

Richard Friend

List of Publications by Year in descending order

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709
papers

139,298
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90

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730
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64259
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Stable and Efficient Perovskite Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2022, 32, 2109495.	7.8	77
2	Geminate and Nongeminate Pathways for Triplet Exciton Formation in Organic Solar Cells. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	22
3	Deoxyribonucleic Acid Encoded and Size-Defined π -Stacking of Perylene Diimides. <i>Journal of the American Chemical Society</i> , 2022, 144, 368-376.	6.6	15
4	Insights into the Structure and Self-Assembly of Organic-Semiconductor/Quantum-Dot Blends. <i>Advanced Functional Materials</i> , 2022, 32, 2109252.	7.8	2
5	Kinetics and energetics of metal halide perovskite conversion reactions at the nanoscale. <i>Communications Materials</i> , 2022, 3, .	2.9	12
6	Singlet and triplet to doublet energy transfer: improving organic light-emitting diodes with radicals. <i>Nature Communications</i> , 2022, 13, 2744.	5.8	27
7	Ultralow-voltage operation of light-emitting diodes. <i>Nature Communications</i> , 2022, 13, .	5.8	23
8	Beyond 17% stable perovskite solar module via polaron arrangement of tuned polymeric hole transport layer. <i>Nano Energy</i> , 2021, 82, 105685.	8.2	28
9	The Path to 20% Power Conversion Efficiencies in Nonfullerene Acceptor Organic Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2003441.	10.2	154
10	Metal halide perovskites for light-emitting diodes. <i>Nature Materials</i> , 2021, 20, 10-21.	13.3	800
11	Suppressing aggregation induced quenching in anthracene based conjugated polymers. <i>Polymer Chemistry</i> , 2021, 12, 1830-1836.	1.9	17
12	Comprehensive defect suppression in perovskite nanocrystals for high-efficiency light-emitting diodes. <i>Nature Photonics</i> , 2021, 15, 148-155.	15.6	590
13	Mixed halide perovskites for spectrally stable and high-efficiency blue light-emitting diodes. <i>Nature Communications</i> , 2021, 12, 361.	5.8	268
14	Thickness-Attuned CsPbBr ₃ Nanosheets with Enhanced <i>p</i> -Type Field Effect Mobility. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1560-1566.	2.1	17
15	Direct Probing of Gap States and Their Passivation in Halide Perovskites by High-Sensitivity, Variable Energy Ultraviolet Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5217-5225.	1.5	12
16	Singlet exciton fission in a modified acene with improved stability and high photoluminescence yield. <i>Nature Communications</i> , 2021, 12, 1527.	5.8	26
17	Ligand-engineered bandgap stability in mixed-halide perovskite LEDs. <i>Nature</i> , 2021, 591, 72-77.	13.7	471
18	Highly Absorbing Lead-Free Semiconductor Cu ₂ AgBiI ₆ for Photovoltaic Applications from the Quaternary CuI-AgI-BiI ₃ Phase Space. <i>Journal of the American Chemical Society</i> , 2021, 143, 3983-3992.	6.6	59

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19	Efficient Energy Funneling in Spatially Tailored Segmented Conjugated Block Copolymer Nanofiberâ€™ Quantum Dot or Rod Conjugates. <i>Journal of the American Chemical Society</i> , 2021, 143, 7032-7041.	6.6	25
20	Charge Carrier Localization in Doped Perovskite Nanocrystals Enhances Radiative Recombination. <i>Journal of the American Chemical Society</i> , 2021, 143, 8647-8653.	6.6	43
21	Electrically Induced Mixed Valence Increases the Conductivity of Copper Helical Metallopolymers. <i>Advanced Materials</i> , 2021, 33, e2100403.	11.1	14
22	Ultrafast spin relaxation mechanisms in layered hybrid perovskites. , 2021, , .		0
23	Impact of Orientational Glass Formation and Local Strain on Photo-Induced Halide Segregation in Hybrid Metal-Halide Perovskites. <i>Journal of Physical Chemistry C</i> , 2021, 125, 15025-15034.	1.5	8
24	Tailored Local Bandgap Modulation as a Strategy to Maximize Luminescence Yields in Mixedâ€™Halide Perovskites. <i>Advanced Optical Materials</i> , 2021, 9, 2100635.	3.6	5
25	Efficient energy transport in an organic semiconductor mediated by transient exciton delocalization. <i>Science Advances</i> , 2021, 7, .	4.7	68
26	Efficient and Spectrally Stable Blue Perovskite Lightâ€™Emitting Diodes Employing a Cationic Î€â€™Conjugated Polymer. <i>Advanced Materials</i> , 2021, 33, e2103640.	11.1	77
27	The role of charge recombination to triplet excitons in organic solar cells. <i>Nature</i> , 2021, 597, 666-671.	13.7	225
28	Understanding the Role of Grain Boundaries on Chargeâ€™Carrier and Ion Transport in Cs₂AgBiBr₆ Thin Films. <i>Advanced Functional Materials</i> , 2021, 31, 2104981.	7.8	39
29	Novel optoelectronic technique for direct tracking of ultrafast triplet excitons in polymeric semiconductor. <i>Applied Physics Reviews</i> , 2021, 8, .	5.5	6
30	Degradation mechanisms of perovskite solar cells under vacuum and one atmosphere of nitrogen. <i>Nature Energy</i> , 2021, 6, 977-986.	19.8	103
31	Spontaneous exciton dissociation enables spin state interconversion in delayed fluorescence organic semiconductors. <i>Nature Communications</i> , 2021, 12, 6640.	5.8	18
32	Microcavity-like exciton-polaritons can be the primary photoexcitation in bare organic semiconductors. <i>Nature Communications</i> , 2021, 12, 6519.	5.8	32
33	Molecular aggregation method for perovskiteâ€™fullerene bulk heterostructure solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1326-1334.	5.2	15
34	New Strategies for Defect Passivation in Highâ€™Efficiency Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2020, 10, 1903090.	10.2	237
35	Dark Subgap States in Metal-Halide Perovskites Revealed by Coherent Multidimensional Spectroscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 777-782.	6.6	14
36	Bandgap lowering in mixed alloys of Cs₂Ag(Sb_xBi_{1-x})Br₆ double perovskite thin films. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21780-21788.	5.2	66

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37	Efficient light-emitting diodes from mixed-dimensional perovskites on a fluoride interface. <i>Nature Electronics</i> , 2020, 3, 704-710.	13.1	143
38	Optical and Electronic Properties of Colloidal CdSe Quantum Rings. <i>ACS Nano</i> , 2020, 14, 14740-14760.	7.3	8
39	Critical Assessment of the Use of Excess Lead Iodide in Lead Halide Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6505-6512.	2.1	116
40	Minimizing the Trade-Off between Photocurrent and Photovoltage in Triple-Cation Mixed-Halide Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10188-10195.	2.1	36
41	Elucidating and Mitigating Degradation Processes in Perovskite Light-Emitting Diodes. <i>Advanced Energy Materials</i> , 2020, 10, 2002676.	10.2	28
42	Controlling the structures of organic semiconductor-quantum dot nanocomposites through ligand shell chemistry. <i>Soft Matter</i> , 2020, 16, 7970-7981.	1.2	4
43	Fast spin-flip enables efficient and stable organic electroluminescence from charge-transfer states. <i>Nature Photonics</i> , 2020, 14, 636-642.	15.6	331
44	Impact of exciton delocalization on exciton-vibration interactions in organic semiconductors. <i>Physical Review B</i> , 2020, 102, .	1.1	36
45	The role of bulk and interfacial morphology in charge generation, recombination, and extraction in non-fullerene acceptor organic solar cells. <i>Energy and Environmental Science</i> , 2020, 13, 3679-3692.	15.6	126
46	Role of Morphology and Förster Resonance Energy Transfer in Ternary Blend Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 12025-12036.	2.5	17
47	Long-lived and disorder-free charge transfer states enable endothermic charge separation in efficient non-fullerene organic solar cells. <i>Nature Communications</i> , 2020, 11, 5617.	5.8	73
48	Graphene-passivated nickel as an efficient hole-injecting electrode for large area organic semiconductor devices. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	3
49	Deciphering exciton-generation processes in quantum-dot electroluminescence. <i>Nature Communications</i> , 2020, 11, 2309.	5.8	96
50	Stable Hexylphosphonate-Capped Blue-Emitting Quantum-Confined CsPbBr ₃ Nanoplatelets. <i>ACS Energy Letters</i> , 2020, 5, 1900-1907.	8.8	82
51	Circularly Polarized Photoluminescence from Chiral Perovskite Thin Films at Room Temperature. <i>ACS Nano</i> , 2020, 14, 7610-7616.	7.3	86
52	Understanding the luminescent nature of organic radicals for efficient doublet emitters and pure-red light-emitting diodes. <i>Nature Materials</i> , 2020, 19, 1224-1229.	13.3	159
53	Highly efficient luminescence from space-confined charge-transfer emitters. <i>Nature Materials</i> , 2020, 19, 1332-1338.	13.3	413
54	Polymer Light Emitting Diodes with Doublet Emission. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5638-5642.	2.1	15

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55	How Exciton Interactions Control Spin-Depolarization in Layered Hybrid Perovskites. <i>Nano Letters</i> , 2020, 20, 5678-5685.	4.5	27
56	Unifying Charge Generation, Recombination, and Extraction in Low-Offset Non-Fullerene Acceptor Organic Solar Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2001203.	10.2	74
57	Femtosecond Transient Absorption Microscopy of Singlet Exciton Motion in Side-Chain Engineered Perylene-Diimide Thin Films. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2721-2730.	1.1	23
58	Femtosecond visualization of oxygen vacancies in metal oxides. <i>Science Advances</i> , 2020, 6, eaax9427.	4.7	44
59	Proton-transfer-induced 3D/2D hybrid perovskites suppress ion migration and reduce luminance overshoot. <i>Nature Communications</i> , 2020, 11, 3378.	5.8	108
60	Perovskite-molecule composite thin films for efficient and stable light-emitting diodes. <i>Nature Communications</i> , 2020, 11, 891.	5.8	83
61	The role of photon recycling in perovskite light-emitting diodes. <i>Nature Communications</i> , 2020, 11, 611.	5.8	121
62	A general approach for hysteresis-free, operationally stable metal halide perovskite field-effect transistors. <i>Science Advances</i> , 2020, 6, eaaz4948.	4.7	129
63	Photodoping through local charge carrier accumulation in alloyed hybrid perovskites for highly efficient luminescence. <i>Nature Photonics</i> , 2020, 14, 123-128.	15.6	93
64	Halide Homogenization for High-Performance Blue Perovskite Electroluminescence. <i>Research</i> , 2020, 2020, 9017871.	2.8	32
65	Efficient blue light-emitting diodes based on quantum-confined bromide perovskite nanostructures. <i>Nature Photonics</i> , 2019, 13, 760-764.	15.6	483
66	Visualizing the Vertical Energetic Landscape in Organic Photovoltaics. <i>Joule</i> , 2019, 3, 2513-2534.	11.7	25
67	Exploiting Excited-State Aromaticity To Design Highly Stable Singlet Fission Materials. <i>Journal of the American Chemical Society</i> , 2019, 141, 13867-13876.	6.6	104
68	High stability and luminescence efficiency in donor-acceptor neutral radicals not following the Aufbau principle. <i>Nature Materials</i> , 2019, 18, 977-984.	13.3	181
69	Ligand Shell Structure in Lead Sulfide-Oleic Acid Colloidal Quantum Dots Revealed by Small-Angle Scattering. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4713-4719.	2.1	32
70	Scan Strategies for Electron Energy Loss Spectroscopy at Optical and Vibrational Energies in Perylene Diimide Nanobelts. <i>Microscopy and Microanalysis</i> , 2019, 25, 1738-1739.	0.2	1
71	Sequentially Deposited versus Conventional Nonfullerene Organic Solar Cells: Interfacial Trap States, Vertical Stratification, and Exciton Dissociation. <i>Advanced Energy Materials</i> , 2019, 9, 1902145.	10.2	36
72	Singlet exciton fission via an intermolecular charge transfer state in coevaporated pentacene-perfluoropentacene thin films. <i>Journal of Chemical Physics</i> , 2019, 151, 164706.	1.2	22

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73	A Highly Emissive Surface Layer in Mixed-Halide Multication Perovskites. <i>Advanced Materials</i> , 2019, 31, e1902374.	11.1	57
74	Wavelength-Dependent Charge Carrier Dynamics for Single Pixel Color Sensing Using Graded Perovskite Structures. <i>Nano Letters</i> , 2019, 19, 6577-6584.	4.5	16
75	Perylene-Based Covalent Organic Frameworks for Acid Vapor Sensing. <i>Journal of the American Chemical Society</i> , 2019, 141, 15693-15699.	6.6	212
76	Lattice strain causes non-radiative losses in halide perovskites. <i>Energy and Environmental Science</i> , 2019, 12, 596-606.	15.6	343
77	Efficient and Tunable Electroluminescence from In Situ Synthesized Perovskite Quantum Dots. <i>Small</i> , 2019, 15, e1804947.	5.2	23
78	Excimer Formation in Carboxylic Acid-Functionalized Perylene Diimides Attached to Silicon Dioxide Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3433-3440.	1.5	20
79	Excited-State Dynamics in Fully Conjugated 2D Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 11565-11571.	6.6	89
80	Triple-Cation-Based Perovskite Photocathodes with AZO Protective Layer for Hydrogen Production Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23198-23206.	4.0	46
81	Red-shifted delayed fluorescence at the expense of photoluminescence quantum efficiency in an intramolecular charge-transfer molecule based on a benzodithiophene-4,8-dione acceptor. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10580-10586.	1.3	11
82	Inter-ligand energy transfer in dye chromophores attached to high bandgap SiO ₂ nanoparticles. <i>Chemical Communications</i> , 2019, 55, 8804-8807.	2.2	4
83	Long-Range Charge Extraction in Back-Contact Perovskite Architectures via Suppressed Recombination. <i>Joule</i> , 2019, 3, 1301-1313.	11.7	68
84	Identifying and Reducing Interfacial Losses to Enhance Color-Pure Electroluminescence in Blue-Emitting Perovskite Nanoplatelet Light-Emitting Diodes. <i>ACS Energy Letters</i> , 2019, 4, 1181-1188.	8.8	115
85	Perovskites for Next-Generation Optical Sources. <i>Chemical Reviews</i> , 2019, 119, 7444-7477.	23.0	640
86	Efficient Ruddlesden-Popper Perovskite Light-Emitting Diodes with Randomly Oriented Nanocrystals. <i>Advanced Functional Materials</i> , 2019, 29, 1901225.	7.8	95
87	Charge extraction via graded doping of hole transport layers gives highly luminescent and stable metal halide perovskite devices. <i>Science Advances</i> , 2019, 5, eaav2012.	4.7	116
88	Sub-Bandgap States in Lead-Halide Perovskites Revealed by two-Dimensional Electronic Spectroscopy. , 2019, , .		0
89	Best practices for measuring emerging light-emitting diode technologies. <i>Nature Photonics</i> , 2019, 13, 818-821.	15.6	59
90	The Physics of Light Emission in Halide Perovskite Devices. <i>Advanced Materials</i> , 2019, 31, e1803336.	11.1	189

