

John Anthony

List of Publications by Year in descending order

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274
papers

22,777
citations

9775

73
h-index

8852

145
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285
all docs

285
docs citations

285
times ranked

14120
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized Acenes and Heteroacenes for Organic Electronics. <i>Chemical Reviews</i> , 2006, 106, 5028-5048.	23.0	2,597
2	The Larger Acenes: Versatile Organic Semiconductors. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 452-483.	7.2	1,864
3	Functionalized Pentacene: Improved Electronic Properties from Control of Solid-State Order. <i>Journal of the American Chemical Society</i> , 2001, 123, 9482-9483.	6.6	1,221
4	n-Type Organic Semiconductors in Organic Electronics. <i>Advanced Materials</i> , 2010, 22, 3876-3892.	11.1	1,077
5	Organic Field-Effect Transistors from Solution-Deposited Functionalized Acenes with Mobilities as High as 1 cm ² /V·s. <i>Journal of the American Chemical Society</i> , 2005, 127, 4986-4987.	6.6	735
6	A Road Map to Stable, Soluble, Easily Crystallized Pentacene Derivatives. <i>Organic Letters</i> , 2002, 4, 15-18.	2.4	572
7	High mobility solution processed 6,13-bis(triisopropylsilylethynyl) pentacene organic thin film transistors. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	542
8	Contact-induced crystallinity for high-performance soluble acene-based transistors and circuits. <i>Nature Materials</i> , 2008, 7, 216-221.	13.3	455
9	Improving Organic Thin-Film Transistor Performance through Solvent-Vapor Annealing of Solution-Processable Triethylsilylethynyl Anthradithiophene. <i>Advanced Materials</i> , 2006, 18, 1721-1726.	11.1	388
10	High-Performance Polymer-Small Molecule Blend Organic Transistors. <i>Advanced Materials</i> , 2009, 21, 1166-1171.	11.1	351
11	Chromophore Fluorination Enhances Crystallization and Stability of Soluble Anthradithiophene Semiconductors. <i>Journal of the American Chemical Society</i> , 2008, 130, 2706-2707.	6.6	324
12	Synthesis and Characterization of Electron-Deficient Pentacenes. <i>Organic Letters</i> , 2005, 7, 3163-3166.	2.4	263
13	Competition between Singlet Fission and Charge Separation in Solution-Processed Blend Films of 6,13-Bis(triisopropylsilylethynyl)pentacene with Sterically-Encumbered Perylene-3,4:9,10-bis(dicarboximide)s. <i>Journal of the American Chemical Society</i> , 2012, 134, 386-397.	6.6	232
14	Solution-printed organic semiconductor blends exhibiting transport properties on par with single crystals. <i>Nature Communications</i> , 2015, 6, 8598.	5.8	219
15	Efficient Solution-Processed Photovoltaic Cells Based on an Anthradithiophene/Fullerene Blend. <i>Journal of the American Chemical Society</i> , 2007, 129, 9144-9149.	6.6	205
16	All-Printed Flexible Organic Transistors Enabled by Surface Tension-Guided Blade Coating. <i>Advanced Materials</i> , 2014, 26, 5722-5727.	11.1	204
17	Stable, Crystalline Acenedithiophenes with up to Seven Linearly Fused Rings. <i>Organic Letters</i> , 2004, 6, 3325-3328.	2.4	199
18	Exciton Delocalization Drives Rapid Singlet Fission in Nanoparticles of Acene Derivatives. <i>Journal of the American Chemical Society</i> , 2015, 137, 6790-6803.	6.6	195

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19	Observation of Two Triplet-Pair Intermediates in Singlet Exciton Fission. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2370-2375.	2.1	186
20	Vibronically coherent ultrafast triplet-pair formation and subsequent thermally activated dissociation control efficient endothermic singlet fission. <i>Nature Chemistry</i> , 2017, 9, 1205-1212.	6.6	184
21	Tetracene Derivatives as Potential Red Emitters for Organic LEDs. <i>Organic Letters</i> , 2003, 5, 4245-4248.	2.4	182
22	Strongly exchange-coupled triplet pairs in an organic semiconductor. <i>Nature Physics</i> , 2017, 13, 176-181.	6.5	182
23	Organic Single-Crystal Field-Effect Transistors of a Soluble Anthradithiophene. <i>Chemistry of Materials</i> , 2008, 20, 6733-6737.	3.2	178
24	Identification of a triplet pair intermediate in singlet exciton fission in solution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7656-7661.	3.3	178
25	The entangled triplet pair state in acene and heteroacene materials. <i>Nature Communications</i> , 2017, 8, 15953.	5.8	171
26	Highly Crystalline Soluble Acene Crystal Arrays for Organic Transistors: Mechanism of Crystal Growth During Dip-Coating. <i>Advanced Functional Materials</i> , 2012, 22, 1005-1014.	7.8	160
27	Bistetracene: An Air-Stable, High-Mobility Organic Semiconductor with Extended Conjugation. <i>Journal of the American Chemical Society</i> , 2014, 136, 9248-9251.	6.6	150
28	Reducing dynamic disorder in small-molecule organic semiconductors by suppressing large-amplitude thermal motions. <i>Nature Communications</i> , 2016, 7, 10736.	5.8	147
29	Bandlike transport in pentacene and functionalized pentacene thin films revealed by subpicosecond transient photoconductivity measurements. <i>Physical Review B</i> , 2005, 71, .	1.1	146
30	Controlling Nucleation and Crystallization in Solution-Processed Organic Semiconductors for Thin-Film Transistors. <i>Advanced Materials</i> , 2009, 21, 3605-3609.	11.1	141
31	Controlled Deposition of a High-Performance Small-Molecule Organic Single-Crystal Transistor Array by Direct Ink-Jet Printing. <i>Advanced Materials</i> , 2012, 24, 497-502.	11.1	141
32	Effects of polymorphism on charge transport in organic semiconductors. <i>Physical Review B</i> , 2009, 80, .	1.1	137
33	Controlled Deposition of Highly Ordered Soluble Acene Thin Films: Effect of Morphology and Crystal Orientation on Transistor Performance. <i>Advanced Materials</i> , 2009, 21, 4926-4931.	11.1	133
34	Endothermic singlet fission is hindered by excimer formation. <i>Nature Chemistry</i> , 2018, 10, 305-310.	6.6	130
35	Synthesis and Stability of Soluble Hexacenes. <i>Organic Letters</i> , 2010, 12, 2060-2063.	2.4	129
36	Anisotropic mobility in large grain size solution processed organic semiconductor thin films. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	126

