistry of Materials, 2015, 27, 6385-6393.	6.7	83
102	Transient photocurrent of bulk heterojunction solar cell characterized by ns-laser and sub-ms LED. , 2015, , .		0
103	Imaging the Phase Separation Between PEDOT and Polyelectrolytes During Processing of Highly Conductive PEDOT:PSS Films. ACS Applied Materials & Interfaces, 2015, 7, 19764-19773.	8.0	185
104	Comparison of selenophene and thienothiophene incorporation into pentacyclic lactam-based conjugated polymers for organic solar cells. Polymer Chemistry, 2015, 6, 7402-7409.	3.9	6
105	One-Step Synthesis of Precursor Oligomers for Organic Photovoltaics: A Comparative Study between Polymers and Small Molecules. ACS Applied Materials & Interfaces, 2015, 7, 27106-27114.	8.0	25
106	Fully-solution-processed organic solar cells with a highly efficient paper-based light trapping element. Journal of Materials Chemistry A, 2015, 3, 24289-24296.	10.3	25
107	Photo-generated carriers lose energy during extraction from polymer-fullerene solar cells. Nature Communications, 2015, 6, 8778.	12.8	100
108	Predicting the Openâ€Circuit Voltage of CH₃NH₃PbI₃ Perovskite Solar Cells Using Electroluminescence and Photovoltaic Quantum Efficiency Spectra: the Role of Radiative and Nonâ€Radiative Recombination. Advanced Energy Materials, 2015, 5, 1400812.	19.5	425

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109	Conjugated polymers with polar side chains in bulk heterojunction solar cell devices. Polymer International, 2014, 63, 22-30.	3.1	9
110	Nanostructures: Fullerene Nucleating Agents: A Route Towards Thermally Stable Photovoltaic Blends (Adv. Energy Mater. 9/2014). Advanced Energy Materials, 2014, 4, n/a-n/a.	19.5	0
111	Polarization Imaging of Emissive Charge Transfer States in Polymer/Fullerene Blends. Chemistry of Materials, 2014, 26, 6695-6704.	6.7	14
112	Electrochemistry and Ion Sensing Properties of Conducting Hydrogel Layers Based on Polypyrrole and Alkoxysulfonated Poly(3,4â€ethylenedioxythiophene) (PEDOTâ€S). Electroanalysis, 2014, 26, 739-747.	2.9	1
113	Charge storage properties of biopolymer electrodes with (sub)tropical lignins. Physical Chemistry Chemical Physics, 2014, 16, 24681-24684.	2.8	33
114	Charge Storage Capacity of Renewable Biopolymer/Conjugated Polymer Interpenetrating Networks Enhanced by Electroactive Dopants. Advanced Energy Materials, 2014, 4, 1300443.	19.5	67
115	Fullerene Nucleating Agents: A Route Towards Thermally Stable Photovoltaic Blends. Advanced Energy Materials, 2014, 4, 1301437.	19.5	65
116	Charge Carrier Dynamics of Polymer:Fullerene Blends: From Geminate to Nonâ€Geminate Recombination. Advanced Energy Materials, 2014, 4, 1301706.	19.5	17
117	25th Anniversary Article: Organic Photovoltaic Modules and Biopolymer Supercapacitors for Supply of Renewable Electricity: A Perspective from Africa. Advanced Materials, 2014, 26, 830-848.	21.0	43
118	Structureâ€“property relationships of oligothiopheneâ€“isoindigo polymers for efficient bulk-heterojunction solar cells. Energy and Environmental Science, 2014, 7, 361-369.	30.8	108
119	Fullerene mixtures enhance the thermal stability of a non-crystalline polymer solar cell blend. Applied Physics Letters, 2014, 104, .	3.3	47
120	Intermodulation electrostatic force microscopy for imaging surface photo-voltage. Applied Physics Letters, 2014, 105, .	3.3	41
121	Neat C₆₀:C₇₀ buckminsterfullerene mixtures enhance polymer solar cell performance. Journal of Materials Chemistry A, 2014, 2, 14354-14359.	10.3	25
122	Charge generation in polymerâ€“fullerene bulk-heterojunction solar cells. Physical Chemistry Chemical Physics, 2014, 16, 20291-20304.	2.8	190
123	Sub-glass transition annealing enhances polymer solar cell performance. Journal of Materials Chemistry A, 2014, 2, 6146-6152.	10.3	48
124	Improving Cathodes with a Polymer Interlayer in Reversed Organic Solar Cells. Advanced Energy Materials, 2014, 4, 1400643.	19.5	43