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91	Facile Synthesis of Stable and Highly Luminescent Methylammonium Lead Halide Nanocrystals for Efficient Light Emitting Devices. <i>Journal of the American Chemical Society</i> , 2019, 141, 1269-1279.	6.6	108
92	Extrinsic Electron Concentration in SnO ₂ Electron Extracting Contact in Lead Halide Perovskite Solar Cells. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801788.	1.9	29
93	Back-Contact Perovskite Solar Cells. , 2019, 1, 1-10.		4
94	Perovskite LEDs. , 2019, 1, 1-5.		3
95	High-Efficiency Polycrystalline Perovskite Light-Emitting Diodes Based on Mixed Cations. <i>ACS Nano</i> , 2018, 12, 2883-2892.	7.3	109
96	Degradation Kinetics of Inverted Perovskite Solar Cells. <i>Scientific Reports</i> , 2018, 8, 5977.	1.6	44
97	Control of Geminate Recombination by the Material Composition and Processing Conditions in Novel Polymer: Nonfullerene Acceptor Photovoltaic Devices. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1253-1260.	1.1	10
98	Room temperature magneto-optic effect in silicon light-emitting diodes. <i>Nature Communications</i> , 2018, 9, 398.	5.8	3
99	Energy Landscape of Vertically Anisotropic Polymer Blend Films toward Highly Efficient Polymer Light-Emitting Diodes (PLEDs). <i>Advanced Functional Materials</i> , 2018, 28, 1705903.	7.8	3
100	Minimising efficiency roll-off in high-brightness perovskite light-emitting diodes. <i>Nature Communications</i> , 2018, 9, 608.	5.8	322
101	Order enables efficient electron-hole separation at an organic heterojunction with a small energy loss. <i>Nature Communications</i> , 2018, 9, 277.	5.8	112
102	Organic solar cells based on non-fullerene acceptors. <i>Nature Materials</i> , 2018, 17, 119-128.	13.3	2,315
103	<i>In situ</i> simultaneous photovoltaic and structural evolution of perovskite solar cells during film formation. <i>Energy and Environmental Science</i> , 2018, 11, 383-393.	15.6	77
104	Stable Light-Emitting Diodes Using Phase-Pure Ruddlesden-Popper Layered Perovskites. <i>Advanced Materials</i> , 2018, 30, 1704217.	11.1	258
105	Interface-Dependent Radiative and Nonradiative Recombination in Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10691-10698.	1.5	40
106	Site-selective measurement of coupled spin pairs in an organic semiconductor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5077-5082.	3.3	39
107	Ultrafast endothermic transfer of non-radiative exciplex state to radiative excitons in polyfluorene random copolymer for blue electroluminescence. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	7
108	Growth of Nanosized Single Crystals for Efficient Perovskite Light-Emitting Diodes. <i>ACS Nano</i> , 2018, 12, 3417-3423.	7.3	109

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109	Ultrafast Dynamics of Polariton Cooling and Renormalization in an Organic Single-Crystal Microcavity under Nonresonant Pumping. <i>ACS Photonics</i> , 2018, 5, 2182-2188.	3.2	21
110	Maximizing and stabilizing luminescence from halide perovskites with potassium passivation. <i>Nature</i> , 2018, 555, 497-501.	13.7	1,336
111	Understanding Energy Loss in Organic Solar Cells: Toward a New Efficiency Regime. <i>Joule</i> , 2018, 2, 25-35.	11.7	440
112	FRET-mediated near infrared whispering gallery modes: studies on the relevance of intracavity energy transfer with Q -factors. <i>Materials Chemistry Frontiers</i> , 2018, 2, 270-274.	3.2	26
113	Fine-tuning the Energy Levels of a Nonfullerene Small-Molecule Acceptor to Achieve a High Short-Circuit Current and a Power Conversion Efficiency over 12% in Organic Solar Cells. <i>Advanced Materials</i> , 2018, 30, 1704904.	11.1	214
114	Highly Efficient Energy Transfer in Light Emissive Poly(9,9-dioctylfluorene) and Poly(p-phenylenevinylene) Blend System. <i>ACS Photonics</i> , 2018, 5, 607-613.	3.2	10
115	In Situ Atmospheric Deposition of Ultrasmooth Nickel Oxide for Efficient Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41849-41854.	4.0	47
116	Efficient radical-based light-emitting diodes with doublet emission. <i>Nature</i> , 2018, 563, 536-540.	13.7	453
117	High-efficiency perovskite-polymer bulk heterostructure light-emitting diodes. <i>Nature Photonics</i> , 2018, 12, 783-789.	15.6	715
118	Negative Correlation between Intermolecular vs Intramolecular Disorder in Bulk-Heterojunction Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44576-44582.	4.0	19
119	Control of Interface Defects for Efficient and Stable Quasi-2D Perovskite Light-Emitting Diodes Using Nickel Oxide Hole Injection Layer. <i>Advanced Science</i> , 2018, 5, 1801350.	5.6	92
120	Potassium- and Rubidium-Passivated Alloyed Perovskite Films: Optoelectronic Properties and Moisture Stability. <i>ACS Energy Letters</i> , 2018, 3, 2671-2678.	8.8	126
121	Efficient Nonfullerene Organic Solar Cells with Small Driving Forces for Both Hole and Electron Transfer. <i>Advanced Materials</i> , 2018, 30, e1804215.	11.1	161
122	Direct Bandgap Behavior in Rashba-Type Metal Halide Perovskites. <i>Advanced Materials</i> , 2018, 30, e1803379.	11.1	23
123	Opportunities and Challenges in Perovskite Light-Emitting Devices. <i>ACS Photonics</i> , 2018, 5, 3866-3875.	3.2	129
124	Solvatochromic covalent organic frameworks. <i>Nature Communications</i> , 2018, 9, 3802.	5.8	171
125	Vertical Cavity Biexciton Lasing in 2D Dodecylammonium Lead Iodide Perovskites. <i>Advanced Optical Materials</i> , 2018, 6, 1800616.	3.6	33
126	Efficient non-fullerene organic solar cells employing sequentially deposited donor-acceptor layers. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18225-18233.	5.2	49

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127	Conjugated Polyelectrolytes as Efficient Hole Transport Layers in Perovskite Light-Emitting Diodes. ACS Nano, 2018, 12, 5826-5833.	7.3	56
128	Fundamental Carrier Lifetime Exceeding 1 μ s in Cs ₂ AgBiBr ₆ Double Perovskite. Advanced Materials Interfaces, 2018, 5, 1800464.	1.9	173
129	Long-range exciton transport in conjugated polymer nanofibers prepared by seeded growth. Science, 2018, 360, 897-900.	6.0	277
130	Enhanced photovoltage for inverted planar heterojunction perovskite solar cells. Science, 2018, 360, 1442-1446.	6.0	1,221
131	Vibrationally Assisted Intersystem Crossing in Benchmark Thermally Activated Delayed Fluorescence Molecules. Journal of Physical Chemistry Letters, 2018, 9, 4053-4058.	2.1	69
132	Dedoping of Lead Halide Perovskites Incorporating Monovalent Cations. ACS Nano, 2018, 12, 7301-7311.	7.3	101
133	Scalable Triple Cation Mixed Halide Perovskite "BiVO ₄ Tandems for Bias-Free Water Splitting. Advanced Energy Materials, 2018, 8, 1801403.	10.2	128
134	Electroluminescence from Solution-Processed Pinhole-Free Nanometer-Thickness Layers of Conjugated Polymers. Nano Letters, 2018, 18, 5382-5388.	4.5	4
135	Unraveling Mechanisms of Chiral Induction in Double-Helical Metallopolymers. Journal of the American Chemical Society, 2018, 140, 10344-10353.	6.6	59
136	First Resonance Energy Transfer Drives Higher Efficiency in Ternary Blend Organic Solar Cells. ACS Applied Energy Materials, 2018, 1, 4874-4882.	2.5	34
137	Efficient Triplet Exciton Fusion in Molecularly Doped Polymer Light-Emitting Diodes. Advanced Materials, 2017, 29, 1605987.	11.1	155
138	Is the Chemical Strategy for Imparting "Polyene" Character in Diketopyrrolopyrrole-Based Chromophores Sufficient for Singlet Fission?. Journal of Physical Chemistry Letters, 2017, 8, 984-991.	2.1	28
139	A Silicon "Singlet Fission Tandem Solar Cell Exceeding 100% External Quantum Efficiency with High Spectral Stability. ACS Energy Letters, 2017, 2, 476-480.	8.8	77
140	Zinc tin oxide thin film transistors produced by a high rate reactive sputtering: Effect of tin composition and annealing temperatures. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600470.	0.8	16
141	Visualizing excitations at buried heterojunctions in organic semiconductor blends. Nature Materials, 2017, 16, 551-557.	13.3	98
142	Understanding charge transport in lead iodide perovskite thin-film field-effect transistors. Science Advances, 2017, 3, e1601935.	4.7	354
143	Chemically diverse and multifunctional hybrid organic-inorganic perovskites. Nature Reviews Materials, 2017, 2, .	23.3	867
144	Defect-Assisted Photoinduced Halide Segregation in Mixed-Halide Perovskite Thin Films. ACS Energy Letters, 2017, 2, 1416-1424.	8.8	437

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145	Benzoyl side-chains push the open-circuit voltage of PCDTBT/PCBM solar cells beyond 1ÅV. Organic Electronics, 2017, 49, 142-151.	1.4	7
146	Highly Efficient Light-Emitting Diodes of Colloidal Metalâ€“Halide Perovskite Nanocrystals beyond Quantum Size. ACS Nano, 2017, 11, 6586-6593.	7.3	310
147	On the energetics of bound charge-transfer states in organic photovoltaics. Journal of Materials Chemistry A, 2017, 5, 11949-11959.	5.2	23
148	Synthesis and Exciton Dynamics of Donor-Orthogonal Acceptor Conjugated Polymers: Reducing the Singletâ€“Triplet Energy Gap. Journal of the American Chemical Society, 2017, 139, 11073-11080.	6.6	95
149	Amine-Based Passivating Materials for Enhanced Optical Properties and Performance of Organicâ€“Inorganic Perovskites in Light-Emitting Diodes. Journal of Physical Chemistry Letters, 2017, 8, 1784-1792.	2.1	220
150	High-performance light-emitting diodes based on carbene-metal-amides. Science, 2017, 356, 159-163.	6.0	444
151	Kinetic Control of Perovskite Thin-Film Morphology and Application in Printable Light-Emitting Diodes. ACS Energy Letters, 2017, 2, 81-87.	8.8	16
152	Harnessing singlet exciton fission to break the Shockleyâ€“Queisser limit. Nature Reviews Materials, 2017, 2, .	23.3	309
153	Vibronically coherent ultrafast triplet-pair formation and subsequent thermally activated dissociation control efficient endothermic singlet fission. Nature Chemistry, 2017, 9, 1205-1212.	6.6	184
154	Ultrafast carrier thermalization in lead iodide perovskite probed with two-dimensional electronic spectroscopy. Nature Communications, 2017, 8, 376.	5.8	193
155	Metal Halide Perovskite Polycrystalline Films Exhibiting Properties of Single Crystals. Joule, 2017, 1, 155-167.	11.7	264
156	High Quality Hybrid Perovskite Semiconductor Thin Films with Remarkably Enhanced Luminescence and Defect Suppression via Quaternary Alkyl Ammonium Salt Based Treatment. Advanced Materials Interfaces, 2017, 4, 1700562.	1.9	32
157	To branch or not to branch: Câ€“H selectivity of thiophene-based donorâ€“acceptorâ€“donor monomers in direct arylation polycondensation exemplified by PCDTBT. Polymer Chemistry, 2017, 8, 4738-4745.	1.9	35
158	Monovalent Cation Doping of CH₃NH₃PbI₃ for Efficient Perovskite Solar Cells. Journal of Visualized Experiments, 2017, , .	0.2	20
159	Excitation Energy Delocalization and Transfer to Guests within M^{II}₄L₆ Cage Frameworks. Journal of the American Chemical Society, 2017, 139, 12050-12059.	6.6	60
160	High Circular Polarization of Electroluminescence Achieved <i>via</i> Self-Assembly of a Light-Emitting Chiral Conjugated Polymer into Multidomain Cholesteric Films. ACS Nano, 2017, 11, 12713-12722.	7.3	197
161	Ultrafast Long-Range Charge Separation in Nonfullerene Organic Solar Cells. ACS Nano, 2017, 11, 12473-12481.	7.3	82
162	Interfacial disorder in efficient polymer solar cells: the impact of donor molecular structure and solvent additives. Journal of Materials Chemistry A, 2017, 5, 24749-24757.	5.2	63

#	ARTICLE	IF	CITATIONS
163	Strongly exchange-coupled triplet pairs in an organic semiconductor. <i>Nature Physics</i> , 2017, 13, 176-181.	6.5	182
164	High Open-Circuit Voltages in Tin-Rich Low-Bandgap Perovskite-Based Planar Heterojunction Photovoltaics. <i>Advanced Materials</i> , 2017, 29, 1604744.	11.1	212
165	Regioisomer effects of [70]fullerene mono-adduct acceptors in bulk heterojunction polymer solar cells. <i>Chemical Science</i> , 2017, 8, 181-188.	3.7	52
166	Phenothiazine-Based Dye-Sensitized Solar Cells: Effect of Internal Acceptor and Non-Conjugated Spacer on Device Performance. <i>ChemPlusChem</i> , 2017, 82, 280-286.	1.3	7
167	Ultrafast carrier cooling and thermalization in lead iodide perovskite probed with two-dimensional electronic spectroscopy. , 2017, , .		2
168	Efficient Visible Quasi-2D Perovskite Light-Emitting Diodes. <i>Advanced Materials</i> , 2016, 28, 7515-7520.	11.1	554
169	Multi-Functional Transparent Luminescent Configuration for Advanced Photovoltaics. <i>Advanced Energy Materials</i> , 2016, 6, 1502404.	10.2	10
170	Impact of Monovalent Cation Halide Additives on the Structural and Optoelectronic Properties of CH ₃ NH ₃ PbI ₃ Perovskite. <i>Advanced Energy Materials</i> , 2016, 6, 1502472.	10.2	196
171	Improving the Stability and Performance of Perovskite Light-Emitting Diodes by Thermal Annealing Treatment. <i>Advanced Materials</i> , 2016, 28, 6906-6913.	11.1	111
172	Harvesting the Full Potential of Photons with Organic Solar Cells. <i>Advanced Materials</i> , 2016, 28, 1482-1488.	11.1	190
173	Efficient singlet exciton fission in pentacene prepared from a soluble precursor. <i>APL Materials</i> , 2016, 4, .	2.2	13
174	Enhancing photoluminescence yields in lead halide perovskites by photon recycling and light out-coupling. <i>Nature Communications</i> , 2016, 7, 13941.	5.8	427
175	PCDTBT: From Polymer Photovoltaics to Light-Emitting Diodes by Side-Chain-Controlled Luminescence. <i>Macromolecules</i> , 2016, 49, 9382-9387.	2.2	26
176	Highly Efficient Perovskite Nanocrystal Light-Emitting Diodes Enabled by a Universal Crosslinking Method. <i>Advanced Materials</i> , 2016, 28, 3528-3534.	11.1	782
177	Air-Stable n-channel Diketopyrrolopyrrole-Diketopyrrolopyrrole Oligomers for High Performance Ambipolar Organic Transistors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25415-25427.	4.0	36
178	Perovskite Light-Emitting Diodes: Efficient Visible Quasi-2D Perovskite Light-Emitting Diodes (Adv. Mater.) Tj ETQq0 0 0,rgBT /Over	11.1	19
179	Perovskite light-emitting diodes based on solution-processed self-organized multiple quantum wells. <i>Nature Photonics</i> , 2016, 10, 699-704.	15.6	1,535
180	Mapping Morphological and Structural Properties of Lead Halide Perovskites by Scanning Nanofocus XRD. <i>Advanced Functional Materials</i> , 2016, 26, 8221-8230.	7.8	27