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37	High Mobility Field-Effect Transistors with Versatile Processing from a Small-Molecule Organic Semiconductor. <i>Advanced Materials</i> , 2013, 25, 4352-4357.	11.1	126
38	A survey of electron-deficient pentacenes as acceptors in polymer bulk heterojunction solar cells. <i>Chemical Science</i> , 2011, 2, 363-368.	3.7	121
39	Electronic Interactions and Thermal Disorder in Molecular Crystals Containing Cofacial Pentacene Units. <i>Chemistry of Materials</i> , 2005, 17, 5024-5031.	3.2	120
40	Solvent-dependent electrical characteristics and stability of organic thin-film transistors with drop cast bis(triisopropylsilylethynyl) pentacene. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	116
41	Optical and transient photoconductive properties of pentacene and functionalized pentacene thin films: Dependence on film morphology. <i>Journal of Applied Physics</i> , 2005, 98, 033701.	1.1	114
42	Thermally Induced Solid-State Phase Transition of Bis(triisopropylsilylethynyl) Pentacene Crystals. <i>Journal of Physical Chemistry B</i> , 2006, 110, 16397-16403.	1.2	113
43	Ultrafast carrier dynamics in pentacene, functionalized pentacene, tetracene, and rubrene single crystals. <i>Applied Physics Letters</i> , 2006, 88, 162101.	1.5	107
44	Molecular solubility and hansen solubility parameters for the analysis of phase separation in bulk heterojunctions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 1405-1413.	2.4	107
45	Vertically Segregated Structure and Properties of Small Molecule-Polymer Blend Semiconductors for Organic Thin-Film Transistors. <i>Advanced Functional Materials</i> , 2013, 23, 366-376.	7.8	106
46	Soluble n-type pentacene derivatives as novel acceptors for organic solar cells. <i>Journal of Materials Chemistry</i> , 2009, 19, 3049.	6.7	101
47	Vertical Phase Separation in Small Molecule:Polymer Blend Organic Thin Film Transistors Can Be Dynamically Controlled. <i>Advanced Functional Materials</i> , 2016, 26, 1737-1746.	7.8	98
48	Manipulating molecules with strong coupling: harvesting triplet excitons in organic exciton microcavities. <i>Chemical Science</i> , 2020, 11, 343-354.	3.7	98
49	High-mobility spin-cast organic thin film transistors. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	97
50	Physicochemically Stable Polymer-Coupled Oxide Dielectrics for Multipurpose Organic Electronic Applications. <i>Advanced Functional Materials</i> , 2011, 21, 2198-2207.	7.8	97
51	Striking the right balance of intermolecular coupling for high-efficiency singlet fission. <i>Chemical Science</i> , 2018, 9, 6240-6259.	3.7	97
52	Solution-Processed TIPS-Pentacene Organic Thin-Film-Transistor Circuits. <i>IEEE Electron Device Letters</i> , 2007, 28, 877-879.	2.2	96
53	A simple and robust approach to reducing contact resistance in organic transistors. <i>Nature Communications</i> , 2018, 9, 5130.	5.8	96
54	The influence of side chains on the structures and properties of functionalized pentacenes. <i>Journal of Materials Chemistry</i> , 2008, 18, 1961.	6.7	92

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55	The Influence of the Solvent Evaporation Rate on the Phase Separation and Electrical Performances of Soluble Acene-Polymer Blend Semiconductors. <i>Advanced Functional Materials</i> , 2012, 22, 267-281.	7.8	90
56	Morphology and molecular orientation of thin-film bis(triisopropylsilylethynyl) pentacene. <i>Journal of Materials Research</i> , 2007, 22, 1701-1709.	1.2	89
57	Photoinduced p-n-type Switching in Thermoelectric Polymer-Carbon Nanotube Composites. <i>Advanced Materials</i> , 2016, 28, 2782-2789.	11.1	89
58	Photochemical upconversion of near-infrared light from below the silicon bandgap. <i>Nature Photonics</i> , 2020, 14, 585-590.	15.6	88
59	Optical, Fluorescent, and (Photo)conductive Properties of High-Performance Functionalized Pentacene and Anthradithiophene Derivatives. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14006-14014.	1.5	86
60	Addressing challenges. <i>Nature Materials</i> , 2014, 13, 773-775.	13.3	85
61	Dynamic Exchange During Triplet Transport in Nanocrystalline TIPS-Pentacene Films. <i>Journal of the American Chemical Society</i> , 2016, 138, 16069-16080.	6.6	84
62	Sensitizing Singlet Fission with Perovskite Nanocrystals. <i>Journal of the American Chemical Society</i> , 2019, 141, 4919-4927.	6.6	83
63	Correlation between microstructure, electronic properties and flicker noise in organic thin film transistors. <i>Applied Physics Letters</i> , 2008, 92, 132103.	1.5	82
64	Enhanced Performance Consistency in Nanoparticle/TIPS Pentacene-Based Organic Thin Film Transistors. <i>Advanced Functional Materials</i> , 2011, 21, 3617-3623.	7.8	81
65	Isomerically Pure <i>syn</i> -Anthradithiophenes: Synthesis, Properties, and FET Performance. <i>Organic Letters</i> , 2012, 14, 3660-3663.	2.4	81
66	Anisotropy of transient photoconductivity in functionalized pentacene single crystals. <i>Applied Physics Letters</i> , 2006, 89, 192113.	1.5	79
67	Delayed Molecular Triplet Generation from Energized Lead Sulfide Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1458-1463.	2.1	78
68	Conjugated Polymer-Mediated Polymorphism of a High Performance, Small-Molecule Organic Semiconductor with Tuned Intermolecular Interactions, Enhanced Long-Range Order, and Charge Transport. <i>Chemistry of Materials</i> , 2013, 25, 4378-4386.	3.2	77
69	Crossover from band-like to thermally activated charge transport in organic transistors due to strain-induced traps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6739-E6748.	3.3	77
70	Spray-deposited poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) top electrode for organic solar cells. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	76
71	Origin of the bias stress instability in single-crystal organic field-effect transistors. <i>Physical Review B</i> , 2010, 82, .	1.1	76
72	Quantitative analysis of the density of trap states at the semiconductor-dielectric interface in organic field-effect transistors. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	75

