

# Benoît H Lessard

## List of Publications by Year in descending order

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131  
papers

3,318  
citations

159525

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197736

49  
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136  
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136  
docs citations

136  
times ranked

2670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phthalocyanine-Based Organic Thin-Film Transistors: A Review of Recent Advances. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13105-13118.	4.0	289
2	High Performance Near-Infrared (NIR) Photoinitiating Systems Operating under Low Light Intensity and in the Presence of Oxygen. <i>Macromolecules</i> , 2018, 51, 1314-1324.	2.2	152
3	Two-Dimensional Structural Motif in Thienoacene Semiconductors: Synthesis, Structure, and Properties of Tetrathienoanthracene Isomers. <i>Chemistry of Materials</i> , 2008, 20, 2484-2494.	3.2	144
4	Bis(tri- <i>n</i> -hexylsilyl oxide) Silicon Phthalocyanine: A Unique Additive in Ternary Bulk Heterojunction Organic Photovoltaic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 15040-15051.	4.0	71
5	Fluorescent, Thermoresponsive Oligo(ethylene glycol) Methacrylate/9-(4-Vinylbenzyl)-9 <i>H</i> -carbazole Copolymers Designed with Multiple LCSTs via Nitroxide Mediated Controlled Radical Polymerization. <i>Macromolecules</i> , 2012, 45, 1879-1891.	2.2	64
6	Photoinduced Thermal Polymerization Reactions. <i>Macromolecules</i> , 2018, 51, 8808-8820.	2.2	63
7	Metal phthalocyanines: thin-film formation, microstructure, and physical properties. <i>RSC Advances</i> , 2021, 11, 21716-21737.	1.7	63
8	Nitroxide-Mediated Synthesis of Poly(poly(ethylene glycol) acrylate) (PPEGA) Comb-Like Homopolymers and Block Copolymers. <i>Macromolecules</i> , 2008, 41, 7870-7880.	2.2	60
9	One-Step Poly(styrene- <i>alt</i> -maleic anhydride)-block-poly(styrene) Copolymers with Highly Alternating Styrene/Maleic Anhydride Sequences Are Possible by Nitroxide-Mediated Polymerization. <i>Macromolecules</i> , 2010, 43, 879-885.	2.2	59
10	Assessing the Potential Roles of Silicon and Germanium Phthalocyanines in Planar Heterojunction Organic Photovoltaic Devices and How Pentafluoro Phenoxylation Can Enhance $\pi$ - $\pi$ Interactions and Device Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 5076-5088.	4.0	58
11	Nitroxide-Mediated Polymerization: A Versatile Tool for the Engineering of Next Generation Materials. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5327-5344.	2.0	58
12	Styrene/Acrylic Acid Random Copolymers Synthesized by Nitroxide-Mediated Polymerization: Effect of Free Nitroxide on Kinetics and Copolymer Composition. <i>Macromolecules</i> , 2008, 41, 3446-3454.	2.2	54
13	Boron Subphthalocyanines and Silicon Phthalocyanines for Use as Active Materials in Organic Photovoltaics. <i>Chemical Record</i> , 2019, 19, 1093-1112.	2.9	54
14	Layer-by-layer fabrication of organic photovoltaic devices: material selection and processing conditions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14-40.	2.7	53
15	Nitroxide-mediated radical copolymerization of methyl methacrylate controlled with a minimal amount of 9-(4-vinylbenzyl)-9 <i>H</i> -carbazole. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1033-1045.	2.5	52
16	Metal phthalocyanine organic thin-film transistors: changes in electrical performance and stability in response to temperature and environment. <i>RSC Advances</i> , 2019, 9, 21478-21485.	1.7	52
17	Multifunctional ternary additive in bulk heterojunction OPV: increased device performance and stability. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1581-1587.	5.2	51
18	Incorporating glycidyl methacrylate into block copolymers using poly(methacrylate- <i>ran</i> -styrene) macroinitiators synthesized by nitroxide-mediated polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2574-2588.	2.5	49