#	ARTICLE	IF	CITATIONS
181	Compatibilization of All-Conjugated Polymer Blends for Organic Photovoltaics. ACS Nano, 2016, 10, 8087-8096.	7.3	46
182	On the Effect of Prevalent Carbazole Homocoupling Defects on the Photovoltaic Performance of PCDTBT:PC ₇₁ BM Solar Cells. Advanced Energy Materials, 2016, 6, 1601232.	10.2	52
183	Improved performance of perovskite light-emitting diodes using a PEDOT:PSS and MoO ₃ composite layer. Journal of Materials Chemistry C, 2016, 4, 8161-8165.	2.7	75
184	Spin signatures of exchange-coupled triplet pairs formed by singlet fission. Physical Review B, 2016, 94, .	1.1	43
185	Impact of a Mesoporous Titania/Perovskite Interface on the Performance of Hybrid Organic/Inorganic Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2016, 7, 3264-3269.	2.1	85
186	Low-Temperature Solution-Grown CsPbBr ₃ Single Crystals and Their Characterization. Crystal Growth and Design, 2016, 16, 5717-5725.	1.4	329
187	What Controls the Rate of Ultrafast Charge Transfer and Charge Separation Efficiency in Organic Photovoltaic Blends. Journal of the American Chemical Society, 2016, 138, 11672-11679.	6.6	179
188	Correlation between Photovoltaic Performance and Interchain Ordering Induced Delocalization of Electronics States in Conjugated Polymer Blends. ACS Applied Materials & Interfaces, 2016, 8, 20243-20250.	4.0	31
189	A facile low temperature route to deposit a TiO ₂ scattering layer for efficient dye-sensitized solar cells. RSC Advances, 2016, 6, 70895-70901.	1.7	16
190	Metal-encapsulated organolead halide perovskite photocathode for solar-driven hydrogen evolution in water. Nature Communications, 2016, 7, 12555.	5.8	165
191	Intrinsic and Extrinsic Stability of Formamidinium Lead Bromide Perovskite Solar Cells Yielding High Photovoltage. Nano Letters, 2016, 16, 7155-7162.	4.5	104
192	Limits for Recombination in a Low Energy Loss Organic Heterojunction. ACS Nano, 2016, 10, 10736-10744.	7.3	79
193	Tunable Near-Infrared Luminescence in Tin Halide Perovskite Devices. Journal of Physical Chemistry Letters, 2016, 7, 2653-2658.	2.1	122
194	Photon recycling in lead iodide perovskite solar cells. Science, 2016, 351, 1430-1433.	6.0	600
195	Low thresholds for a nonconventional polymer blend/Amplified spontaneous emission and lasing in F ₈ Li ⁺ system. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 15-21.	2.4	12
196	Synthesis and Optical Properties of Lead-Free Cesium Tin Halide Perovskite Nanocrystals. Journal of the American Chemical Society, 2016, 138, 2941-2944.	6.6	792
197	Tuneable Singlet Exciton Fission and Triplet/Annihilation in an Orthogonal Pentacene Dimer. Advanced Functional Materials, 2015, 25, 5452-5461.	7.8	184
198	Local Versus Long-Range Diffusion Effects of Photoexcited States on Radiative Recombination in Organic/Inorganic Lead Halide Perovskites. Advanced Science, 2015, 2, 1500136.	5.6	50

#	ARTICLE	IF	CITATIONS
199	Identification of a triplet pair intermediate in singlet exciton fission in solution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7656-7661.	3.3	178
200	Organic semiconductor spintronics: utilizing triplet excitons in organic electronics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20150121.	1.6	3
201	Overcoming the electroluminescence efficiency limitations of perovskite light-emitting diodes. Science, 2015, 350, 1222-1225.	6.0	2,440
202	Energy Harvesting: Optically Switchable Smart Windows with Integrated Photovoltaic Devices (Adv.) Tj ETQq0 0 0 r gBT /Overlock 10 Tf 10.2	10.2	1
203	Ultrasooth organica€“inorganic perovskite thin-film formation and crystallization for efficient planar heterojunction solar cells. Nature Communications, 2015, 6, 6142.	5.8	784
204	Enhanced Performance in Fluorene€“Free Organometal Halide Perovskite Light€“Emitting Diodes using Tunable, Low Electron Affinity Oxide Electron Injectors. Advanced Materials, 2015, 27, 1414-1419.	11.1	283
205	In Situ Optical Measurement of Charge Transport Dynamics in Organic Photovoltaics. Nano Letters, 2015, 15, 931-935.	4.5	8
206	First Principles Calculations of Charge Transfer Excitations in Polymer€“Fullerene Complexes: Influence of Excess Energy. Advanced Functional Materials, 2015, 25, 1972-1984.	7.8	59
207	Size-Dependent Photon Emission from Organometal Halide Perovskite Nanocrystals Embedded in an Organic Matrix. Journal of Physical Chemistry Letters, 2015, 6, 446-450.	2.1	160
208	Electroluminescence from Organometallic Lead Halide Perovskite€“Conjugated Polymer Diodes. Advanced Electronic Materials, 2015, 1, 1500008.	2.6	62
209	Atmospheric Influence upon Crystallization and Electronic Disorder and Its Impact on the Photophysical Properties of Organica€“Inorganic Perovskite Solar Cells. ACS Nano, 2015, 9, 2311-2320.	7.3	173
210	Interfacial Control Toward Efficient and Low€“Voltage Perovskite Light€“Emitting Diodes. Advanced Materials, 2015, 27, 2311-2316.	11.1	631
211	Efficient Light-Emitting Diodes Based on Nanocrystalline Perovskite in a Dielectric Polymer Matrix. Nano Letters, 2015, 15, 2640-2644.	4.5	621
212	In situ synthesis, crystallisation, and thin-film processing of single crystals of trans-[Ru(SO₂)(NH₃)₄(H₂O)][p-TolSO₃]₂ bearing SO₂ linkage photo-isomers: towards optical device applications. CrystEngComm, 2015, 17, 5026-5031.	1.3	9
213	Blue-Green Color Tunable Solution Processable Organolead Chloride€“Bromide Mixed Halide Perovskites for Optoelectronic Applications. Nano Letters, 2015, 15, 6095-6101.	4.5	461
214	The Nature of Singlet Exciton Fission in Carotenoid Aggregates. Journal of the American Chemical Society, 2015, 137, 5130-5139.	6.6	152
215	Device Performance of Small-Molecule Azomethine-Based Bulk Heterojunction Solar Cells. Chemistry of Materials, 2015, 27, 2990-2997.	3.2	45
216	Hot-carrier cooling and photoinduced refractive index changes in organica€“inorganic lead halide perovskites. Nature Communications, 2015, 6, 8420.	5.8	491

#	ARTICLE	IF	CITATIONS
217	A first-principles study of the vibrational properties of crystalline tetracene under pressure. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 375402.	0.7	13
218	Enhancing Phase Separation and Photovoltaic Performance of All-Conjugated Donor-Acceptor Block Copolymers with Semifluorinated Alkyl Side Chains. <i>Macromolecules</i> , 2015, 48, 7851-7860.	2.2	52
219	Nanoscale investigation of organic-inorganic halide perovskites. <i>Journal of Physics: Conference Series</i> , 2015, 644, 012024.	0.3	1
220	Perovskite Crystals for Tunable White Light Emission. <i>Chemistry of Materials</i> , 2015, 27, 8066-8075.	3.2	362
221	Bright and efficient blue polymer light emitting diodes with reduced operating voltages processed entirely at low-temperature. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9327-9336.	2.7	11
222	Spin-dependent recombination probed through the dielectric polarizability. <i>Nature Communications</i> , 2015, 6, 8534.	5.8	28
223	Field-enhanced recombination at low temperatures in an organic photovoltaic blend. <i>Physical Review B</i> , 2015, 92, .	1.1	8
224	Enhanced optoelectronic quality of perovskite thin films with hypophosphorous acid for planar heterojunction solar cells. <i>Nature Communications</i> , 2015, 6, 10030.	5.8	620
225	Influence of an Inorganic Interlayer on Exciton Separation in Hybrid Solar Cells. <i>ACS Nano</i> , 2015, 9, 11863-11871.	7.3	22
226	Solution-Processable Singlet Fission Photovoltaic Devices. <i>Nano Letters</i> , 2015, 15, 354-358.	4.5	133
227	Optical properties and limiting photocurrent of thin-film perovskite solar cells. <i>Energy and Environmental Science</i> , 2015, 8, 602-609.	15.6	417
228	Role of PbSe Structural Stabilization in Photovoltaic Cells. <i>Advanced Functional Materials</i> , 2015, 25, 928-935.	7.8	21
229	Optically Switchable Smart Windows with Integrated Photovoltaic Devices. <i>Advanced Energy Materials</i> , 2015, 5, 1401347.	10.2	81
230	Singlet exciton fission in solution. <i>Photochemistry</i> , 2015, , 270-285.	0.2	1
231	Engineering Schottky Contacts in Open-Air Fabricated Heterojunction Solar Cells to Enable High Performance and Ohmic Charge Transport. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22192-22198.	4.0	25
232	In-situ Switching from Barrier-Limited to Ohmic Anodes for Efficient Organic Optoelectronics. <i>Advanced Functional Materials</i> , 2014, 24, 3051-3058.	7.8	33
233	Nanosecond Intersystem Crossing Times in Fullerene Acceptors: Implications for Organic Photovoltaic Diodes. <i>Advanced Materials</i> , 2014, 26, 4851-4854.	11.1	63
234	Thick polymer light-emitting diodes with very high power efficiency using Ohmic charge-injection layers. <i>Semiconductor Science and Technology</i> , 2014, 29, 025005.	1.0	9

#	ARTICLE	IF	CITATIONS
235	Unequal Partnership: Asymmetric Roles of Polymeric Donor and Fullerene Acceptor in Generating Free Charge. <i>Journal of the American Chemical Society</i> , 2014, 136, 2876-2884.	6.6	235
236	Bimolecular Recombination in Organic Photovoltaics. <i>Annual Review of Physical Chemistry</i> , 2014, 65, 557-581.	4.8	218
237	High Photoluminescence Efficiency and Optically Pumped Lasing in Solution-Processed Mixed Halide Perovskite Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1421-1426.	2.1	1,490
238	Improved Exciton Dissociation at Semiconducting Polymer:ZnO Donor:Acceptor Interfaces via Nitrogen Doping of ZnO. <i>Advanced Functional Materials</i> , 2014, 24, 3562-3570.	7.8	60
239	Low-Temperature Transport Properties of Photogenerated Charges in Organic Materials. <i>Physical Review Letters</i> , 2014, 112, 126802.	2.9	12
240	A transferable model for singlet-fission kinetics. <i>Nature Chemistry</i> , 2014, 6, 492-497.	6.6	402
241	Interface limited charge extraction and recombination in organic photovoltaics. <i>Energy and Environmental Science</i> , 2014, 7, 2227.	15.6	33
242	Quantitative Bimolecular Recombination in Organic Photovoltaics through Triplet Exciton Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 3424-3429.	6.6	93
243	A new blue light emitting and electrochromic polyfluorene derivative for display applications. <i>Organic Electronics</i> , 2014, 15, 500-508.	1.4	33
244	Ultrafast Long-Range Charge Separation in Organic Semiconductor Photovoltaic Diodes. <i>Science</i> , 2014, 343, 512-516.	6.0	807
245	Heterojunction Modification for Highly Efficient Organic-Inorganic Perovskite Solar Cells. <i>ACS Nano</i> , 2014, 8, 12701-12709.	7.3	614
246	A study of tin oxide as an electron injection layer in hybrid polymer light-emitting diodes. <i>Semiconductor Science and Technology</i> , 2014, 29, 125002.	1.0	8
247	Efficiency limitations in a low band-gap diketopyrrolopyrrole-based polymer solar cell. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 6743-6752.	1.3	17
248	How disorder controls the kinetics of triplet charge recombination in semiconducting organic polymer photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 20321-20328.	1.3	37
249	Structure formation in P3HT/F8TBT blends. <i>Energy and Environmental Science</i> , 2014, 7, 1725-1736.	15.6	36
250	Improved Performance of ZnO/Polymer Hybrid Photovoltaic Devices by Combining Metal Oxide Doping and Interfacial Modification. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18945-18950.	1.5	36
251	Bright light-emitting diodes based on organometal halide perovskite. <i>Nature Nanotechnology</i> , 2014, 9, 687-692.	15.6	3,627
252	Performance and Stability Enhancement of Dye-Sensitized and Perovskite Solar Cells by Al Doping of TiO ₂ . <i>Advanced Functional Materials</i> , 2014, 24, 6046-6055.	7.8	330

#	ARTICLE	IF	CITATIONS
253	Temperature- and Voltage-Induced Ligand Rearrangement of a Dynamic Electroluminescent Metallopolymer. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8388-8391.	7.2	77
254	Highly efficient inverted polymer light-emitting diodes using surface modifications of ZnO layer. <i>Nature Communications</i> , 2014, 5, 4840.	5.8	138
255	Resonant energy transfer of triplet excitons from pentacene to PbSe nanocrystals. <i>Nature Materials</i> , 2014, 13, 1033-1038.	13.3	246
256	Preparation of Single-Phase Films of $\text{CH}_3\text{NH}_3\text{Pb}(\text{I}_x\text{Br}_{3-x})_3$ with Sharp Optical Band Edges. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2501-2505.	2.1	385
257	Triplet Dynamics in Pentacene Crystals: Applications to Fission-Sensitized Photovoltaics. <i>Advanced Materials</i> , 2014, 26, 919-924.	11.1	62
258	Improved Open-Circuit Voltage in ZnO/PbSe Quantum Dot Solar Cells by Understanding and Reducing Losses Arising from the ZnO Conduction Band Tail. <i>Advanced Energy Materials</i> , 2014, 4, 1301544.	10.2	94
259	Ultrafast Optical Control of Charge Dynamics in Organic and Hybrid Electronic Nanodevices. , 2014, , .		0
260	Ultrafast Long-Range Charge Separation in Organic Semiconductor Photovoltaic Diodes. , 2014, , .		1
261	The role of spin in the kinetic control of recombination in organic photovoltaics. <i>Nature</i> , 2013, 500, 435-439.	13.7	460
262	Activated Singlet Exciton Fission in a Semiconducting Polymer. <i>Journal of the American Chemical Society</i> , 2013, 135, 12747-12754.	6.6	143
263	The Influence of Side-Chain Position on the Optoelectronic Properties of a Red-Emitting Conjugated Polymer. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 967-974.	1.1	23
264	Improved fill factors in solution-processed ZnO/Cu ₂ O photovoltaics. <i>Thin Solid Films</i> , 2013, 536, 280-285.	0.8	24
265	Temperature-Independent Singlet Exciton Fission in Tetracene. <i>Journal of the American Chemical Society</i> , 2013, 135, 16680-16688.	6.6	198
266	Singlet exciton fission in solution. <i>Nature Chemistry</i> , 2013, 5, 1019-1024.	6.6	450
267	Polymer Crystallization as a Tool To Pattern Hybrid Nanostructures: Growth of 12 nm ZnO Arrays in Poly(3-hexylthiophene). <i>Nano Letters</i> , 2013, 13, 4499-4504.	4.5	27
268	Organic semiconductor LEDs and photovoltaic diodes. , 2013, , .		0
269	Charge-Transfer State Dynamics Following Hole and Electron Transfer in Organic Photovoltaic Devices. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 209-215.	2.1	120
270	Liquid crystalline chromophores for photonic band-edge laser devices. <i>Optical Materials</i> , 2013, 35, 837-842.	1.7	26