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73	Decoupling the Effects of Self-Assembled Monolayers on Gold, Silver, and Copper Organic Transistor Contacts. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400384.	1.9	75
74	High-performance organic integrated circuits based on solution processable polymer-small molecule blends. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	74
75	Singlet Exciton Fission in a Hexacene Derivative. <i>Advanced Materials</i> , 2013, 25, 1445-1448.	11.1	73
76	Direct Structural Mapping of Organic Field-Effect Transistors Reveals Bottlenecks to Carrier Transport. <i>Advanced Materials</i> , 2012, 24, 5553-5558.	11.1	70
77	Controlling the Microstructure of Solution-Processable Small Molecules in Thin-Film Transistors through Substrate Chemistry. <i>Chemistry of Materials</i> , 2011, 23, 1194-1203.	3.2	67
78	Geminate and Nongeminate Recombination of Triplet Excitons Formed by Singlet Fission. <i>Physical Review Letters</i> , 2014, 112, 238701.	2.9	67
79	Tailored interfaces for self-patterning organic thin-film transistors. <i>Journal of Materials Chemistry</i> , 2012, 22, 19047.	6.7	66
80	Effect of Acene Length on Electronic Properties in 5-, 6-, and 7-Ringed Heteroacenes. <i>Advanced Materials</i> , 2011, 23, 3698-3703.	11.1	65
81	Vibration-Assisted Crystallization Improves Organic/Dielectric Interface in Organic Thin-Film Transistors. <i>Advanced Materials</i> , 2013, 25, 6956-6962.	11.1	65
82	A Reiterative Approach to 2,3-Disubstituted Naphthalenes and Anthracenes. <i>Organic Letters</i> , 2000, 2, 85-87.	2.4	64
83	Guiding Crystallization around Bends and Sharp Corners. <i>Advanced Materials</i> , 2012, 24, 2692-2698.	11.1	62
84	Control of Energy Flow Dynamics between Tetracene Ligands and PbS Quantum Dots by Size Tuning and Ligand Coverage. <i>Nano Letters</i> , 2018, 18, 865-873.	4.5	62
85	Direct Observation of Correlated Triplet Pair Dynamics during Singlet Fission Using Ultrafast Mid-IR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2012-2022.	1.5	62
86	Highly conductive wet-spun PEDOT:PSS fibers for applications in electronic textiles. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11618-11630.	2.7	62
87	Polymer Directed Self-Assembly of pH-Responsive Antioxidant Nanoparticles. <i>Langmuir</i> , 2015, 31, 3612-3620.	1.6	61
88	Zone-Refinement Effect in Small Molecule-Polymer Blend Semiconductors for Organic Thin-Film Transistors. <i>Journal of the American Chemical Society</i> , 2011, 133, 412-415.	6.6	59
89	Solvent-type-dependent polymorphism and charge transport in a long fused-ring organic semiconductor. <i>Nanoscale</i> , 2014, 6, 449-456.	2.8	59
90	Thermal and mechanical cracking in bis(triisopropylsilylethynyl) pentacene thin films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 3631-3641.	2.4	58

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91	Late stage crystallization and healing during spin-coating enhance carrier transport in small-molecule organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5681-5689.	2.7	58
92	Effect of Crystallization Modes in TIPS-pentacene/Insulating Polymer Blends on the Gas Sensing Properties of Organic Field-Effect Transistors. <i>Scientific Reports</i> , 2019, 9, 21.	1.6	58
93	Spray printing of organic semiconducting single crystals. <i>Nature Communications</i> , 2016, 7, 13531.	5.8	57
94	Large-area patterning of a solution-processable organic semiconductor to reduce parasitic leakage and off currents in thin-film transistors. <i>Applied Physics Letters</i> , 2007, 90, 244103.	1.5	56
95	Fabrication and characterization of controllable grain boundary arrays in solution-processed small molecule organic semiconductor films. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	56
96	Solution-processable, crystalline material for quantitative singlet fission. <i>Materials Horizons</i> , 2017, 4, 915-923.	6.4	56
97	Photophysical Properties of Dioxolane-Substituted Pentacene Derivatives Dispersed in Tris(quinolin-8-olato)aluminum(III). <i>Journal of Physical Chemistry B</i> , 2006, 110, 7928-7937.	1.2	55
98	Singlet Fission and Triplet Transfer to PbS Quantum Dots in TIPS-Tetracene Carboxylic Acid Ligands. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1454-1460.	2.1	53
99	Direct probe of the nuclear modes limiting charge mobility in molecular semiconductors. <i>Materials Horizons</i> , 2019, 6, 182-191.	6.4	53
100	The Electronic Nature and Reactivity of the Larger Acenes. <i>Israel Journal of Chemistry</i> , 2014, 54, 642-649.	1.0	50
101	Temperature dependence of exciton and charge carrier dynamics in organic thin films. <i>Physical Review B</i> , 2011, 84, .	1.1	49
102	Quantifying Resistances across Nanoscale Low- and High-Angle Interspherulite Boundaries in Solution-Processed Organic Semiconductor Thin Films. <i>ACS Nano</i> , 2012, 6, 9879-9886.	7.3	48
103	Engineering Molecular Ligand Shells on Quantum Dots for Quantitative Harvesting of Triplet Excitons Generated by Singlet Fission. <i>Journal of the American Chemical Society</i> , 2019, 141, 12907-12915.	6.6	48
104	Suppressing bias stress degradation in high performance solution processed organic transistors operating in air. <i>Nature Communications</i> , 2021, 12, 2352.	5.8	48
105	Formation of the Donor-Acceptor Charge-Transfer Exciton and Its Contribution to Charge Photogeneration and Recombination in Small-Molecule Bulk Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18108-18116.	1.5	47
106	Surface Potential Imaging of Solution Processable Acene-Based Thin Film Transistors. <i>Advanced Materials</i> , 2008, 20, 4513-4516.	11.1	46
107	Heterogeneous Nucleation Promotes Carrier Transport in Solution-Processed Organic Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2013, 23, 291-297.	7.8	46
108	Long-lived charge traps in functionalized pentacene and anthradithiophene studied by time-resolved electric force microscopy. <i>Journal of Materials Chemistry</i> , 2009, 19, 6116.	6.7	45