125	Amyloid fibrils as dispersing agents for oligothiophenes: control of photophysical properties through nanoscale templating and flow induced fibril alignment. Journal of Materials Chemistry C, 2014, 2, 7811.	5.5	26
126	A New Tetracyclic Lactam Building Block for Thick, Broad-Bandgap Photovoltaics. Journal of the American Chemical Society, 2014, 136, 11578-11581.	13.7	73

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127	A Facile Method to Enhance Photovoltaic Performance of Benzodithopheneâ€•isoindigo Polymers by Inserting Bithiophene Spacer. Advanced Energy Materials, 2014, 4, 1301455.	19.5	66
128	Dark States in Ionic Oligothiophene Bioprobesâ€”Evidence from Fluorescence Correlation Spectroscopy and Dynamic Light Scattering. Journal of Physical Chemistry B, 2014, 118, 5924-5933.	2.6	4
129	Charge Carrier Generation and Transport in Different Stoichiometry APFO3:PC61BM Solar Cells. Journal of the American Chemical Society, 2014, 136, 11331-11338.	13.7	31
130	Stability study of quinoxaline and pyrido pyrazine based co-polymers for solar cell applications. Solar Energy Materials and Solar Cells, 2014, 130, 138-143.	6.2	24
131	Dispersionâ€Dominated Photocurrent in Polymer:Fullerene Solar Cells. Advanced Functional Materials, 2014, 24, 4507-4514.	14.9	61
132	Light trapping in thin film organic solar cells. Materials Today, 2014, 17, 389-396.	14.2	138
133	A renewable biopolymer cathode with multivalent metal ions for enhanced charge storage. Journal of Materials Chemistry A, 2014, 2, 1974-1979.	10.3	42
134	Amperometric detection of iron (III) on electroconductive hydrogel based on polypyrrole and alkoxysulfonated poly(3,4-ethylenedioxythiophene) (PEDOT-S). Synthetic Metals, 2014, 194, 170-175.	3.9	11
135	Light Trapping with Dielectric Scatterers in Singleâ€•and Tandemâ€Junction Organic Solar Cells. Advanced Energy Materials, 2013, 3, 1606-1613.	19.5	30
136	Simple experimental test to distinguish extraction and injection barriers at the electrodes of (organic) solar cells with S-shaped currentâ€“voltage characteristics. Solar Energy Materials and Solar Cells, 2013, 117, 599-603.	6.2	77
137	Origin of Reduced Bimolecular Recombination in Blends of Conjugated Polymers and Fullerenes. Advanced Functional Materials, 2013, 23, 4262-4268.	14.9	76
138	In situ reflectance imaging of organic thin film formation from solution deposition. Solar Energy Materials and Solar Cells, 2013, 114, 89-98.	6.2	21
139	Micro X-ray diffraction mapping of a fluorene copolymer fibre. Polymer, 2013, 54, 805-811.	3.8	9
140	Electronic Polymers and DNA Selfâ€Assembled in Nanowire Transistors. Small, 2013, 9, 363-368.	10.0	34
141	Conformational Disorder Enhances Solubility and Photovoltaic Performance of a Thiopheneâ€“Quinoxaline Copolymer. Advanced Energy Materials, 2013, 3, 806-814.	19.5	86
142	Unified Study of Recombination in Polymer:Fullerene Solar Cells Using Transient Absorption and Charge-Extraction Measurements. Journal of Physical Chemistry Letters, 2013, 4, 2069-2072.	4.6	26
143	Molecular orbital energy level modulation through incorporation of selenium and fluorine into conjugated polymers for organic photovoltaic cells. Journal of Materials Chemistry A, 2013, 1, 13422.	10.3	31
144	Determination of Thermal Transition Depth Profiles in Polymer Semiconductor Films with Ellipsometry. Macromolecules, 2013, 46, 7325-7331.	4.8	26

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145	Preface: Nobel Symposium 153: Nanoscale Energy Converters. AIP Conference Proceedings, 2013, , .	0.4	1
146	Light trapping with total internal reflection and transparent electrodes in organic photovoltaic devices. Applied Physics Letters, 2012, 101, 163902.	3.3	21
147	Morphology of organic electronic materials imaged via electron tomography. Journal of Microscopy, 2012, 247, 277-287.	1.8	7