#	ARTICLE	IF	CITATIONS
271	Control of Intrachain Charge Transfer in Model Systems for Block Copolymer Photovoltaic Materials. <i>Journal of the American Chemical Society</i> , 2013, 135, 5074-5083.	6.6	57
272	Donor-acceptor interface modification by zwitterionic conjugated polyelectrolytes in polymer photovoltaics. <i>Energy and Environmental Science</i> , 2013, 6, 1589.	15.6	46
273	Recombination Dynamics of Charge Pairs in a Push-Pull Polyfluorene-Derivative. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4649-4653.	1.2	30
274	Singlet Exciton Fission in Polycrystalline Pentacene: From Photophysics toward Devices. <i>Accounts of Chemical Research</i> , 2013, 46, 1330-1338.	7.6	230
275	Crystallization-Induced 10-nm Structure Formation in P3HT/PCBM Blends. <i>Macromolecules</i> , 2013, 46, 4002-4013.	2.2	136
276	Suppressing Recombination in Polymer Photovoltaic Devices via Energy-Level Cascades. <i>Advanced Materials</i> , 2013, 25, 4131-4138.	11.1	57
277	A nano-patterned photonic crystal laser with a dye-doped liquid crystal. <i>Applied Physics Letters</i> , 2013, 103, 051101.	1.5	13
278	Triplet diffusion in singlet exciton fission sensitized pentacene solar cells. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	67
279	Preface. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20130130.	1.6	1
280	Ultrafast Pump-Push Photocurrent Spectroscopy of Organic Photoconversion Systems. <i>EPJ Web of Conferences</i> , 2013, 41, 05020.	0.1	3
281	Effective work functions for the evaporated metal/organic semiconductor contacts from in-situ diode flatband potential measurements. <i>Applied Physics Letters</i> , 2012, 101, 013501.	1.5	22
282	Triplet dynamics in fluorescent polymer light-emitting diodes. <i>Physical Review B</i> , 2012, 85, .	1.1	153
283	Time-Evolution of Poly(3-Hexylthiophene) as an Energy Relay Dye in Dye-Sensitized Solar Cells. <i>Nano Letters</i> , 2012, 12, 634-639.	4.5	38
284	Synthesis and Photophysics of Fully π -Conjugated Heterobis-Functionalized Polymeric Molecular Wires via Suzuki Chain-Growth Polymerization. <i>Journal of the American Chemical Society</i> , 2012, 134, 17769-17777.	6.6	68
285	Aqueous Self-Assembly of an Electroluminescent Double-Helical Metallopolymer. <i>Journal of the American Chemical Society</i> , 2012, 134, 19170-19178.	6.6	63
286	Morphology-Dependent Charge Photogeneration in Donor-Acceptor Block Copolymer Films Based on Poly(3-hexylthiophene)- <i>b</i> -Poly(perylene bisimide acrylate). <i>Journal of Physical Chemistry B</i> , 2012, 116, 10070-10078.	1.2	26
287	A nanoimprinted, optically tuneable organic laser. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	26
288	Hybrid pentacene/a-silicon solar cells utilizing multiple carrier generation via singlet exciton fission. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	54

#	ARTICLE	IF	CITATIONS
289	Direct Observation of Photoinduced Bound Charge-Pair States at an Organic-Inorganic Semiconductor Interface. <i>Physical Review Letters</i> , 2012, 108, 246605.	2.9	66
290	Effects of Polymer Packing Structure on Photoinduced Triplet Generation and Dynamics. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11298-11305.	1.5	7
291	The Role of Driving Energy and Delocalized States for Charge Separation in Organic Semiconductors. <i>Science</i> , 2012, 335, 1340-1344.	6.0	1,022
292	On the Energetic Dependence of Charge Separation in Low-Band-Gap Polymer/Fullerene Blends. <i>Journal of the American Chemical Society</i> , 2012, 134, 18189-18192.	6.6	180
293	Collective osmotic shock in ordered materials. <i>Nature Materials</i> , 2012, 11, 53-57.	13.3	56
294	In situ measurement of exciton energy in hybrid singlet-fission solar cells. <i>Nature Communications</i> , 2012, 3, 1019.	5.8	165
295	High internal quantum efficiency in fullerene solar cells based on crosslinked polymer donor networks. <i>Nature Communications</i> , 2012, 3, 1321.	5.8	83
296	Oligomeric Compatibilizers for Control of phase Separation in Conjugated Polymer Blend Films. <i>Macromolecules</i> , 2012, 45, 1468-1475.	2.2	12
297	On the Role of Single Regiodefects and Polydispersity in Regioregular Poly(3-hexylthiophene): Defect Distribution, Synthesis of Defect-Free Chains, and a Simple Model for the Determination of Crystallinity. <i>Journal of the American Chemical Society</i> , 2012, 134, 4790-4805.	6.6	185
298	White-light bias external quantum efficiency measurements of standard and inverted P3HT:PCBM photovoltaic cells. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 415101.	1.3	26
299	Blue-phase templated fabrication of three-dimensional nanostructures for photonic applications. <i>Nature Materials</i> , 2012, 11, 599-603.	13.3	231
300	Excitons and charges at organic semiconductor heterojunctions. <i>Faraday Discussions</i> , 2012, 155, 339-348.	1.6	38
301	Recent Advances in Hybrid Optoelectronics. <i>Israel Journal of Chemistry</i> , 2012, 52, 496-517.	1.0	18
302	Exciton Charge Annihilation in Organic Semiconductor Films. <i>Advanced Functional Materials</i> , 2012, 22, 1567-1577.	7.8	99
303	Compositional and Morphological Studies of Polythiophene/Polyflorene Blends in Inverted Architecture Hybrid Solar Cells. <i>Advanced Functional Materials</i> , 2012, 22, 2418-2424.	7.8	29
304	Barium Hydroxide as an Interlayer Between Zinc Oxide and a Luminescent Conjugated Polymer for Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2012, 22, 4165-4171.	7.8	79
305	Highly Efficient Single-Layer Polymer Ambipolar Light-Emitting Field-Effect Transistors. <i>Advanced Materials</i> , 2012, 24, 2728-2734.	11.1	146
306	Singlet Exciton Fission-Sensitized Infrared Quantum Dot Solar Cells. <i>Nano Letters</i> , 2012, 12, 1053-1057.	4.5	200

#	ARTICLE	IF	CITATIONS
307	Thin-film ZnO/Cu ₂ O solar cells incorporating an organic buffer layer. <i>Solar Energy Materials and Solar Cells</i> , 2012, 96, 148-154.	3.0	51
308	Charge-Carrier Balance and Color Purity in Polyfluorene Polymer Blends for Blue Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2012, 22, 144-150.	7.8	67
309	Solvent Additive Control of Morphology and Crystallization in Semiconducting Polymer Blends. <i>Advanced Materials</i> , 2012, 24, 669-674.	11.1	152
310	Tunable Charge Transport Using Supramolecular Self-Assembly of Nanostructured Crystalline Block Copolymers. <i>ACS Nano</i> , 2011, 5, 3506-3515.	7.3	37
311	Conjugated Zwitterionic Polyelectrolyte as the Charge Injection Layer for High-Performance Polymer Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2011, 133, 683-685.	6.6	189
312	Influence of Side Chains on Geminate and Bimolecular Recombination in Organic Solar Cells. <i>Journal of Physical Chemistry C</i> , 2011, 115, 25046-25055.	1.5	36
313	Ultrafast Dynamics of Exciton Fission in Polycrystalline Pentacene. <i>Journal of the American Chemical Society</i> , 2011, 133, 11830-11833.	6.6	394
314	The Binding Energy of Charge-Transfer Excitons Localized at Polymeric Semiconductor Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7114-7119.	1.5	131
315	Photophysics of pentacene thin films: The role of exciton fission and heating effects. <i>Physical Review B</i> , 2011, 84, .	1.1	114
316	High-Performance Electron-Transporting Polymers Derived from a Heteroaryl Bis(trifluoroborate). <i>Journal of the American Chemical Society</i> , 2011, 133, 9949-9951.	6.6	78
317	Sequential Energy and Electron Transfer in Polyisocyanopeptide-Based Multichromophoric Arrays. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1590-1600.	1.2	16
318	Surface-Directed Spinodal Decomposition in Poly[3-hexylthiophene] and C ₆₁ -Butyric Acid Methyl Ester Blends. <i>ACS Nano</i> , 2011, 5, 329-336.	7.3	113
319	Ag-nanowire films coated with ZnO nanoparticles as a transparent electrode for solar cells. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	149
320	Tuning interchain and intrachain interactions in polyfluorene copolymers. <i>Physical Review B</i> , 2011, 84, .	1.1	33
321	Giant broadband nonlinear optical absorption response in dispersed graphene single sheets. <i>Nature Photonics</i> , 2011, 5, 554-560.	15.6	425
322	Formation of Well-Ordered Heterojunctions in Polymer:PCBM Photovoltaic Devices. <i>Advanced Functional Materials</i> , 2011, 21, 139-146.	7.8	78
323	Room-Temperature Phase Demixing in Bulk Heterojunction Layers of Solution-Processed Organic Photodetectors: the Effect of Active Layer Ageing on the Device Electro-Optical Properties. <i>Advanced Functional Materials</i> , 2011, 21, 1355-1363.	7.8	16
324	Doping of Organic Semiconductors Using Molybdenum Trioxide: a Quantitative Time-Dependent Electrical and Spectroscopic Study. <i>Advanced Functional Materials</i> , 2011, 21, 1432-1441.	7.8	119

#	ARTICLE	IF	CITATIONS
325	Polymer Blend Solar Cells Based on a High-Mobility Naphthalenediimide-Based Polymer Acceptor: Device Physics, Photophysics and Morphology. <i>Advanced Energy Materials</i> , 2011, 1, 230-240.	10.2	199
326	Measurement of thermal modulation of optical absorption in pump-probe spectroscopy of semiconducting polymers. <i>Applied Physics Letters</i> , 2011, 98, 223304.	1.5	41
327	Improved electron injection in poly(9,9-dioctylfluorene)-co-benzothiadiazole via cesium carbonate by means of coannealing. <i>Applied Physics Letters</i> , 2011, 98, 113306.	1.5	36
328	Tuning the electronic coupling in a low-bandgap donor-acceptor copolymer via the placement of side-chains. <i>Journal of Chemical Physics</i> , 2011, 134, 114901.	1.2	34
329	Improved photoinduced charge carriers separation in organic-inorganic hybrid photovoltaic devices. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	100
330	Exciton Fission and Charge Generation via Triplet Excitons in Pentacene/C ₆₀ Bilayers. <i>Journal of the American Chemical Society</i> , 2010, 132, 12698-12703.	6.6	295
331	Solution-Processed Zinc Oxide as High-Performance Air-Stable Electron Injector in Organic Ambipolar Light-Emitting Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2010, 20, 3457-3465.	7.8	84
332	The Dependence of Device Dark Current on the Active-Layer Morphology of Solution-Processed Organic Photodetectors. <i>Advanced Functional Materials</i> , 2010, 20, 3895-3903.	7.8	85
333	Poly(9,9-dioctylfluorene)-Based Conjugated Polyelectrolyte: Extended π -Electron Conjugation Induced by Complexation with a Surfactant Zwitterion. <i>Advanced Materials</i> , 2010, 22, 2073-2077.	11.1	29
334	Macromolecular Scaffolding: The Relationship Between Nanoscale Architecture and Function in Multichromophoric Arrays for Organic Electronics. <i>Advanced Materials</i> , 2010, 22, E81-8.	11.1	39
335	Increased $\langle T \rangle$ in Electrolyte-Gated Cuprates. <i>Advanced Materials</i> , 2010, 22, 2529-2533.	11.1	50
336	Efficient Single-Layer Polymer Light-Emitting Diodes. <i>Advanced Materials</i> , 2010, 22, 3194-3198.	11.1	243
337	Direct Measurement of Electric Field-Assisted Charge Separation in Polymer:Fullerene Photovoltaic Diodes. <i>Advanced Materials</i> , 2010, 22, 3672-3676.	11.1	127
338	Multichromophoric Phthalocyanine-(Perylene)diimide Molecules: A Photophysical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 10021-10029.	1.7	23
339	High-performance polymer semiconducting heterostructure devices by nitrene-mediated photocrosslinking of alkyl side chains. <i>Nature Materials</i> , 2010, 9, 152-158.	13.3	241
340	Mechanically tunable conjugated polymer distributed feedback lasers. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	83
341	Pressure-Induced Delocalization of Photoexcited States in a Semiconducting Polymer. <i>Physical Review Letters</i> , 2010, 105, 195501.	2.9	22
342	Subnanosecond Geminate Charge Recombination in Polymer-Polymer Photovoltaic Devices. <i>Physical Review Letters</i> , 2010, 104, 177701.	2.9	79

#	ARTICLE	IF	CITATIONS
343	Dielectric switching of the nature of excited singlet state in a donor-acceptor-type polyfluorene copolymer. <i>Physical Review B</i> , 2010, 81, .	1.1	29
344	Probing thin-film morphology of conjugated polymers by Raman spectroscopy. <i>Journal of Applied Physics</i> , 2010, 107, 024902.	1.1	16
345	Dye-Sensitized Solar Cell Based on a Three-Dimensional Photonic Crystal. <i>Nano Letters</i> , 2010, 10, 2303-2309.	4.5	310
346	All-aromatic liquid crystal triphenylamine-based poly(azomethine)s as hole transport materials for opto-electronic applications. <i>Journal of Materials Chemistry</i> , 2010, 20, 937-944.	6.7	118
347	Effect of Annealing on P3HT:PCBM Charge Transfer and Nanoscale Morphology Probed by Ultrafast Spectroscopy. <i>Nano Letters</i> , 2010, 10, 923-930.	4.5	274
348	Enhanced Photoresponse in Solid-State Excitonic Solar Cells via Resonant Energy Transfer and Cascaded Charge Transfer from a Secondary Absorber. <i>Nano Letters</i> , 2010, 10, 4981-4988.	4.5	47
349	Synthesis, characterization and comparative OFET behaviour of indenofluorene- <i>b</i> ithiophene and terthiophene alternating copolymers. <i>Synthetic Metals</i> , 2010, 160, 468-474.	2.1	10
350	Comparison of the performance of photonic band-edge liquid crystal lasers using different dyes as the gain medium. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	75
351	Charge Recombination and Exciton Annihilation Reactions in Conjugated Polymer Blends. <i>Journal of the American Chemical Society</i> , 2010, 132, 328-335.	6.6	65
352	Formation of Nanopatterned Polymer Blends in Photovoltaic Devices. <i>Nano Letters</i> , 2010, 10, 1302-1307.	4.5	248
353	Phase-Separated Thin Film Structures for Efficient Polymer Blend Light-Emitting Diodes. <i>Nano Letters</i> , 2010, 10, 385-392.	4.5	41
354	Synthesis and characterization of low bandgap conjugated donor-acceptor polymers for polymer:PCBM solar cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 9231.	6.7	28
355	Direct Evidence for the Role of the Madelung Potential in Determining the Work Function of Doped Organic Semiconductors. <i>Physical Review Letters</i> , 2009, 102, 096602.	2.9	31
356	Electron spin resonance and electron nuclear double resonance of photogenerated polarons in polyfluorene and its fullerene composite. <i>Physical Review B</i> , 2009, 79, .	1.1	34
357	All-solution based device engineering of multilayer polymeric photodiodes: Minimizing dark current. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	63
358	Determining exciton bandwidth and film microstructure in polythiophene films using linear absorption spectroscopy. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	492
359	Role of π -Hole-Doped Interfaces at Ohmic Contacts to Organic Semiconductors. <i>Physical Review Letters</i> , 2009, 103, 036601.	2.9	32
360	Determining exciton coherence from the photoluminescence spectral line shape in poly(3-hexylthiophene) thin films. <i>Journal of Chemical Physics</i> , 2009, 130, 074904.	1.2	241