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109	Boosting Direct X-ray Detection in Organic Thin Films by Small Molecules Tailoring. <i>Advanced Functional Materials</i> , 2019, 29, 1806119.	7.8	45
110	Emissive spin-0 triplet-pairs are a direct product of triplet-triplet annihilation in pentacene single crystals and anthradithiophene films. <i>Nature Chemistry</i> , 2021, 13, 163-171.	6.6	45
111	A new functionalization strategy for pentacene. <i>Chemical Communications</i> , 2007, , 4746.	2.2	44
112	Solvent Vapor Annealing in the Molecular Regime Drastically Improves Carrier Transport in Small-Molecule Thin-Film Transistors. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2325-2330.	4.0	44
113	Structural and Electronic Properties of Crystalline, Isomerically Pure Anthradithiophene Derivatives. <i>Advanced Functional Materials</i> , 2016, 26, 2341-2348.	7.8	44
114	Rational Design of Organic Semiconductors for Texture Control and Self-Patterning on Halogenated Surfaces. <i>Advanced Functional Materials</i> , 2014, 24, 5052-5058.	7.8	43
115	Energy Transfer and Exciplex Formation and Their Impact on Exciton and Charge Carrier Dynamics in Organic Films. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 362-366.	2.1	42
116	Interface engineering to enhance charge injection and transport in solution-deposited organic transistors. <i>Organic Electronics</i> , 2017, 50, 100-105.	1.4	41
117	Dynamics of singlet fission and electron injection in self-assembled acene monolayers on titanium dioxide. <i>Chemical Science</i> , 2018, 9, 3004-3013.	3.7	41
118	Silylethynylated Anthracene Derivatives for use in Organic Light-Emitting Diodes. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 3921-3922.	0.8	40
119	Solution-Processed Organic and Halide Perovskite Transistors on Hydrophobic Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18120-18126.	4.0	40
120	Triplet Transfer Mediates Triplet Pair Separation during Singlet Fission in 6,13-Bis(triisopropylsilylethynyl)Pentacene. <i>Advanced Functional Materials</i> , 2017, 27, 1703929.	7.8	40
121	Establishing Efficient Electrical Contact to the Weak Crystals of Triethylsilylethynyl Anthradithiophene. <i>Chemistry of Materials</i> , 2007, 19, 5210-5215.	3.2	39
122	Electron Transfer Parameters of Triisopropylsilylethynyl-Substituted Oligoacenes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 20518-20524.	1.5	39
123	Harnessing Molecular Vibrations to Probe Triplet Dynamics During Singlet Fission. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5700-5706.	2.1	39
124	Effects of Grain Boundary Density on the Gas Sensing Properties of Triethylsilylethynyl-Anthradithiophene Field-Effect Transistors. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701399.	1.9	39
125	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
126	Isomerically pure electron-deficient anthradithiophenes and their acceptor performance in polymer solar cells. <i>Chemical Communications</i> , 2011, 47, 7617.	2.2	38

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127	Independent Tuning of Electronic Levels in Pentacene by Site-Specific Substitution. ChemPhysChem, 2008, 9, 1519-1523.	1.0	37
128	Synthesis and charge transport studies of stable, soluble hexacenes. Chemical Communications, 2012, 48, 8261.	2.2	37
129	The Influence of Isomer Purity on Trap States and Performance of Organic Thin-Film Transistors. Advanced Electronic Materials, 2017, 3, 1600294.	2.6	37
130	Thin-film morphology and transistor performance of alkyl-substituted triethylsilylethynyl anthradithiophenes. Journal of Materials Chemistry, 2009, 19, 7984.	6.7	36
131	Slow charge transfer from pentacene triplet states at the Marcus optimum. Nature Chemistry, 2020, 12, 63-70.	6.6	36
132	Transport in organic semiconductors in large electric fields: From thermal activation to field emission. Applied Physics Letters, 2010, 96, 053308.	1.5	34
133	“Phosphonic acid organic monolayer”-amorphous sol-gel hafnium oxide hybrid dielectric for low-voltage organic transistors on plastic. Journal of Materials Chemistry, 2009, 19, 7929.	6.7	33
134	Low-voltage polymer/small-molecule blend organic thin-film transistors and circuits fabricated via spray deposition. Applied Physics Letters, 2015, 106, .	1.5	33
135	Direct vs Delayed Triplet Energy Transfer from Organic Semiconductors to Quantum Dots and Implications for Luminescent Harvesting of Triplet Excitons. ACS Nano, 2020, 14, 4224-4234.	7.3	33
136	Polymeric Substrate Spin-Cast diF-TESADT OTFT Circuits. IEEE Electron Device Letters, 2008, 29, 1004-1006.	2.2	32
137	Elucidation of Excitation Energy Dependent Correlated Triplet Pair Formation Pathways in an Endothermic Singlet Fission System. Journal of the American Chemical Society, 2018, 140, 4613-4622.	6.6	32
138	Aggregate formation and its effect on (opto)electronic properties of guest-host organic semiconductors. Applied Physics Letters, 2010, 97, 163303.	1.5	31
139	Photophysical characterization and time-resolved spectroscopy of a anthradithiophene dimer: exploring the role of conformation in singlet fission. Physical Chemistry Chemical Physics, 2017, 19, 23162-23175.	1.3	31
140	Solution processed low-voltage organic transistors and complementary inverters. Applied Physics Letters, 2009, 95, .	1.5	30
141	Enhanced charge photogeneration promoted by crystallinity in small-molecule donor-acceptor bulk heterojunctions. Applied Physics Letters, 2014, 105, 043301.	1.5	30
142	High mobility transistors based on electrospray-printed small-molecule/polymer semiconducting blends. Journal of Materials Chemistry C, 2016, 4, 3499-3507.	2.7	30
143	Theory-Driven Insight into the Crystal Packing of Trialkylsilylethynyl Pentacenes. Chemistry of Materials, 2017, 29, 2502-2512.	3.2	30
144	Organic semiconductor composites: Influence of additives on the transient photocurrent. Applied Physics Letters, 2009, 94, 013306.	1.5	29