148	Mixed C60/C70 based fullerene acceptors in polymer bulk-heterojunction solar cells. Organic Electronics, 2012, 13, 2856-2864.	2.6	18
149	Polarization anisotropy of charge transfer absorption and emission of aligned polymer:fullerene blend films. Physical Review B, 2012, 86, .	3.2	28
150	Renewable Cathode Materials from Biopolymer/Conjugated Polymer Interpenetrating Networks. Science, 2012, 335, 1468-1471.	12.6	446
151	Synthesis and characterization of benzodithiopheneâ€“isoindigo polymers for solar cells. Journal of Materials Chemistry, 2012, 22, 2306-2314.	6.7	156
152	Influences of Surface Roughness of ZnO Electron Transport Layer on the Photovoltaic Performance of Organic Inverted Solar Cells. Journal of Physical Chemistry C, 2012, 116, 24462-24468.	3.1	126
153	Protein Nanofibrils Balance Colours in Organic Whiteâ€Lightâ€Emitting Diodes. Israel Journal of Chemistry, 2012, 52, 529-539.	2.3	26
154	Quantification of Quantum Efficiency and Energy Losses in Low Bandgap Polymer:Fullerene Solar Cells with High Openâ€Circuit Voltage. Advanced Functional Materials, 2012, 22, 3480-3490.	14.9	190
155	Semiâ€Transparent Tandem Organic Solar Cells with 90% Internal Quantum Efficiency. Advanced Energy Materials, 2012, 2, 1467-1476.	19.5	109
156	Alternating Copolymers and Alternative Device Geometries for Organic Photovoltaics. Ambio, 2012, 41, 138-142.	5.5	9
157	Interlayer for Modified Cathode in Highly Efficient Inverted ITOâ€Free Organic Solar Cells. Advanced Materials, 2012, 24, 554-558.	21.0	101
158	Phase behaviour of liquid-crystalline polymer/fullerene organic photovoltaic blends: thermal stability and miscibility. Journal of Materials Chemistry, 2011, 21, 10676.	6.7	80
159	Functionalisation of recombinant spider silk with conjugated polyelectrolytes. Journal of Materials Chemistry, 2011, 21, 2909.	6.7	20
160	An Easily Accessible Isoindigo-Based Polymer for High-Performance Polymer Solar Cells. Journal of the American Chemical Society, 2011, 133, 14244-14247.	13.7	363
161	Charge Transfer States in Organic Donorâ€“Acceptor Solar Cells. Semiconductors and Semimetals, 2011, 85, 261-295.	0.7	18
162	Side-Chain Architectures of 2,7-Carbazole and Quinoxaline-Based Polymers for Efficient Polymer Solar Cells. Macromolecules, 2011, 44, 2067-2073.	4.8	119

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163	Avoiding indium. Nature Photonics, 2011, 5, 201-202.	31.4	152
164	An isoindigo-based low band gap polymer for efficient polymer solar cells with high photo-voltage. Chemical Communications, 2011, 47, 4908.	4.1	134
165	Lyotropic phase behaviour of dilute, aqueous hen lysozyme amyloid fibril dispersions. Journal of Materials Science, 2011, 46, 3687-3692.	3.7	7
166	Consensus stability testing protocols for organic photovoltaic materials and devices. Solar Energy Materials and Solar Cells, 2011, 95, 1253-1267.	6.2	812
167	Interactions Between a Luminescent Conjugated Oligoelectrolyte and Insulin During Early Phases of Amyloid Formation. Macromolecular Bioscience, 2011, 11, 1120-1127.	4.1	11
168	Lateral Phase Separation Gradients in Spinâ€Coated Thin Films of Highâ€Performance Polymer:Fullerene Photovoltaic Blends. Advanced Functional Materials, 2011, 21, 3169-3175.	14.9	49
169	Woven Electrochemical Transistors on Silk Fibers. Advanced Materials, 2011, 23, 898-901.	21.0	149
170	Influence of side chains on electrochromic properties of green donorâ€“acceptorâ€“donor polymers. Electrochimica Acta, 2011, 56, 3454-3459.	5.2	25
171	The Effect of additive on performance and shelf-stability of HSX-1/PCBM photovoltaic devices. Organic Electronics, 2011, 12, 1544-1551.	2.6	58
172	Full day modelling of V-shaped organic solar cell. Solar Energy, 2011, 85, 1257-1263.	6.1	22
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