#	ARTICLE	IF	CITATIONS
361	Charge-transfer character of excitons in poly[2,7-(9,9-di-n-octylfluorene)(1-x)-co-4,7-(2,1,3-benzothiadiazole)(x)]. <i>Journal of Chemical Physics</i> , 2009, 131, 035104.	1.2	33
362	Optically Pumped Lasing in Hybrid Organic-Inorganic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2009, 19, 2130-2136.	7.8	55
363	Correlation of Heterojunction Luminescence Quenching and Photocurrent in Polymer Blend Photovoltaic Diodes. <i>Advanced Materials</i> , 2009, 21, 3924-3927.	11.1	40
364	Helix-Like Perylene Polyisocyanopeptides. <i>Chemistry - A European Journal</i> , 2009, 15, 2536-2547.	1.7	64
365	Does interchain stacking morphology contribute to the singlet-triplet interconversion dynamics in polymer heterojunctions?. <i>Chemical Physics</i> , 2009, 357, 159-162.	0.9	3
366	Perylene Tetracarboxydiimide as an Electron Acceptor in Organic Solar Cells: A Study of Charge Generation and Recombination. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21225-21232.	1.5	140
367	The Relationship between Nanoscale Architecture and Charge Transport in Conjugated Nanocrystals Bridged by Multichromophoric Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 7055-7063.	6.6	52
368	Improved Performance of Perylene-Based Photovoltaic Cells Using Polyisocyanopeptide Arrays. <i>Macromolecules</i> , 2009, 42, 2023-2030.	2.2	78
369	Ion-Induced Formation of Charge-Transfer States in Conjugated Polyelectrolytes. <i>Journal of the American Chemical Society</i> , 2009, 131, 8913-8921.	6.6	78
370	Efficient ZnO Nanowire Solid-State Dye-Sensitized Solar Cells Using Organic Dyes and Core-shell Nanostructures. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18515-18522.	1.5	85
371	Excitonic versus electronic couplings in molecular assemblies: The importance of non-nearest neighbor interactions. <i>Journal of Chemical Physics</i> , 2009, 130, 044105.	1.2	133
372	Large Electric Field Effect in Electrolyte-Gated Manganites. <i>Physical Review Letters</i> , 2009, 102, 136402.	2.9	170
373	Effects of Layer Thickness and Annealing of PEDOT:PSS Layers in Organic Photodetectors. <i>Macromolecules</i> , 2009, 42, 6741-6747.	2.2	253
374	Efficient Conjugated Polymer Optoelectronic Devices Fabricated by Thin Film Transfer Printing Technique. <i>Advanced Functional Materials</i> , 2008, 18, 1012-1019.	7.8	125
375	Efficient Polythiophene/Polyfluorene Copolymer Bulk Heterojunction Photovoltaic Devices: Device Physics and Annealing Effects. <i>Advanced Functional Materials</i> , 2008, 18, 2309-2321.	7.8	242
376	Surface-Directed Phase Separation of Conjugated Polymer Blends for Efficient Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2008, 18, 2897-2904.	7.8	50
377	Amplified Spontaneous Emission of Poly(ladder-type phenylene)s - The Influence of Photophysical Properties on ASE Thresholds. <i>Advanced Functional Materials</i> , 2008, 18, 3265-3275.	7.8	42
378	Intermolecular Interactions of Perylene diimides in Photovoltaic Blends of Fluorene Copolymers: Disorder Effects on Photophysical Properties, Film Morphology and Device Efficiency. <i>Advanced Functional Materials</i> , 2008, 18, 3189-3202.	7.8	87

#	ARTICLE	IF	CITATIONS
379	Electronic Transport Properties of Ensembles of Perylene-Substituted Polyisocyanopeptide Arrays. <i>Advanced Functional Materials</i> , 2008, 18, 3947-3955.	7.8	70
380	Control of Rapid Formation of Interchain Excited States in Sugar-Threaded Supramolecular Wires. <i>Advanced Materials</i> , 2008, 20, 3218-3223.	11.1	56
381	High Efficiency Composite Metal Oxide-Polymer Electroluminescent Devices: A Morphological and Material Based Investigation. <i>Advanced Materials</i> , 2008, 20, 3447-3452.	11.1	143
382	Band-Like Transport in Surface-Functionalized Highly Solution-Processable Graphene Nanosheets. <i>Advanced Materials</i> , 2008, 20, 3440-3446.	11.1	299
383	Controlling Electrical Properties of Conjugated Polymers via a Solution-Based p-Type Doping. <i>Advanced Materials</i> , 2008, 20, 3319-3324.	11.1	256
384	Tunable Ultrafast Optical Switching via Waveguided Gold Nanowires. <i>Advanced Materials</i> , 2008, 20, 4455-4459.	11.1	99
385	Electronic structures of interfacial states formed at polymeric semiconductor heterojunctions. <i>Nature Materials</i> , 2008, 7, 483-489.	13.3	180
386	Triplet energy transfer in conjugated polymers. I. Experimental investigation of a weakly disordered compound. <i>Physical Review B</i> , 2008, 78, .	1.1	62
387	Optoelectronic and Charge Transport Properties at Organic~Organic Semiconductor Interfaces: Comparison between Polyfluorene-Based Polymer Blend and Copolymer. <i>Journal of the American Chemical Society</i> , 2008, 130, 13120-13131.	6.6	84
388	Quantum efficiency of ambipolar light-emitting polymer field-effect transistors. <i>Journal of Applied Physics</i> , 2008, 103, .	1.1	89
389	A Unified Description of Current-Voltage Characteristics in Organic and Hybrid Photovoltaics under Low Light Intensity. <i>Nano Letters</i> , 2008, 8, 1393-1398.	4.5	92
390	Investigation into the Phosphorescence of a Series of Regioisomeric Iridium(III) Complexes. <i>Organometallics</i> , 2008, 27, 2980-2989.	1.1	38
391	Low-Temperature Control of Nanoscale Morphology for High Performance Polymer Photovoltaics. <i>Nano Letters</i> , 2008, 8, 3942-3947.	4.5	82
392	Charge Recombination in Organic Photovoltaic Devices with High Open-Circuit Voltages. <i>Journal of the American Chemical Society</i> , 2008, 130, 13653-13658.	6.6	204
393	Exciplex emission from electroluminescent ladder-type pentaphenylene oligomers bearing both electron- and hole-accepting substituents. <i>Journal of Chemical Physics</i> , 2008, 128, 044703.	1.2	12
394	X-ray stability and response of polymeric photodiodes for imaging applications. <i>Applied Physics Letters</i> , 2008, 92, 023304.	1.5	63
395	Tuning Interfacial Charge-Transfer Excitons at Polymer-Polymer Heterojunctions under Hydrostatic Pressure. <i>Physical Review Letters</i> , 2008, 100, 157401.	2.9	24
396	Tuning the wavelength of lasing emission in organic semiconducting laser by the orientation of liquid crystalline conjugated polymer. <i>Journal of Applied Physics</i> , 2008, 104, .	1.1	27

#	ARTICLE	IF	CITATIONS
397	Charge recombination in distributed heterostructures of semiconductor discotic and polymeric materials.. Journal of Applied Physics, 2008, 103, 124510.	1.1	16
398	Chemical reversability of the electrical dedoping of conducting polymers: An organic chemically erasable programmable read-only memory. Applied Physics Letters, 2008, 93, 033314.	1.5	4
399	Probing the Morphology and Energy Landscape of Blends of Conjugated Polymers with Sub-10Ånm Resolution. Physical Review Letters, 2008, 101, 016102.	2.9	57
400	Direct Evidence for Delocalization of Charge Carriers at the Fermi Level in a Doped Conducting Polymer. Physical Review Letters, 2008, 100, 186601.	2.9	16
401	Polarization anisotropy dynamics for thin films of a conjugated polymer aligned by nanoimprinting. Physical Review B, 2008, 77, .	1.1	28
402	Publisher's Note: Probing the Morphology and Energy Landscape of Blends of Conjugated Polymers with Sub-10Ånm Resolution [Phys. Rev. Lett.101, 016102 (2008)]. Physical Review Letters, 2008, 101, .	2.9	1
403	Multiphoton excited photoconductivity in polyfluorene. Physical Review B, 2007, 75, .	1.1	14
404	Optical Spectroscopy of a Polyfluorene Copolymer at High Pressure: Intra- and Intermolecular Interactions. Physical Review Letters, 2007, 99, 167401.	2.9	92
405	Large-area two-dimensional photonic crystals of metallic nanocylinders based on colloidal gold nanoparticles. Applied Physics Letters, 2007, 90, 133114.	1.5	35
406	Modeling the effect of the structure of polymer photocells on their absorption spectrum. Journal of Applied Physics, 2007, 102, 013105.	1.1	8
407	Crystal Structure and Magnetism of (-) ₂ ₄ , (BEDT-TTF =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf ₅₀ 342 Td		
408	Role of Intermolecular Coupling in the Photophysics of Disordered Organic Semiconductors: Aggregate Emission in Regioregular Polythiophene. Physical Review Letters, 2007, 98, 206406.	2.9	816
409	Nonlithographic patterning through inkjet printing via holes. Applied Physics Letters, 2007, 90, 253513.	1.5	33
410	Dual electron donor/electron acceptor character of a conjugated polymer in efficient photovoltaic diodes. Applied Physics Letters, 2007, 90, 193506.	1.5	223
411	Influence of Nanoscale Phase Separation on the Charge Generation Dynamics and Photovoltaic Performance of Conjugated Polymer Blends: Balancing Charge Generation and Separation. Journal of Physical Chemistry C, 2007, 111, 19153-19160.	1.5	209
412	Control of luminescence in conjugated polymers through control of chain microstructure. Journal of Materials Chemistry, 2007, 17, 907-912.	6.7	13
413	In situ identification of a luminescence quencher in an organic light-emitting device. Journal of Materials Chemistry, 2007, 17, 76-81.	6.7	38
414	Electro-optical Devices using Organic Semiconductors. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0

#	ARTICLE	IF	CITATIONS
415	Uniaxial Alignment of Liquid-Crystalline Conjugated Polymers by Nanoconfinement. Nano Letters, 2007, 7, 987-992.	4.5	173
416	Monte Carlo Simulation of Exciton Bimolecular Annihilation Dynamics in Supramolecular Semiconductor Architectures. Journal of Physical Chemistry C, 2007, 111, 19111-19119.	1.5	17
417	Efficiency Enhancements in Solid-State Hybrid Solar Cells via Reduced Charge Recombination and Increased Light Capture. Nano Letters, 2007, 7, 3372-3376.	4.5	363
418	Crystal and electronic structures and electrical, magnetic, and optical properties of two copper tetrahalide salts of bis(ethylenedithio)-tetrathiafulvalene. , 2007, , 523-532.		0
419	Crystal Structures and Physical Properties of Bis(ethylenedithio)-tetrathiafulvalene Charge-transfer Salts with 4^- (= or) Anions. , 2007, , 578-584.		0
420	Anisotropic optical properties in electroluminescent conjugated polymers based on grazing angle photoluminescence measurements. Journal of Chemical Physics, 2006, 124, 184706.	1.2	40
421	Polymer bilayer structure via inkjet printing. Applied Physics Letters, 2006, 88, 163508.	1.5	30
422	Metallic Photonic Crystals Based on Solution-Processible Gold Nanoparticles. Nano Letters, 2006, 6, 651-655.	4.5	126
423	Anomalous Energy Transfer Dynamics due to Torsional Relaxation in a Conjugated Polymer. Physical Review Letters, 2006, 97, 166804.	2.9	135
424	Triplet Energy Back Transfer in Conjugated Polymers with Pendant Phosphorescent Iridium Complexes. Journal of the American Chemical Society, 2006, 128, 6647-6656.	6.6	226
425	Identification of a Quenching Species in Ruthenium Tris-Bipyridine Electroluminescent Devices. Journal of the American Chemical Society, 2006, 128, 7761-7764.	6.6	104
426	Enhancement of Charge-Transport Characteristics in Polymeric Films Using Polymer Brushes. Nano Letters, 2006, 6, 573-578.	4.5	92
427	Effect of Temperature and Chain Length on the Bimodal Emission Properties of Single Polyfluorene Copolymer Molecules. Journal of Physical Chemistry B, 2006, 110, 18898-18903.	1.2	40
428	Photovoltaic Performance and Morphology of Polyfluorene Blends: The Influence of Phase Separation Evolution. Macromolecules, 2006, 39, 5393-5399.	2.2	42
429	Spatial control of the recombination zone in ambipolar light-emitting polymer transistors. , 2006, , .		1
430	Polymers show they're metal. Nature, 2006, 441, 37-37.	13.7	18
431	Spatial control of the recombination zone in an ambipolar light-emitting organic transistor. Nature Materials, 2006, 5, 69-74.	13.3	534
432	<title>Two-photon excited transient absorption in poly(9,9'-dioctylfluorene- <i>emph</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Jd (type="		