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145	Synthesis and Properties of Isomerically Pure Anthrabisbenzothiophenes. <i>Organic Letters</i> , 2012, 14, 62-65.	2.4	29
146	Presence of Short Intermolecular Contacts Screens for Kinetic Stability in Packing Polymorphs. <i>Journal of the American Chemical Society</i> , 2018, 140, 7519-7525.	6.6	29
147	Grain Boundary Induced Bias Instability in Soluble Acene-Based Thin-Film Transistors. <i>Scientific Reports</i> , 2016, 6, 33224.	1.6	27
148	Characterization of functionalized pentacene field-effect transistors and its logic gate application. <i>Journal of Applied Physics</i> , 2006, 100, 044511.	1.1	25
149	Intermolecular Effects on the Hole States of Triisopropylsilylethynyl-Substituted Oligoacenes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13838-13845.	1.5	25
150	Understanding Heterogeneous Nucleation in Binary, Solution-Processed, Organic Semiconductor Thin Films. <i>Chemistry of Materials</i> , 2012, 24, 2920-2928.	3.2	25
151	Photoresponse of the conductivity in functionalized pentacene compounds. <i>Journal of Applied Physics</i> , 2002, 92, 5208-5213.	1.1	24
152	Self-organizing properties of triethylsilylethynyl-anthradithiophene on monolayer graphene electrodes in solution-processed transistors. <i>Nanoscale</i> , 2013, 5, 11094.	2.8	24
153	Quantifying the Energy Barriers and Elucidating the Charge Transport Mechanisms across Interspherulite Boundaries in Solution-Processed Organic Semiconductor Thin Films. <i>Advanced Functional Materials</i> , 2015, 25, 5662-5668.	7.8	24
154	Unified film patterning and annealing of an organic semiconductor with micro-grooved wet stamps. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6996-7003.	2.7	24
155	Understanding the Crystal Packing and Organic Thin-Film Transistor Performance in Isomeric Guest-Host Systems. <i>Advanced Materials</i> , 2017, 29, 1700048.	11.1	24
156	Impact of Atomistic Substitution on Thin-Film Structure and Charge Transport in a Germanyl-ethynyl Functionalized Pentacene. <i>Chemistry of Materials</i> , 2019, 31, 6615-6623.	3.2	24
157	Persistent photoexcited conducting states in functionalized pentacene. <i>Journal of Applied Physics</i> , 2004, 96, 3312-3318.	1.1	23
158	OCELOT: An infrastructure for data-driven research to discover and design crystalline organic semiconductors. <i>Journal of Chemical Physics</i> , 2021, 154, 174705.	1.2	23
159	Functionalized pentacenes: a combined theoretical, Raman and UV-Vis spectroscopic study. <i>Theoretical Chemistry Accounts</i> , 2011, 128, 521-530.	0.5	22
160	Computationally aided design of a high-performance organic semiconductor: the development of a universal crystal engineering core. <i>Chemical Science</i> , 2019, 10, 10543-10549.	3.7	22
161	Enhanced Gas Sensing Performance of Organic Field-Effect Transistors by Modulating the Dimensions of Triethylsilylethynyl-Anthradithiophene Microcrystal Arrays. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901696.	1.9	22
162	Medical Applications of Tissue-Equivalent, Organic-Based Flexible Direct X-Ray Detectors. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	22