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19	Silicon phthalocyanines as dopant red emitters for efficient solution processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12688-12698.	2.7	48
20	Styrene/ <i>tert</i> -Butyl Acrylate Random Copolymers Synthesized by Nitroxide-Mediated Polymerization: Effect of Free Nitroxide on Kinetics and Copolymer Composition. <i>Macromolecules</i> , 2007, 40, 9284-9292.	2.2	46
21	Silicon phthalocyanines as N-type semiconductors in organic thin film transistors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5482-5488.	2.7	46
22	The position and frequency of fluorine atoms changes the electron donor/acceptor properties of fluorophenoxy silicon phthalocyanines within organic photovoltaic devices. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24512-24524.	5.2	42
23	P and n type copper phthalocyanines as effective semiconductors in organic thin-film transistor based DNA biosensors at elevated temperatures. <i>RSC Advances</i> , 2019, 9, 2133-2142.	1.7	42
24	Bis( <i>tri</i> -n-alkylsilyl oxide) silicon phthalocyanines: a start to establishing a structure property relationship as both ternary additives and non-fullerene electron acceptors in bulk heterojunction organic photovoltaic devices. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12168-12182.	5.2	41
25	Poly( <i>tert</i> -butyl methacrylate/styrene) Macroinitiators as Precursors for Organo- and Water-Soluble Functional Copolymers Using Nitroxide-Mediated Controlled Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 868-878.	2.2	40
26	Nitroxide mediated controlled synthesis of glycidyl methacrylate-rich copolymers enabled by SG1-based alkoxyamines bearing succinimidyl ester groups. <i>Polymer Chemistry</i> , 2011, 2, 2084.	1.9	39
27	The Rise of Silicon Phthalocyanine: From Organic Photovoltaics to Organic Thin Film Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 31321-31330.	4.0	37
28	High Molecular Weight Poly( <i>tert</i> -butyl acrylate) by Nitroxide-Mediated Polymerization: Effect of Chain Transfer to Solvent. <i>Macromolecular Reaction Engineering</i> , 2009, 3, 245-256.	0.9	36
29	Synthesis of a Perylene Diimide Dimer with Pyrrolic N-H Bonds and Functionalized Derivatives for Organic Field-Effect Transistors and Organic Solar Cells. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4592-4599.	1.2	34
30	The influence of air and temperature on the performance of PBDB-T and P3HT in organic thin film transistors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11972-11979.	2.7	34
31	Donor or Acceptor? How Selection of the Rylene Imide End Cap Impacts the Polarity of $\pi$ -Conjugated Molecules for Organic Electronics. <i>ACS Applied Energy Materials</i> , 2018, 1, 4906-4916.	2.5	34
32	Assessing the potential of group 13 and 14 metal/metalloid phthalocyanines as hole transport layers in organic light emitting diodes. <i>Journal of Applied Physics</i> , 2016, 119, 145502.	1.1	32
33	Hierarchically porous polymeric materials from ternary polymer blends. <i>Polymer</i> , 2014, 55, 3461-3467.	1.8	31
34	Ambipolarity and Air Stability of Silicon Phthalocyanine Organic Thin-Film Transistors. <i>Advanced Electronic Materials</i> , 2019, 5, 1900087.	2.6	31
35	Smart-poly(2-(dimethylamino)ethyl methacrylate)-ran-(4-vinylbenzyl)-9H-carbazole copolymers synthesized by nitroxide mediated radical polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5270-5283.	2.5	30
36	Understanding the Controlled Polymerization of Methyl Methacrylate with Low Concentrations of 9-(4-Vinylbenzyl)-9H-carbazole Comonomer by Nitroxide-Mediated Polymerization: The Pivotal Role of Reactivity Ratios. <i>Macromolecules</i> , 2013, 46, 805-813.	2.2	30