#	ARTICLE	IF	CITATIONS
433	Sequential absorption processes in two-photon-excitation transient absorption spectroscopy in a semiconductor polymer. <i>Physical Review B</i> , 2006, 73, .	1.1	17
434	Influence of Copolymer Interface Orientation on the Optical Emission of Polymeric Semiconductor Heterojunctions. <i>Physical Review Letters</i> , 2006, 96, 117403.	2.9	64
435	Control of morphology in efficient photovoltaic diodes from discotic liquid crystals. <i>Journal of Chemical Physics</i> , 2006, 124, 174704.	1.2	80
436	Jim Feast: a career in polymer science. <i>Polymer</i> , 2005, 46, 1427-1438.	1.8	2
437	Morphological and electronic consequences of modifications to the polymer anode $\text{PEDOT:PSS}^{\text{TM}}$. <i>Polymer</i> , 2005, 46, 2573-2578.	1.8	135
438	Blue-to-green electrophosphorescence of iridium-based cyclometallated materials. <i>Chemical Communications</i> , 2005, , 4708.	2.2	98
439	Effects of Packing Structure on the Optoelectronic and Charge Transport Properties in Poly(9,9-di-n-octylfluorene-alt-benzothiadiazole). <i>Journal of the American Chemical Society</i> , 2005, 127, 12890-12899.	6.6	320
440	General observation of n-type field-effect behaviour in organic semiconductors. <i>Nature</i> , 2005, 434, 194-199.	13.7	2,172
441	Suppression of Green Emission in a New Class of Blue-Emitting Polyfluorene Copolymers with Twisted Biphenyl Moieties. <i>Advanced Functional Materials</i> , 2005, 15, 981-988.	7.8	108
442	Lithography-Free, Self-Aligned Inkjet Printing with Sub-Hundred-Nanometer Resolution. <i>Advanced Materials</i> , 2005, 17, 997-1001.	11.1	293
443	Supramolecular Complexes of Conjugated Polyelectrolytes with Poly(ethylene oxide): Multifunctional Luminescent Semiconductors Exhibiting Electronic and Ionic Transport. <i>Advanced Materials</i> , 2005, 17, 2659-2663.	11.1	91
444	Organic double-gate field-effect transistors: Logic-AND operation. <i>Applied Physics Letters</i> , 2005, 87, 253512.	1.5	30
445	The effects of supramolecular assembly on exciton decay rates in organic semiconductors. <i>Journal of Chemical Physics</i> , 2005, 123, 084902.	1.2	15
446	Electric field-induced transition from heterojunction to bulk charge recombination in bilayer polymer light-emitting diodes. <i>Applied Physics Letters</i> , 2005, 86, 163501.	1.5	37
447	The use of electrical pulses to study the physics of bilayer organic light-emitting diodes. <i>Journal of Applied Physics</i> , 2005, 97, 014504.	1.1	14
448	Self-Organization of Nanocrystals in Polymer Brushes. Application in Heterojunction Photovoltaic Diodes. <i>Nano Letters</i> , 2005, 5, 1653-1657.	4.5	146
449	Exciton trapping at heterojunctions in polymer blends. <i>Journal of Chemical Physics</i> , 2005, 122, 244906.	1.2	58
450	Excitation Migration along Oligophenylenevinylene-Based Chiral Stacks: Delocalization Effects on Transport Dynamics. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10594-10604.	1.2	80

#	ARTICLE	IF	CITATIONS
451	Single-photon pumping and two-photon probing spectroscopy for the determination of absorption cross-sections in an organic semiconductor. <i>Optics Express</i> , 2005, 13, 10873.	1.7	4
452	An Organic Electronics Primer. <i>Physics Today</i> , 2005, 58, 53-58.	0.3	348
453	Morphology dependence of the triplet excited state formation and absorption in polyfluorene. <i>Physical Review B</i> , 2005, 71, .	1.1	90
454	Correlation between Surface Photovoltage and Blend Morphology in Polyfluorene-Based Photodiodes. <i>Nano Letters</i> , 2005, 5, 559-563.	4.5	169
455	Spin-cast thin semiconducting polymer interlayer for improving device efficiency of polymer light-emitting diodes. <i>Applied Physics Letters</i> , 2005, 87, 023506.	1.5	277
456	Controlled Phase Separation of Polyfluorene Blends via Inkjet Printing. <i>Macromolecules</i> , 2005, 38, 6466-6471.	2.2	52
457	Exciton migration in a polythiophene: Probing the spatial and energy domain by line-dipole Förster-type energy transfer. <i>Journal of Chemical Physics</i> , 2005, 122, 094903.	1.2	102
458	Synthesis of triplet emitters and hosts for electrophosphorescence. , 2005, 5937, 47.		0
459	Highly-efficient broadband waveguide outcoupling in light-emitting diodes with self-organized polymer blends. <i>Applied Physics Letters</i> , 2004, 85, 2965-2967.	1.5	14
460	Trap-assisted hole injection and quantum efficiency enhancement in poly(9,9- C_{60}) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (dioctylf 96, 7643-7649.	1.1	37
461	New Light Emitting Polymers and High Energy Hosts for Triplet Emission. <i>Materials Research Society Symposia Proceedings</i> , 2004, 846, DD7.7.1.	0.1	0
462	Charge transport and efficiency in photovoltaic devices based on polyfluorene blends. , 2004, 5520, 26.		0
463	Morphological dependence of charge generation and transport in blended polyfluorene photovoltaic devices. <i>Thin Solid Films</i> , 2004, 451-452, 567-571.	0.8	37
464	Efficient Energy Transfer in Mixed Columnar Stacks of Hydrogen-Bonded Oligo(p-phenylene vinylene)s in Solution. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1976-1979.	7.2	99
465	The Origin of Collected Charge and Open-Circuit Voltage in Blended Polyfluorene Photovoltaic Devices. <i>Advanced Materials</i> , 2004, 16, 1640-1645.	11.1	124
466	Self-Organized Photonic Structures in Polymer Light-Emitting Diodes. <i>Advanced Materials</i> , 2004, 16, 1908-1912.	11.1	46
467	Observation of Field-Effect Transistor Behavior at Self-Organized Interfaces. <i>Advanced Materials</i> , 2004, 16, 1609-1615.	11.1	169
468	Electrical degradation of triarylamine-based light-emitting polymer diodes monitored by micro-Raman spectroscopy. <i>Chemical Physics Letters</i> , 2004, 386, 2-7.	1.2	65

#	ARTICLE	IF	CITATIONS
469	Endothermic exciplexâ€“exciton energy-transfer in a blue-emitting polymeric heterojunction system. Chemical Physics Letters, 2004, 391, 81-84.	1.2	56
470	Solution-Processible Conjugated Electrophosphorescent Polymers. Journal of the American Chemical Society, 2004, 126, 7041-7048.	6.6	285
471	Influence of the Casting Solvent on the Thermotropic Alignment of Thin Liquid Crystalline Polyfluorene Copolymer Films. Macromolecules, 2004, 37, 6079-6085.	2.2	48
472	High-stability ultrathin spin-on benzocyclobutene gate dielectric for polymer field-effect transistors. Applied Physics Letters, 2004, 84, 3400-3402.	1.5	213
473	Singlet and triplet emission from polymers for OLED application. , 2004, , .		1
474	Phase Separation in Polyfluorene-Based Conjugated Polymer Blends:Â Lateral and Vertical Analysis of Blend Spin-Cast Thin Films. Macromolecules, 2004, 37, 2861-2871.	2.2	232
475	Photovoltaic devices fabricated from an aqueous dispersion of polyfluorene nanoparticles using an electroplating method. Synthetic Metals, 2004, 147, 105-109.	2.1	11
476	A microscopic view of charge transport in polymer transistors. Synthetic Metals, 2004, 146, 297-309.	2.1	81
477	Exciton Regeneration at Polymeric Semiconductor Heterojunctions. Physical Review Letters, 2004, 92, 247402.	2.9	390
478	Solution-Processed Anodes from Layer-Structure Materials for High-Efficiency Polymer Light-Emitting Diodes. Journal of the American Chemical Society, 2003, 125, 5998-6007.	6.6	105
479	Inkjet printing of polymer thin film transistors. Thin Solid Films, 2003, 438-439, 279-287.	0.8	245
480	Surface conditioning of indium-tin oxide anodes for organic light-emitting diodes. Thin Solid Films, 2003, 445, 358-366.	0.8	83
481	Synthesis and characterisation of new acetylide-functionalised aromatic and hetero-aromatic ligands and their dinuclear platinum complexes. Dalton Transactions, 2003, , 65-73.	1.6	51
482	Attaching Perylene Dyes to Polyfluorene:Â Three Simple, Efficient Methods for Facile Color Tuning of Light-Emitting Polymers. Journal of the American Chemical Society, 2003, 125, 437-443.	6.6	441
483	Printing of polymer thin-film transistors for active-matrix-display applications. Journal of the Society for Information Display, 2003, 11, 599.	0.8	10
484	Self-Aligned, Vertical-Channel, Polymer Field-Effect Transistors. Science, 2003, 299, 1881-1884.	6.0	514
485	Formation of the accumulation layer in polymer field-effect transistors. Applied Physics Letters, 2003, 82, 1482-1484.	1.5	58
486	Influence of the Molecular Weight on the Thermotropic Alignment of Thin Liquid Crystalline Polyfluorene Copolymer Films. Macromolecules, 2003, 36, 2838-2844.	2.2	92

#	ARTICLE	IF	CITATIONS
487	Effect of interchain interactions on the absorption and emission of poly(3-hexylthiophene). <i>Physical Review B</i> , 2003, 67, .	1.1	830
488	Oligoethyleneoxide functionalised sexithiophene organic field effect transistors. <i>Synthetic Metals</i> , 2003, 137, 885-886.	2.1	24
489	Increased efficiency in vertically segregated thin-film conjugated polymer blends for light-emitting diodes. <i>Applied Physics Letters</i> , 2003, 82, 299-301.	1.5	97
490	Close look at charge carrier injection in polymer field-effect transistors. <i>Journal of Applied Physics</i> , 2003, 94, 6129-6137.	1.1	494
491	Synthesis and optical characterisation of platinum(II) poly-yne polymers incorporating substituted 1,4-diethynylbenzene derivatives and an investigation of the intermolecular interactions in the diethynylbenzene molecular precursors. Electronic supplementary information (ESI) available: atomic coordinates for 6 and 7. See http://www.rsc.org/suppdata/nj/b2/b206946f/ . <i>New Journal of Chemistry</i> , 2003, 27, 140-149.	1.4	49
492	Electronic line-up in light-emitting diodes with alkali-halide/metal cathodes. <i>Journal of Applied Physics</i> , 2003, 93, 6159-6172.	1.1	144
493	Polarization of singlet and triplet excited states in a platinum-containing conjugated polymer. <i>Physical Review B</i> , 2003, 67, .	1.1	19
494	Solution-processed niobium diselenide as conductor and anode for polymer light-emitting diodes. <i>Applied Physics Letters</i> , 2003, 82, 1123-1125.	1.5	16
495	Organic Thin Film Photovoltaic Devices from Discotic Materials. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 396, 73-90.	0.4	50
496	Fast exciton diffusion in chiral stacks of conjugated p-phenylene vinylene oligomers. <i>Physical Review B</i> , 2003, 68, .	1.1	73
497	34.1: Active Matrix Displays Made with Printed Polymer Thin Film Transistors. <i>Digest of Technical Papers SID International Symposium</i> , 2003, 34, 1084.	0.1	15
498	Ultrafast investigation of exciton dissociation processes in polymeric semiconductors at high pump fluence. <i>Springer Series in Chemical Physics</i> , 2003, , 377-379.	0.2	0
499	The singlet-triplet energy gap in organic and Pt-containing phenylene ethynylene polymers and monomers. <i>Journal of Chemical Physics</i> , 2002, 116, 9457-9463.	1.2	159
500	Inorganic solution-processed hole-injecting and electron-blocking layers in polymer light-emitting diodes. <i>Journal of Applied Physics</i> , 2002, 92, 7556-7563.	1.1	94
501	Improved efficiency of light-emitting diodes based on polyfluorene blends upon insertion of a poly(p-phenylene vinylene) electron-confinement layer. <i>Applied Physics Letters</i> , 2002, 80, 2436-2438.	1.5	104
502	Exciton and polaron dynamics in a step-ladder polymeric semiconductor: the influence of interchain order. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 9803-9824.	0.7	42
503	Cathodes incorporating thin fluoride layers for efficient injection in blue polymer light-emitting diodes. , 2002, , .		3
504	New family of polyfluorene copolymers for light-emitting devices. , 2002, , .		1

#	ARTICLE	IF	CITATIONS
505	L-4: Late-New Paper: Active-Matrix Operation of Electrophoretic Devices with Inkjet-Printed Polymer Thin Film Transistors. Digest of Technical Papers SID International Symposium, 2002, 33, 1017.	0.1	7
506	Ultrathin Regioregular Poly(3-hexyl thiophene) Field-Effect Transistors. Langmuir, 2002, 18, 10176-10182.	1.6	156
507	Efficient light harvesting in a photovoltaic diode composed of a semiconductor conjugated copolymer blend. Applied Physics Letters, 2002, 80, 2204-2206.	1.5	55
508	The origin of the open-circuit voltage in polyfluorene-based photovoltaic devices. Journal of Applied Physics, 2002, 92, 4266-4270.	1.1	221
509	Charge Generation Kinetics and Transport Mechanisms in Blended Polyfluorene Photovoltaic Devices. Nano Letters, 2002, 2, 1353-1357.	4.5	214
510	Vertically segregated polymer-blend photovoltaic thin-film structures through surface-mediated solution processing. Applied Physics Letters, 2002, 80, 1695-1697.	1.5	199
511	Synthesis, characterisation and electronic properties of a series of platinum(ii) poly-ynes containing novel thienyl-pyridine linker groups. Dalton Transactions RSC, 2002, , 2441-2448.	2.3	50
512	Interchain vs. intrachain energy transfer in acceptor-capped conjugated polymers. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10982-10987.	3.3	362
513	Ï€-electronic and electrical transport properties of conjugated polymer nanocomposites: Poly(p-phenylenevinylene) with homogeneously dispersed silica nanoparticles. Journal of Chemical Physics, 2002, 116, 6782-6794.	1.2	40
514	Noncontact potentiometry of polymer field-effect transistors. Applied Physics Letters, 2002, 80, 2913-2915.	1.5	328
515	Cyclodextrin-threaded conjugated polyrotaxanes as insulated molecular wires with reduced interstrand interactions. Nature Materials, 2002, 1, 160-164.	13.3	471
516	Structural characterisation of a series of acetylide-functionalised oligopyridines and the synthesis, characterisation and optical spectroscopy of platinum di-ynes and poly-ynes containing oligopyridyl linker groups in the backbone. Dalton Transactions RSC, 2002, , 1358-1368.	2.3	78
517	Photovoltaic Performance and Morphology of Polyfluorene Blends: A Combined Microscopic and Photovoltaic Investigation. Macromolecules, 2001, 34, 6005-6013.	2.2	367
518	Efficient electron injection in blue-emitting polymer light-emitting diodes with LiF/Ca/Al cathodes. Applied Physics Letters, 2001, 79, 174-176.	1.5	147
519	Exciton dissociation mechanisms in the polymeric semiconductors poly(9,9-dioctylfluorene) and poly(9,9-dioctylfluorene-co-benzothiadiazole). Physical Review B, 2001, 63, .	1.1	283
520	Near-infrared electroluminescence of polymer light-emitting diodes doped with a lissamine-sensitized Nd ³⁺ complex. Applied Physics Letters, 2001, 78, 2122-2124.	1.5	136
521	Förster energy transfer and control of the luminescence in blends of an orange-emitting poly(p-phenylenevinylene) and a red-emitting tetraphenylporphyrin. Journal of Materials Chemistry, 2001, 11, 278-283.	6.7	55
522	Ultrafast charge photogeneration in conjugated polymer thin films. Synthetic Metals, 2001, 116, 9-13.	2.1	25