#	ARTICLE	IF	CITATIONS
163	Singlet Fission in Concentrated TIPS-Pentacene Solutions: The Role of Excimers and Aggregates. <i>Journal of the American Chemical Society</i> , 2021, 143, 13749-13758.	6.6	22
164	Influence of Solid-State Microstructure on the Electronic Performance of 5,11-Bis(triethylsilylethynyl) Anthradithiophene. <i>Chemistry of Materials</i> , 2013, 25, 1823-1828.	3.2	21
165	Delimited Polyacenes: Edge Topology as a Tool To Modulate Carbon Nanoribbon Structure, Conjugation, and Mobility. <i>Chemistry of Materials</i> , 2018, 30, 947-957.	3.2	21
166	Importance of intramolecular electron spin relaxation in small molecule semiconductors. <i>Physical Review B</i> , 2011, 84, .	1.1	20
167	Simple, low-cost, water-processable n -type thermoelectric composite films from multiwall carbon nanotubes in polyvinylpyrrolidone. <i>Synthetic Metals</i> , 2017, 225, 86-92.	2.1	20
168	Employing Pneumatic Nozzle Printing for Controlling the Crystal Growth of Small Molecule Organic Semiconductor for Field-Effect Transistors. <i>Advanced Electronic Materials</i> , 2018, 4, 1700534.	2.6	20
169	1D versus 2D Growth of Soluble Acene Crystals from Soluble Acene/Polymer Blends Governed by a Residual Solvent Reservoir in a Phase-Separated Polymer Matrix. <i>Advanced Functional Materials</i> , 2018, 28, 1802875.	7.8	20
170	Small-Molecule Bulk Heterojunctions: Distinguishing Between Effects of Energy Offsets and Molecular Packing on Optoelectronic Properties. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24752-24760.	1.5	19
171	Electrospray-Processed Soluble Acenes toward the Realization of High-Performance Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6496-6504.	4.0	19
172	Synthesis and Electrical Properties of Derivatives of 1,4-bis(trialkylsilylethynyl)benzo[2,3- <i>b</i> :5,6- <i>b'</i>]diindolizines. <i>Organic Letters</i> , 2016, 18, 6050-6053.	2.4	19
173	Organic Field-Effect Transistors as Flexible, Tissue-Equivalent Radiation Dosimeters in Medical Applications. <i>Advanced Science</i> , 2020, 7, 2001522.	5.6	19
174	TIPS-pentacene triplet exciton generation on PbS quantum dots results from indirect sensitization. <i>Chemical Science</i> , 2020, 11, 5690-5696.	3.7	19
175	Perylene Synthesis by the Parallel Cycloaromatization of Adjacent Ene-dienes. <i>Organic Letters</i> , 2000, 2, 961-963.	2.4	18
176	Probing stress effects in single crystal organic transistors by scanning Kelvin probe microscopy. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	18
177	Role of crystallinity of non-fullerene acceptors in bulk heterojunctions. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9989-9998.	5.2	18
178	Vibrational probe of the origin of singlet exciton fission in TIPS-pentacene solutions. <i>Journal of Chemical Physics</i> , 2019, 151, 154701.	1.2	18
179	Characterization of a soluble anthradithiophene derivative. <i>Applied Physics Letters</i> , 2010, 97, 133306.	1.5	17
180	Laser-Printed Organic Thin-Film Transistors. <i>Advanced Materials Technologies</i> , 2017, 2, 1700167.	3.0	17

#	ARTICLE	IF	CITATIONS
181	Processing Dependent Influence of the Hole Transport Layer Ionization Energy on Methylammonium Lead Iodide Perovskite Photovoltaics. ACS Applied Materials & Interfaces, 2018, 10, 15548-15557.	4.0	17
182	Non-Relief Pattern Lithography Patterning of Solution Processed Organic Semiconductors. Advanced Materials, 2008, 20, 4145-4147.	11.1	16
183	Single-step solution processing of small-molecule organic semiconductor field-effect transistors at high yield. Applied Physics Letters, 2011, 99, .	1.5	16
184	Localization length scales of triplet excitons in singlet fission materials. Physical Review B, 2015, 92, .	1.1	16
185	Temporal mapping of photochemical reactions and molecular excited states with carbon specificity. Nature Materials, 2017, 16, 467-473.	13.3	16
186	Charge transport in solution processable polycrystalline dual-gate organic field effect transistors. Applied Physics Letters, 2011, 98, 202106.	1.5	15
187	Thermal diffusivities of functionalized pentacene semiconductors. Applied Physics Letters, 2014, 105, .	1.5	15
188	Influence of solvent additives on the morphology and electrical properties of diF-TES ADT organic field-effect transistors. Organic Electronics, 2019, 68, 205-211.	1.4	15
189	Micro-Raman imaging of isomeric segregation in small-molecule organic semiconductors. Communications Chemistry, 2019, 2, .	2.0	15
190	Ultrafast Triplet Pair Separation and Triplet Trapping following Singlet Fission in Amorphous Pentacene Films. Journal of Physical Chemistry C, 2020, 124, 23567-23578.	1.5	15
191	High-Symmetry Anthradithiophene Molecular Packing Motifs Promote Thermally Activated Singlet Fission. Journal of Physical Chemistry C, 2022, 126, 4433-4445.	1.5	15
192	Effect of Processing Parameters on Performance of Spray-Deposited Organic Thin-Film Transistors. Journal of Nanotechnology, 2011, 2011, 1-6.	1.5	14
193	Crystalline Alloys of Organic Donors and Acceptors Based on TIPS-Pentacene. Journal of Physical Chemistry C, 2015, 119, 20823-20832.	1.5	14
194	Directed Functionalization Tailors the Polarized Emission and Waveguiding Properties of Anthracene-Based Molecular Crystals. Chemistry of Materials, 2019, 31, 1775-1783.	3.2	14
195	Large-area printed low-voltage organic thin film transistors via minimal-solution bar-coating. Journal of Materials Chemistry C, 2020, 8, 15112-15118.	2.7	14
196	Photocurrent in Metal-Halide Perovskite/Organic Semiconductor Heterostructures: Impact of Microstructure on Charge Generation Efficiency. ACS Applied Materials & Interfaces, 2021, 13, 10231-10238.	4.0	14
197	Triplet-pair spin signatures from macroscopically aligned heteroacenes in an oriented single crystal. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
198	Molecular packing-dependent exciton dynamics in functionalized anthradithiophene derivatives: From solutions to crystals. Journal of Chemical Physics, 2020, 153, 164715.	1.2	13