#	ARTICLE	IF	CITATIONS
523	The Energy Gap Law for Triplet States in Pt-Containing Conjugated Polymers and Monomers. <i>Journal of the American Chemical Society</i> , 2001, 123, 9412-9417.	6.6	474
524	Design of Luminescent Polymers for Leds. <i>Materials Research Society Symposia Proceedings</i> , 2001, 708, 521.	0.1	0
525	Fluorescence scanning near-field optical microscopy of polyfluorene composites. <i>Journal of Microscopy</i> , 2001, 202, 433-438.	0.8	29
526	Optical Signature of Delocalized Polarons in Conjugated Polymers. <i>Advanced Functional Materials</i> , 2001, 11, 229-234.	7.8	154
527	Transfer Processes in Semiconducting Polymer-Porphyrin Blends. <i>Advanced Materials</i> , 2001, 13, 44-47.	11.1	105
528	De-mixing of Polyfluorene-Based Blends by Contact with Acetone: Electro- and Photo-luminescence Probes. <i>Advanced Materials</i> , 2001, 13, 810-814.	11.1	73
529	Inkjet Printed Via-Hole Interconnections and Resistors for All-Polymer Transistor Circuits. <i>Advanced Materials</i> , 2001, 13, 1601-1605.	11.1	340
530	Self-Organized Discotic Liquid Crystals for High-Efficiency Organic Photovoltaics. <i>Science</i> , 2001, 293, 1119-1122.	6.0	2,286
531	Spin-dependent exciton formation in π -conjugated compounds. <i>Nature</i> , 2001, 413, 828-831.	13.7	472
532	ESR Observation of Optically-Generated Polarons in Conjugated Electroluminescent Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 371, 159-162.	0.3	4
533	6.1: Invited Paper: All-Polymer Thin Film Transistors Fabricated by High-Resolution Ink-jet Printing. <i>Digest of Technical Papers SID International Symposium</i> , 2001, 32, 40.	0.1	9
534	Photoluminescence of poly(p-phenylenevinylene)-silica nanocomposites: Evidence for dual emission by Franck-Condon analysis. <i>Journal of Chemical Physics</i> , 2001, 115, 2709-2720.	1.2	89
535	Efficient exciton dissociation via two-step photoexcitation in polymeric semiconductors. <i>Physical Review B</i> , 2001, 64, .	1.1	99
536	Effects of aggregation on the excitation transfer in perylene-end-capped polyindeno[1,2,3-cd]fluorene studied by time-resolved photoluminescence spectroscopy. <i>Physical Review B</i> , 2001, 64, .	1.1	48
537	Optical spectroscopy of field-induced charge in self-organized high mobility poly(3-hexylthiophene). <i>Physical Review B</i> , 2001, 63, .	1.1	252
538	Synthesis of New Building Blocks for Light Emitting Polymers. <i>Materials Research Society Symposia Proceedings</i> , 2000, 660, .	0.1	0
539	Photodiodes Based on Polyfluorene Composites: Influence of Morphology. <i>Advanced Materials</i> , 2000, 12, 498-502.	11.1	272
540	Electron Trapping in Dye/Polymer Blend Photovoltaic Cells. <i>Advanced Materials</i> , 2000, 12, 1270-1274.	11.1	382

#	ARTICLE	IF	CITATIONS
541	Excited-state absorption in luminescent conjugated polymer thin films: ultrafast studies of processable polyindenofluorene derivatives. <i>Chemical Physics Letters</i> , 2000, 319, 494-500.	1.2	28
542	Molecular-scale interface engineering for polymer light-emitting diodes. <i>Nature</i> , 2000, 404, 481-484.	13.7	764
543	Synthesis of porphyrin-PPV copolymers for application in LEDs. <i>Journal of Materials Science: Materials in Electronics</i> , 2000, 11, 97-103.	1.1	15
544	Mobility enhancement in conjugated polymer field-effect transistors through chain alignment in a liquid-crystalline phase. <i>Applied Physics Letters</i> , 2000, 77, 406-408.	1.5	767
545	Efficient blue-green light emitting poly(1,4-phenylene vinylene) copolymers. <i>Chemical Communications</i> , 2000, , 291-292.	2.2	23
546	Triplet states in a series of Pt-containing ethynyls. <i>Journal of Chemical Physics</i> , 2000, 113, 7627-7634.	1.2	164
547	Analysis of the turn-off dynamics in polymer light-emitting diodes. <i>Applied Physics Letters</i> , 2000, 76, 1137-1139.	1.5	42
548	Use of multiple electrical pulses to study charge transport in polymer light-emitting diodes. <i>Applied Physics Letters</i> , 2000, 77, 1493-1495.	1.5	7
549	Grazing emitted light from films of derivative polymer of polyfluorene. <i>Synthetic Metals</i> , 2000, 111-112, 583-586.	2.1	23
550	A novel RGB multicolor light-emitting polymer display. <i>Synthetic Metals</i> , 2000, 111-112, 125-128.	2.1	106
551	Role of indium chloride on the luminescence properties of PPV. <i>Synthetic Metals</i> , 2000, 111-112, 549-552.	2.1	6
552	High-Resolution Inkjet Printing of All-Polymer Transistor Circuits. <i>Science</i> , 2000, 290, 2123-2126.	6.0	3,127
553	Electric Field Distribution in Polymer Light-Emitting Electrochemical Cells. <i>Physical Review Letters</i> , 2000, 85, 421-424.	2.9	67
554	The copolymer route to new luminescent materials for LEDs. <i>Macromolecular Symposia</i> , 2000, 154, 177-186.	0.4	6
555	LiF/Al cathodes and the effect of LiF thickness on the device characteristics and built-in potential of polymer light-emitting diodes. <i>Applied Physics Letters</i> , 2000, 77, 3096-3098.	1.5	154
556	Electroluminescence emission pattern of organic light-emitting diodes: Implications for device efficiency calculations. <i>Journal of Applied Physics</i> , 2000, 88, 1073-1081.	1.1	434
557	Synthesis of New Building Blocks for Light Emitting Polymers. <i>Materials Research Society Symposia Proceedings</i> , 2000, 660, 1.	0.1	0
558	Surface energy and polarity of treated indium-tin oxide anodes for polymer light-emitting diodes studied by contact-angle measurements. <i>Journal of Applied Physics</i> , 1999, 86, 2774-2778.	1.1	152

#	ARTICLE	IF	CITATIONS
559	High-mobility conjugated polymer field-effect transistors. , 1999, , 101-110.		46
560	Evolution of lowest singlet and triplet excited states with number of thienyl rings in platinum poly-yenes. Journal of Chemical Physics, 1999, 110, 4963-4970.	1.2	246
561	Luminescence properties of poly(p-phenylenevinylene): Role of the conversion temperature on the photoluminescence and electroluminescence efficiencies. Journal of Applied Physics, 1999, 85, 1784-1791.	1.1	36
562	Electroluminescence in conjugated polymers. Nature, 1999, 397, 121-128.	13.7	5,746
563	Two-dimensional charge transport in self-organized, high-mobility conjugated polymers. Nature, 1999, 401, 685-688.	13.7	4,364
564	Harvesting Singlet and Triplet Energy in Polymer LEDs. Advanced Materials, 1999, 11, 285-288.	11.1	347
565	Transient electroluminescence of polymer light emitting diodes using electrical pulses. Journal of Applied Physics, 1999, 86, 5116-5130.	1.1	237
566	All-Polymer Optoelectronic Devices. Science, 1999, 285, 233-236.	6.0	286
567	Improved operational stability of polyfluorene-based organic light-emitting diodes with plasma-treated indium oxide anodes. Applied Physics Letters, 1999, 74, 3084-3086.	1.5	211
568	Light-emitting devices based on a poly(p-phenylene vinylene) derivative with ion-coordinating side groups. Journal of Applied Physics, 1999, 86, 6392-6395.	1.1	53
569	Doped conducting-polymer-semiconducting-polymer interfaces: Their use in organic photovoltaic devices. Physical Review B, 1999, 60, 1854-1860.	1.1	112
570	Built-in field electroabsorption spectroscopy of polymer light-emitting diodes incorporating a doped poly(3,4-ethylene dioxythiophene) hole injection layer. Applied Physics Letters, 1999, 75, 1679-1681.	1.5	492
571	Charge- and energy-transfer processes at polymer/polymer interfaces: A joint experimental and theoretical study. Physical Review B, 1999, 60, 5721-5727.	1.1	268
572	Versatile Syntheses of Various Homo- and Copolymers of Poly(1,4-Arylene Vinylene)S. Materials Research Society Symposia Proceedings, 1999, 598, 118.	0.1	0
573	Precision and control in polymer synthesis why it's important and some recent examples of how to do it. Macromolecular Symposia, 1999, 143, 81-93.	0.4	5
574	Synthesis and Electronic Structure of Platinum-Containing Poly-yenes with Aromatic and Heteroaromatic Rings. Macromolecules, 1998, 31, 722-727.	2.2	188
575	Ionic space-charge effects in polymer light-emitting diodes. Physical Review B, 1998, 57, 12951-12963.	1.1	326
576	Charge separation in localized and delocalized electronic states in polymeric semiconductors. Nature, 1998, 392, 903-906.	13.7	321

#	ARTICLE	IF	CITATIONS
577	Laminated fabrication of polymeric photovoltaic diodes. Nature, 1998, 395, 257-260.	13.7	1,249
578	A molecular metal with ion-conducting channels. Nature, 1998, 394, 159-162.	13.7	171
579	High Peak Brightness Polymer Light-Emitting Diodes. Advanced Materials, 1998, 10, 64-68.	11.1	178
580	Ultrathin Self-Assembled Layers at the ITO Interface to Control Charge Injection and Electroluminescence Efficiency in Polymer Light-Emitting Diodes. Advanced Materials, 1998, 10, 769-774.	11.1	186
581	Synthesis, Electrochemistry, and Spectroscopy of Blue Platinum(II) Polyynes and Diynes. Angewandte Chemie - International Edition, 1998, 37, 3036-3039.	7.2	181
582	Integrated Optoelectronic Devices Based on Conjugated Polymers. Science, 1998, 280, 1741-1744.	6.0	2,627
583	Indium-tin oxide treatments for single- and double-layer polymeric light-emitting diodes: The relation between the anode physical, chemical, and morphological properties and the device performance. Journal of Applied Physics, 1998, 84, 6859-6870.	1.1	599
584	Current heating in polymer light emitting diodes. Applied Physics Letters, 1998, 73, 732-734.	1.5	99
585	New luminescent polymers for leds and LECS. Macromolecular Symposia, 1998, 125, 111-120.	0.4	18
586	Factors Influencing Stimulated Emission from Poly(p-phenylenevinylene). Physical Review Letters, 1997, 78, 733-736.	2.9	121
587	Recent developments in the controlled synthesis and manipulation of electroactive organic polymers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1997, 355, 707-714.	1.6	13
588	New Luminescent PPV Derivatives for Led Applications. Materials Research Society Symposia Proceedings, 1997, 488, 87.	0.1	12
589	Effect of metal films on the photoluminescence and electroluminescence of conjugated polymers. Physical Review B, 1997, 56, 1893-1905.	1.1	261
590	Synthesis and Properties of Novel High-Electron-Affinity Polymers for Electroluminescent Devices. ACS Symposium Series, 1997, , 322-344.	0.5	11
591	Efficient blue LEDs from a partially conjugated Si-containing PPV copolymer in a double-layer configuration. Advanced Materials, 1997, 9, 127-131.	11.1	75
592	An improved experimental determination of external photoluminescence quantum efficiency. Advanced Materials, 1997, 9, 230-232.	11.1	1,843
593	Spectral narrowing in optically pumped poly (p-phenylenevinylene) Films. Advanced Materials, 1997, 9, 547-551.	11.1	116
594	Crystal Structure and Magnetism of (BEDT-TTF) ₂ MCl ₄ (BEDT-TTF = Tj ETQqO O O rgBT /Overlock 10 Tf 50 62 Td (Bis(ethylenedithio)tetrathio)	1.9	39

#	ARTICLE	IF	CITATIONS
595	Semiconductor Device Physics of Conjugated Polymers. Solid State Physics, 1996, 49, 1-149.	1.3	103
596	Exciton diffusion and dissociation in a poly(p-phenylenevinylene)/C60 heterojunction photovoltaic cell. Applied Physics Letters, 1996, 68, 3120-3122.	1.5	772
597	Efficient green electroluminescent diodes based on poly (2-dimethyloctylsilyl-1,4-phenylenevinylene). Advanced Materials, 1996, 8, 979-982.	11.1	72
598	Intermolecular interactions in the molecular ferromagnetic $\text{NH}_4\text{Ni}(\text{mnt})_2 \cdot \text{H}_2\text{O}$. Nature, 1996, 380, 144-146.	13.7	375
599	Lasing from conjugated-polymer microcavities. Nature, 1996, 382, 695-697.	13.7	1,316
600	Singlet Intrachain Exciton Generation and Decay in Poly(p-phenylenevinylene). Physical Review Letters, 1996, 77, 1881-1884.	2.9	173
601	Spatial extent of the singlet and triplet excitons in transition metal-containing polyynes. Journal of Chemical Physics, 1996, 105, 3868-3877.	1.2	177
602	Site-selective fluorescence studies of poly(p-phenylene vinylene) and its derivatives. Physical Review B, 1996, 53, 15815-15822.	1.1	74
603	Efficient green light-emitting diodes from a phenylated derivative of poly(p-phenylenevinylene). Applied Physics Letters, 1996, 69, 3794-3796.	1.5	46
604	Emission enhancement in single-layer conjugated polymer microcavities. Journal of Applied Physics, 1996, 80, 207-215.	1.1	81
605	Charge transport polymers for light emitting diodes. Advanced Materials, 1995, 7, 898-900.	11.1	89
606	Efficient photodiodes from interpenetrating polymer networks. Nature, 1995, 376, 498-500.	13.7	3,119
607	Theoretical investigation of the lowest singlet and triplet states in poly(paraphenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1.2 169	1.2	169
608	Transport evidence for new phase changes in 1T-TaS ₂ after intercalation with hydrazine. Journal of Physics Condensed Matter, 1994, 6, 3533-3538.	0.7	1
609	Crystal and electronic structures and electrical, magnetic, and optical properties of two copper tetrahalide salts of bis(ethylenedithio)-tetrathiafulvalene. Physical Review B, 1994, 50, 2118-2127.	1.1	36
610	Optical spectroscopy of platinum and palladium containing polyynes. Journal of Chemical Physics, 1994, 101, 2693-2698.	1.2	122
611	Angular Dependence of the Emission from a Conjugated Polymer Light-Emitting Diode: Implications for efficiency calculations. Advanced Materials, 1994, 6, 491-494.	11.1	582
612	Synthesis and optical spectroscopy of linear long-chain di-terminal alkynes and their Pt- η^5 -acetylide polymeric complexes. Journal of Materials Chemistry, 1994, 4, 1227-1232.	6.7	110

#	ARTICLE	IF	CITATIONS
613	The photovoltaic response in poly(p-phenylene vinylene) thin-film devices. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 1379-1394.	0.7	300
614	Efficient light-emitting diodes based on polymers with high electron affinities. <i>Nature</i> , 1993, 365, 628-630.	13.7	1,654
615	Optical spectroscopy of highly ordered poly(p-phenylene vinylene). <i>Journal of Physics Condensed Matter</i> , 1993, 5, 7155-7172.	0.7	227
616	Cyano-Derivatives Of Poly (P-Phenylene Vinylene) For Use In Thin-Film Light-Emitting Diodes. <i>Materials Research Society Symposia Proceedings</i> , 1993, 328, 351.	0.1	9
617	Poly(p-phenylenevinylene) light-emitting diodes: Enhanced electroluminescent efficiency through charge carrier confinement. <i>Applied Physics Letters</i> , 1992, 61, 2793-2795.	1.5	683
618	Electroluminescence-detected magnetic-resonance study of polyparaphenylenevinylene (PPV)-based light-emitting diodes. <i>Physical Review B</i> , 1992, 46, 15072-15077.	1.1	123
619	Photoinduced absorption and photoluminescence in poly(2,5-dimethoxy-p-phenylene vinylene). <i>Physical Review B</i> , 1992, 46, 7379-7389.	1.1	90
620	Properties of low-Dimensional metals at high pressure. <i>High Pressure Research</i> , 1992, 8, 391-395.	0.4	0
621	Light-Emitting Diodes Based on Conjugated Polymers: Control of Colour and Efficiency. <i>Materials Research Society Symposia Proceedings</i> , 1992, 247, 647.	0.1	73
622	Chemical tuning of electroluminescent copolymers to improve emission efficiencies and allow patterning. <i>Nature</i> , 1992, 356, 47-49.	13.7	748
623	Femtosecond Optical Absorption in Conjugated Polymers. <i>Springer Series in Solid-state Sciences</i> , 1992, , 162-166.	0.3	2
624	Optical and Electronic Properties of a Highly Disordered Form of Polyacetylene – Distinguishing Between Localized Defects and Conformational Disorder. <i>Springer Series in Solid-state Sciences</i> , 1992, , 238-241.	0.3	3
625	Electro-Optic Properties of Precursor Route Poly(arylene vinylene) Polymers. <i>Springer Series in Solid-state Sciences</i> , 1992, , 304-309.	0.3	23
626	Photophysical properties of solid films of fullerene, C60. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 9259-9270.	0.7	82
627	Synthesis and optical spectroscopy of platinum-metal-containing di- and tri-acetylenic polymers. <i>Journal of Materials Chemistry</i> , 1991, 1, 485.	6.7	76
628	Optical spectroscopy of photoinduced and field-induced excitations in polyacetylene prepared by the Durham 'photoisomer' route. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 3007-3021.	0.7	6
629	Structural and electronic properties of Cs(Pd(dmit) ₂) ₂ . <i>Journal of Physics Condensed Matter</i> , 1991, 3, 933-954.	0.7	47
630	Femtosecond optical absorption in poly(3-alkyl thienylene)s. <i>Physical Review B</i> , 1991, 44, 9731-9734.	1.1	13

#	ARTICLE	IF	CITATIONS
631	Optical spectroscopy of field-induced charge in poly(3-hexyl thienylene) metal-insulator-semiconductor structures: Evidence for polarons. <i>Physical Review Letters</i> , 1991, 66, 2231-2234.	2.9	213
632	Light-emitting diodes based on conjugated polymers. <i>Nature</i> , 1990, 347, 539-541.	13.7	10,985
633	Synthesis and material and electronic properties of conjugated polymers. <i>Journal of Materials Science</i> , 1990, 25, 3796-3805.	1.7	38
634	Photoexcited states in poly(3-alkyl thienylenes). <i>Journal of Physics Condensed Matter</i> , 1990, 2, 5465-5477.	0.7	65
635	Photoexcited states in poly(p-phenylene vinylene): Comparison with trans,trans-distyrylbenzene, a model oligomer. <i>Physical Review B</i> , 1990, 42, 11670-11681.	1.1	272
636	Optical excitations in poly(2,5-thienylene vinylene). <i>Physical Review B</i> , 1990, 41, 10586-10594.	1.1	72
637	Characterisation of Poly(P-Phenylene Vinylene) [PPV] Prepared by Different Precursor Routes. <i>NATO ASI Series Series B: Physics</i> , 1990, , 393-399.	0.2	0
638	Photoexcitation in Durham-route polyacetylene: Self-localization and charge transport. <i>Physical Review B</i> , 1989, 40, 3112-3120.	1.1	62
639	Light-induced luminescence quenching in precursor-route poly(p-phenylene vinylene). <i>Journal of Physics Condensed Matter</i> , 1989, 1, 3671-3678.	0.7	101
640	Pressure dependence of the transport properties of the molecular superconductor, \hat{I}_{\pm}^{\pm} -(BEDT) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 382 T	0.7	26
641	High-pressure transport measurements of \hat{I}_{\pm}^{\pm} -BEDT-TTF salts. <i>Journal of Physics Condensed Matter</i> , 1989, 1, 5681-5688.	0.7	36
642	The magnetic susceptibility and EPR of the organic conductors \hat{I}_{\pm}^{\pm} -(BEDT-TTF)2X, X=AuBr ₂ , CuCl ₂ and Ag(CN) ₂ . <i>Journal of Physics Condensed Matter</i> , 1989, 1, 5671-5680.	0.7	59
643	Photoexcitations in Poly(2,5-Thienylene Vinylene). <i>Materials Research Society Symposia Proceedings</i> , 1989, 173, 637.	0.1	1
644	Resonance Raman Spectroscopy of Accumulation Layers in Durham-Route Polyacetylene. <i>Springer Series in Solid-state Sciences</i> , 1989, , 127-131.	0.3	3
645	New semiconductor device physics in polymer diodes and transistors. <i>Nature</i> , 1988, 335, 137-141.	13.7	660
646	(BEDT-TTF) ₂ CuCl ₂ , a new conducting charge transfer salt. <i>Synthetic Metals</i> , 1988, 22, 415-418.	2.1	26
647	Preparation and solid-state characterization of the 7,7,8,8-tetracyano-p-quinodimethanide salt of the bis(triphenylphosphoranylidinium) cation: (PPN) ₂ (TCNQ) ₃ (MeCN) ₂ . <i>Journal of the Chemical Society Perkin Transactions II</i> , 1988, , 1151.	0.9	6
648	Mechanism for photogeneration of metastable charged solitons in polyacetylene. <i>Physical Review B</i> , 1988, 38, 3960-3965.	1.1	35

#	ARTICLE	IF	CITATIONS
649	Transport and magnetic measurements on $\text{Bi}_{2-x}\text{Ca}_{1-x}\text{Sr}_2\text{Cu}_2\text{O}_{8+\delta}$. Journal of Physics C: Solid State Physics, 1988, 21, L529-L534.	1.5	5
650	The pressure dependence of the transport properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. Journal of Physics C: Solid State Physics, 1988, 21, L345-L352.	1.5	55
651	Photo-excitation in conjugated polymers. Journal Physics D: Applied Physics, 1987, 20, 1367-1384.	1.3	323
652	Transport and optical properties of the hydrazine intercalation complexes of TiS_2 , TiSe_2 and ZrS_2 . Journal of Physics C: Solid State Physics, 1987, 20, 4181-4200.	1.5	17
653	Metallic properties of lithium-intercalated ZrS_2 . Journal of Physics C: Solid State Physics, 1987, 20, 4105-4114.	1.5	12
654	Transport properties of Li_xTiS_2 ($0 < x < 1$): a metal with a tunable Fermi level. Journal of Physics C: Solid State Physics, 1987, 20, 4169-4179.	1.5	31
655	Neutral photo-excitations in oriented polyacetylene. Journal of Physics C: Solid State Physics, 1987, 20, 4221-4228.	1.5	18
656	Conformational defects in Durham polyacetylene: photo-induced IR absorption. Journal of Physics C: Solid State Physics, 1987, 20, 6013-6023.	1.5	19
657	The Hall effect and resistivity of amorphous copper-titanium alloys. Journal of Physics F: Metal Physics, 1987, 17, 1739-1749.	1.6	12
658	Transport and Raman studies of the group IV layered compounds and their lithium intercalates: Li_xTiS_2 , Li_xTiSe_2 , Li_xZrS_2 , Li_xZrSe_2 , Li_xHfS_2 and Li_xHfSe_2 . The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1987, 56, 531-559.	0.6	20
659	Photo-emission and transport studies of $\text{Hf}_x\text{Ti}_{1-x}\text{Se}_2$ alloys. Journal of Physics C: Solid State Physics, 1987, 20, 1483-1493.	1.5	7
660	Correlation between conjugation length and non-radiative relaxation rate in poly(p-phenylene). J. Chem. Phys. 1987, 86, L187-L194.	1.5	72
661	Localized phonons associated with solitons in polyacetylene: Coupling to the nonuniform mode. Physical Review B, 1987, 36, 7537-7541.	1.1	43
662	Polarization dependence of transient photoconductivity in trans-polyacetylene. Physical Review B, 1987, 36, 4296-4300.	1.1	32
663	Transport and magnetic properties of $\text{Ag}_{1/3}\text{TiS}_2$. Journal of Physics C: Solid State Physics, 1987, 20, 271-276.	1.5	25
664	Polymers from the Soviet Union. Nature, 1987, 326, 335-335.	13.7	14
665	Inclusion of chalcogens raises electron mobility. Nature, 1987, 329, 14-15.	13.7	3
666	A new low-dimensional metal, $\text{Cs}[\text{Pd}(\text{S}_2\text{C}_2(\text{CN})_2)_2] \cdot 0.5 \text{H}_2\text{O}$. Nature, 1986, 324, 547-549.	13.7	34

#	ARTICLE	IF	CITATIONS
667	Electronic properties of HfTe ₂ . Journal of Physics C: Solid State Physics, 1986, 19, 4953-4963.	1.5	27
668	Magnetic properties of the organic superconductor $\hat{I}^2(\text{BEDT-TTF})_2\text{AuI}_2$. Journal of Physics C: Solid State Physics, 1986, 19, L383-L388.	1.5	14
669	Temperature measurement in high pressure cells using a rhodium +0.5% iron-chromel thermocouple pair. Journal of Physics E: Scientific Instruments, 1986, 19, 430-433.	0.7	16
670	Localization in the Peierls gap. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1985, 52, 611-642.	0.6	6
671	Hopping Conductivity in The Peierls Gap In Hydrazine Intercalated TaS ₂ . Molecular Crystals and Liquid Crystals, 1985, 121, 153-156.	0.9	1
672	Increase in chain conjugation length in highly oriented Durham-route polyacetylene. Journal of Physics C: Solid State Physics, 1985, 18, L283-L289.	1.5	38
673	Semiconductor to semimetal transition in TiS ₂ at 40 kbar. Journal of Physics C: Solid State Physics, 1984, 17, 2713-2734.	1.5	84
674	An optical study of the arsenic pentafluoride doping of poly(p-phenylene sulphide): polaron and bipolaron transitions. Journal of the Chemical Society Chemical Communications, 1984, , 1101.	2.0	27
675	Transport and Raman Investigation of the Group IV Layered Compounds and their Lithium Intercalates. , 1984, , 549-559.		4
676	Temperature dependence of the unit cell of (TMTSF) ₂ ReO ₄ through the metal-insulator transition. Journal of Physics C: Solid State Physics, 1983, 16, 691-698.	1.5	9
677	Stoichiometry effects in angle-resolved photoemission and transport studies of Ti _{1+x} S ₂ . Journal of Physics C: Solid State Physics, 1983, 16, 393-402.	1.5	86
678	High-pressure transport properties of TiS ₂ and TiSe ₂ . Journal of Physics C: Solid State Physics, 1982, 15, 2183-2192.	1.5	35
679	Magnetic susceptibility of hydrazine intercalated TiSe ₂ . Journal of Physics C: Solid State Physics, 1982, 15, L1251-L1255.	1.5	7
680	Transport and optical properties of the hydrazine intercalation complexes of 1T-TaS ₂ . Journal of Physics C: Solid State Physics, 1982, 15, 477-493.	1.5	16
681	The transport properties of hydrazine-intercalated TiSe ₂ . Journal of Physics C: Solid State Physics, 1982, 15, 4367-4378.	1.5	17
682	The transport properties of vanadium-doped TiSe ₂ under pressure. Journal of Physics C: Solid State Physics, 1982, 15, L871-L874.	1.5	4
683	Magnetic properties of the hydrazine intercalation complexes of 1T-TaS ₂ . Journal of Physics C: Solid State Physics, 1982, 15, L1245-L1249.	1.5	10
684	Stoichiometry dependence of the transport properties of TiS ₂ . Journal of Physics C: Solid State Physics, 1982, 15, 159-159.	1.5	3

#	ARTICLE	IF	CITATIONS
685	Stoichiometry dependence of the transport properties of TiS ₂ . Journal of Physics C: Solid State Physics, 1981, 14, 4067-4081.	1.5	116
686	Transport properties of VSe ₂ intercalated with hydrazine. Journal of Physics C: Solid State Physics, 1981, 14, L1055-L1060.	1.5	8
687	Model for the impurity-induced stabilization of the intermediate phase in Ti ₄ O ₇ . The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1980, 42, 479-484.	0.6	4
688	Design of an alternating current source for resistivity and Hall effect measurements. Journal of Physics E: Scientific Instruments, 1980, 13, 294-297.	0.7	16
689	3d transition-metal intercalates of the niobium and tantalum dichalcogenides. II. Transport properties. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1980, 41, 95-112.	0.6	101
690	3d transition-metal intercalates of the niobium and tantalum dichalcogenides. I. Magnetic properties. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1980, 41, 65-93.	0.6	211
691	Periodic lattice distortions and charge density waves in one- and two-dimensional metals. Journal of Physics C: Solid State Physics, 1979, 12, 1441-1477.	1.5	139
692	Infra-red studies of TiSe ₂ : IR phonons and free carriers. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1979, 39, 133-146.	0.6	37
693	Stabilisation of the metallic state at low temperatures in HMTTF-TCNQ under pressure. Journal of Physics C: Solid State Physics, 1978, 11, 263-275.	1.5	32
694	Electrical resistivity anomaly in \hat{I}^2 -MoTe ₂ (metallic behaviour). Journal of Physics C: Solid State Physics, 1978, 11, L103-L105.	1.5	70
695	Pressure Dependence of the Phase Transitions in Tetrathiafulvalene-Tetracyanoquinodimethane (TTF-TCNQ): Evidence for a Longitudinal Lockin at 20 kbar. Physical Review Letters, 1978, 40, 1048-1051.	2.9	123
696	The effect of irradiation of polymeric sulphur nitride with neutrons and heavy ions. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1978, 37, 321-328.	0.6	13
697	Periodic Lattice Distortions and Charge Density Waves in One- and Two-Dimensional Systems. Springer Series in Solid-state Sciences, 1978, , 199-215.	0.3	0
698	Electrical conductivity and charge density wave formation in 4HbTaS ₂ under pressure. Journal of Physics C: Solid State Physics, 1977, 10, 1013-1025.	1.5	40
699	Electrical conductivity in polymeric sulphur nitride at high pressures. Journal of Physics C: Solid State Physics, 1977, 10, 1001-1012.	1.5	18
700	Electrical and magnetic properties of some first row transition metal intercalates of niobium disulphide. Philosophical Magazine and Journal, 1977, 35, 1269-1287.	1.8	118
701	The effect of pressure on the charge density wave transitions in 4H b TaS ₂ . Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1977, 38, 554-561.	0.2	2
702	Semimetallic character of TiSe ₂ and semiconductor character of TiS ₂ under pressure. Journal of Physics C: Solid State Physics, 1977, 10, L705-L708.	1.5	86

#	ARTICLE	IF	CITATIONS
703	Optical Applications. , 0, , 516-558.		3
704	Organic Materials for Large Area Electronics. Materials Science Forum, 0, 608, 159-179.	0.3	5
705	Long-Range Electrostatics Supercharge Exciton Transport. , 0, , .		0
706	Stable Light-Emitting Diodes Using Phase-Pure Ruddlesden-Popper Layered Perovskites. , 0, , .		1
707	Enhanced optoelectronic quality of metal halide perovskite via additive engineering. , 0, , .		0
708	New materials for singlet exciton fission to triplet pairs. , 0, , .		0
709	New materials for singlet exciton fission to triplet pairs. , 0, , .		0