#	ARTICLE	IF	CITATIONS
199	Electro-optic measurement of carrier mobility in an organic thin-film transistor. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	12
200	Predictive Model of Charge Mobilities in Organic Semiconductor Small Molecules with Force-Matched Potentials. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 3494-3503.	2.3	12
201	Photo-assisted molecular engineering in solution-processed organic thin-film transistors with a blended semiconductor for high mobility anisotropy. <i>Applied Physics Letters</i> , 2013, 102, 013306.	1.5	11
202	Effect of Ozone on the Stability of Solution-Processed Anthradithiophene-Based Organic Field-Effect Transistors. <i>Chemistry of Materials</i> , 2014, 26, 3914-3919.	3.2	11
203	Growth, Structure, and Anisotropic Optical Properties of Difluoro-anthradithiophene Thin Films. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21011-21017.	1.5	11
204	Thiol-Anchored TIPS-Tetracene Ligands with Quantitative Triplet Energy Transfer to PbS Quantum Dots and Improved Thermal Stability. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7239-7244.	2.1	11
205	Real-time monitoring of trap dynamics reveals the electronic states that limit charge transport in crystalline organic semiconductors. <i>Materials Horizons</i> , 2020, 7, 2390-2398.	6.4	11
206	Direct detection of 5-MeV protons by flexible organic thin-film devices. <i>Science Advances</i> , 2021, 7, .	4.7	11
207	Low-temperature phase transitions in a soluble oligoacene and their effect on device performance and stability. <i>Applied Physics Letters</i> , 2014, 105, 083305.	1.5	10
208	Textured Poling of the Ferroelectric Dielectric Layer for Improved Organic Field-Effect Transistors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801787.	1.9	10
209	The role of orientation in the MEL response of OLEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10052-10064.	2.7	10
210	Exciton Polariton-Enhanced Photodimerization of Functionalized Tetracene. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27072-27083.	1.5	10
211	Role of Fluorine Interactions in the Self-Assembly of a Functionalized Anthradithiophene Monolayer on Au(111). <i>Journal of Physical Chemistry C</i> , 2012, 116, 21465-21471.	1.5	9
212	Synthesis, crystal structure, polymorphism and microscopic luminescence properties of anthracene derivative compounds. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 427-435.	0.5	9
213	Excited-State Dynamics of 5,14- vs 6,13-Bis(trialkylsilylethynyl)-Substituted Pentacenes: Implications for Singlet Fission. <i>Journal of Physical Chemistry C</i> , 2022, 126, 9784-9793.	1.5	9
214	Topography-guided spreading and drying of 6,13-bis(triisopropylsilylethynyl)-pentacene solution on a polymer insulator for the field-effect mobility enhancement. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	8
215	The effect of regioisomerism on the crystal packing and device performance of desymmetrized anthradithiophenes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8956-8962.	2.7	8
216	Design of organic ternary blends and small-molecule bulk heterojunctions: photophysical considerations. <i>Journal of Photonics for Energy</i> , 2015, 5, 057208.	0.8	8

#	ARTICLE	IF	CITATIONS
217	Effect of Halogenation on the Energetics of Pure and Mixed Phases in Model Organic Semiconductors Composed of Anthradithiophene Derivatives and C ₆₀ . Journal of Physical Chemistry C, 2018, 122, 4757-4767.	1.5	8
218	Conversion between triplet pair states is controlled by molecular coupling in pentadithiophene thin films. Chemical Science, 2020, 11, 7226-7238.	3.7	8
219	Probing the Wave Function and Dynamics of the Quintet Multiexciton State with Coherent Control in a Singlet Fission Material. Physical Review X, 2020, 10, .	2.8	8
220	Optimization of gate-bias stability and gas-sensing properties of triethylsilylethynyl anthradithiophene micro-strip field-effect transistors by incorporating insulating polymer. Organic Electronics, 2020, 85, 105878.	1.4	8
221	What is special about silicon in functionalised organic semiconductors?. Materials Advances, 2021, 2, 5415-5421.	2.6	8
222	Field-effect transistors made by functionalized pentacene with logic gate applications. Journal of Low Temperature Physics, 2006, 142, 387-392.	0.6	7
223	Thermal resistances of thin films of small molecule organic semiconductors. Journal of Materials Chemistry C, 2016, 4, 8817-8821.	2.7	7
224	Single-Molecule Level Insight into Nanoscale Environment-Dependent Photophysics in Blends. Journal of Physical Chemistry C, 2017, 121, 12483-12494.	1.5	7
225	Molecular Packing-Dependent Exciton and Polariton Dynamics in Anthradithiophene Organic Crystals. MRS Advances, 2018, 3, 3465-3470.	0.5	7
226	Tuning Triplet-Pair Separation versus Relaxation Using a Diamond Anvil Cell. Cell Reports Physical Science, 2020, 1, 100005.	2.8	7
227	Spin Fine Structure Reveals Biexciton Geometry in an Organic Semiconductor. Physical Review Letters, 2020, 125, 097402.	2.9	7
228	Hydrogen Bonding Optimizes Singlet Fission in Carboxylic Acid Functionalized Anthradithiophene Films. ChemPhotoChem, 2021, 5, 68-78.	1.5	7
229	Exciton Polaritons Reveal "Hidden" Populations in Functionalized Pentacene Films. Journal of Physical Chemistry C, 2021, 125, 27381-27393.	1.5	7
230	Quantitative Hole Mobility Simulation and Validation in Substituted Acenes. Journal of Physical Chemistry Letters, 2022, 13, 5530-5537.	2.1	7
231	Capillary effects in guided crystallization of organic thin films. APL Materials, 2015, 3, .	2.2	6
232	Measuring the impact of spin-triplet exciton orientation on photocurrent in an organic transistor. Journal of Materials Chemistry C, 2021, 9, 11809-11814.	2.7	6
233	A Novel Mitigation Mechanism for Photo-Induced Trapping in an Anthradithiophene Derivative Using Additives. Advanced Electronic Materials, 2020, 6, 2000250.	2.6	5
234	Transistor Sizing for Bias-Stress Instability Compensation in Inkjet-Printed Organic Complementary Inverters. IEEE Electron Device Letters, 2016, 37, 1438-1441.	2.2	4

#	ARTICLE	IF	CITATIONS
235	Red-emitting, EtTP-5-based organic nanoprobe for two-photon imaging in 3D multicellular biological models. RSC Advances, 2016, 6, 65770-65774.	1.7	4
236	Synthesis and electronic properties of a linearly fused anthracene dimer. Tetrahedron Letters, 2020, 61, 152182.	0.7	4
237	Influence of film structure and light on charge trapping and dissipation dynamics in spun-cast organic thin-film transistors measured by scanning Kelvin probe microscopy. Applied Physics Letters, 2012, 100, 263305.	1.5	3
238	Disruption of Molecular Ordering over Several Layers near the Au/2,8-Difluoro-5,11-bis(triethylsilylethynyl) Anthradithiophene Interface. Crystal Growth and Design, 2015, 15, 822-828.	1.4	3
239	A Thermostable Protein Matrix for Spectroscopic Analysis of Organic Semiconductors. Journal of the American Chemical Society, 2020, 142, 13898-13907.	6.6	3
240	Nanoribbons or weakly connected acenes? The influence of pyrene insertion on linearly extended ring systems. Journal of Materials Chemistry C, 2021, 9, 16929-16934.	2.7	3
241	Intrinsic Charge Trapping Observed as Surface Potential Variations in diF-TES-ADT Films. ACS Applied Materials & Interfaces, 2016, 8, 21490-21496.	4.0	2
242	Annealing Behavior with Thickness Hindered Nucleation in Small-Molecule Organic Semiconductor Thin Films. Crystal Growth and Design, 2019, 19, 3777-3784.	1.4	2
243	Gas Sensors: Enhanced Gas Sensing Performance of Organic Field-Effect Transistors by Modulating the Dimensions of Triethylsilylethynyl-Anthradithiophene Microcrystal Arrays (Adv. Mater. Interfaces) Tj ETQq1 1 0.7849 14 rgB2 /Overlo	1.4	2
244	Isothermal crystallization and time-temperature-transformation diagram of the organic semiconductor 5,11-bis(triethylsilylethynyl)anthradithiophene. Journal of Materials Chemistry C, 2021, 9, 11745-11752.	2.7	2
245	Crystal engineering of alkylethynyl fluoroanthradithiophenes. Molecular Systems Design and Engineering, 0, , .	1.7	2
246	Insights into the Structure and Self-Assembly of Organic Semiconductor/Quantum Dot Blends. Advanced Functional Materials, 2022, 32, 2109252.	7.8	2
247	Induced π -Stacking in Acenes. , 0, , 511-545.		1
248	Field-Effect Transistors Made by Functionalized Pentacene with Logic Gate Applications. Journal of Low Temperature Physics, 2007, 142, 391-396.	0.6	1
249	High-Speed, Low-Temperature Integrated ZnO/Organic CMOS Circuits. , 2008, , .		1
250	ORGANIC FIELD-EFFECT TRANSISTORS: Physicochemically Stable Polymer-Coupled Oxide Dielectrics for Multipurpose Organic Electronic Applications (Adv. Funct. Mater. 12/2011). Advanced Functional Materials, 2011, 21, 2197-2197.	7.8	1
251	Inside Cover: Synthesis and Structural Characterization of Crystalline Nonacenes (Angew. Chem. Int.) Tj ETQq1 1 0.784314 rgBT /Overlo	7.2	1
252	Organic Semiconductors: Rational Design of Organic Semiconductors for Texture Control and Self-Patterning on Halogenated Surfaces (Adv. Funct. Mater. 32/2014). Advanced Functional Materials, 2014, 24, 5168-5168.	7.8	1

#	ARTICLE	IF	CITATIONS
253	Exploring Crystal Structure in Ethyne-Substituted Pentacenes, and Their Elaboration into Crystalline Dehydro[18]annulenes. Helvetica Chimica Acta, 2019, 102, e1900026.	1.0	1
254	<i>In Situ</i> Reduction and Functionalization of Polycyclic Quinones. Organic Letters, 2020, 22, 7193-7196.	2.4	1
255	Resolving electron injection from singlet fission-borne triplets into mesoporous transparent conducting oxides. Chemical Science, 2021, 12, 11146-11156.	3.7	1
256	Environmental and operational stability of solution processed TIPS-pentacene OTFTs. , 2006, , .		0
257	Engineered Pentacenes. , 2006, , 58-74.		0
258	Influence of the film microstructure on the electronic properties and flicker noise in organic thin film transistors. , 2007, , .		0
259	Fluorescent and photoconductive properties of anthradithiophene and pentacene derivatives. , 2007, , .		0
260	Solution processed OTFT circuits on plastic substrates. Device Research Conference, IEEE Annual, 2007, , .	0.0	0
261	Temperature dependent properties of novel functionalized anthradithiophene and dicyanomethylenedihydrofuran derivatives. , 2008, , .		0
262	Electrical characterization of soluble anthradithiophene derivatives. , 2009, , .		0
263	Organic Thin-Film Transistors: Controlling Nucleation and Crystallization in Solution-Processed Organic Semiconductors for Thin-Film Transistors (Adv. Mater. 35/2009). Advanced Materials, 2009, 21, NA-NA.	11.1	0
264	Novel annealing processes for soluble acenes. , 2010, , .		0
265	Tuning the microstructure and electronic performance in organic thin-film transistors using chemical modifications at interfaces. , 2011, , .		0
266	Innentitelbild: Synthesis and Structural Characterization of Crystalline Nonacenes (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	0
267	Molecular Orientation: Guiding Crystallization around Bends and Sharp Corners (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.1	0
268	Organic Thin-Film Transistors: Vibration-Assisted Crystallization Improves Organic/Dielectric Interface in Organic Thin-Film Transistors (Adv. Mater. 48/2013). Advanced Materials, 2013, 25, 7054-7054.	11.1	0
269	Organic Electronics: The Influence of Isomer Purity on Trap States and Performance of Organic Thin-Film Transistors (Adv. Electron. Mater. 1/2017). Advanced Electronic Materials, 2017, 3, .	2.6	0
270	Organic Thin-Film Transistors: Laser-Printed Organic Thin-Film Transistors (Adv. Mater. Technol.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.0	0

#	ARTICLE	IF	CITATIONS
271	The Direct Solutionâ€Process Crystallization of Î€â€Conjugated Small Molecules Inâ€Situ Integrated Planar Electrodes. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900617.	0.8	0
272	Reply to: On the observation of photo-excitation effects in molecules using muon spin spectroscopy. Nature Materials, 2021, , .	13.3	0
273	Effect of molecular side groups and local nanoenvironment on photodegradation and its reversibility. , 2018, , .		0
274	Group 14 effects in alkynyl acene small molecule semiconductors. , 2021, , .		0