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37	Synthesis and Characterization of Benzyl Methacrylate/Styrene Random Copolymers Prepared by NMP. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 415-423.	0.9	29
38	Evaluating Thiophene Electron Donor Layers for the Rapid Assessment of Boron Subphthalocyanines as Electron Acceptors in Organic Photovoltaics: Solution or Vacuum Deposition?. <i>ChemPhysChem</i> , 2015, 16, 1245-1250.	1.0	29
39	Thin-Film Engineering of Solution-Processable n-Type Silicon Phthalocyanines for Organic Thin-Film Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 1008-1020.	4.0	29
40	Effect of an Acid Protecting Group on the "Livingness" of Poly(acrylic acid-ran-styrene) Random Copolymer Macroinitiators for Nitroxide-Mediated Polymerization of Styrene. <i>Macromolecules</i> , 2008, 41, 7881-7891.	2.2	28
41	Smart morpholine-functional statistical copolymers synthesized by nitroxide mediated polymerization. <i>Polymer</i> , 2012, 53, 5649-5656.	1.8	28
42	Polycarbazole-Sorted Semiconducting Single-Walled Carbon Nanotubes for Incorporation into Organic Thin Film Transistors. <i>Advanced Electronic Materials</i> , 2019, 5, 1800539.	2.6	28
43	Contact Engineering Using Manganese, Chromium, and Bathocuproine in Group 14 Phthalocyanine Organic Thin-Film Transistors. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1313-1322.	2.0	28
44	On-the-Spot Detection and Speciation of Cannabinoids Using Organic Thin-Film Transistors. <i>ACS Sensors</i> , 2019, 4, 2706-2715.	4.0	27
45	Bis(trialkylsilyl oxide) Silicon Phthalocyanines: Understanding the Role of Solubility in Device Performance as Ternary Additives in Organic Photovoltaics. <i>Langmuir</i> , 2020, 36, 2612-2621.	1.6	27
46	Silicon Phthalocyanines for n-Type Organic Thin-Film Transistors: Development of Structure-Property Relationships. <i>ACS Applied Electronic Materials</i> , 2021, 3, 325-336.	2.0	27
47	From chemical curiosity to versatile building blocks: unmasking the hidden potential of main-group phthalocyanines in organic field-effect transistors. <i>Materials Advances</i> , 2021, 2, 165-185.	2.6	27
48	From chloro to fluoro, expanding the role of aluminum phthalocyanine in organic photovoltaic devices. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5047-5053.	5.2	26
49	Functionalized Tetrathienoanthracene: Enhancing $\pi$ - $\pi$ Interactions Through Expansion of the $\pi$ -Conjugated Framework. <i>Crystal Growth and Design</i> , 2012, 12, 1416-1421.	1.4	25
50	Organic thin-film transistors incorporating a commercial pigment (Hostasol Red GG) as a low-cost semiconductor. <i>Dyes and Pigments</i> , 2018, 149, 449-455.	2.0	25
51	Polyfluorene-Sorted Semiconducting Single-Walled Carbon Nanotubes for Applications in Thin-Film Transistors. <i>Chemistry of Materials</i> , 2019, 31, 2863-2872.	3.2	25
52	A ring fused N-annulated PDI non-fullerene acceptor for high open circuit voltage solar cells processed from non-halogenated solvents. <i>Synthetic Metals</i> , 2019, 250, 55-62.	2.1	23
53	Air and temperature sensitivity of n-type polymer materials to meet and exceed the standard of N2200. <i>Scientific Reports</i> , 2020, 10, 4014.	1.6	23
54	Doping chloro boron subnaphthalocyanines and chloro boron subphthalocyanine in simple OLED architectures yields warm white incandescent-like emissions. <i>Optical Materials</i> , 2018, 75, 710-718.	1.7	22

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55	High Voc solution-processed organic solar cells containing silicon phthalocyanine as a non-fullerene electron acceptor. <i>Organic Electronics</i> , 2020, 87, 105976.	1.4	22
56	Boron subphthalocyanine polymers: Avoiding the small molecule side product and exploring their use in organic light-emitting diodes. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1996-2006.	2.5	21
57	Solution-Processable n-Type Tin Phthalocyanines in Organic Thin Film Transistors and as Ternary Additives in Organic Photovoltaics. <i>ACS Applied Electronic Materials</i> , 2019, 1, 494-504.	2.0	21
58	Effect of acrylic acid neutralization on "livingness"™ of poly[styrene- <i>co</i> -(acrylic acid)] macro-initiators for nitroxide-mediated polymerization of styrene. <i>Polymer International</i> , 2008, 57, 1141-1151.	1.6	20
59	Ambipolarity and Dimensionality of Charge Transport in Crystalline Group 14 Phthalocyanines: A Computational Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2554-2563.	1.5	20
60	Excess Polymer in Single-Walled Carbon Nanotube Thin-Film Transistors: Its Removal Prior to Fabrication Is Unnecessary. <i>ACS Nano</i> , 2021, 15, 8252-8266.	7.3	20
61	A Boron Subphthalocyanine Polymer: Poly(4-methylstyrene)- <i>co</i> -poly(phenoxy boron) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TTS 2.2 19	2.2	19
62	Water-soluble/dispersible carbazole-containing random and block copolymers by nitroxide-mediated radical polymerisation. <i>Canadian Journal of Chemical Engineering</i> , 2013, 91, 618-629.	0.9	19
63	Benzyl and fluorinated benzyl side chains for perylene diimide non-fullerene acceptors. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2272-2276.	3.2	19
64	Synthetically facile organic solar cells with >4% efficiency using P3HT and a silicon phthalocyanine non-fullerene acceptor. <i>Materials Advances</i> , 2021, 2, 2594-2599.	2.6	18
65	Poly(2-(N-carbazolyl)ethyl acrylate) as a host for high efficiency polymer light-emitting devices. <i>Organic Electronics</i> , 2015, 17, 377-385.	1.4	17
66	Old Molecule, New Chemistry: Exploring Silicon Phthalocyanines as Emerging N-Type Materials in Organic Electronics. <i>Materials</i> , 2019, 12, 1334.	1.3	17
67	Unipolar Polymerized Ionic Liquid Copolymers as High-Capacitance Electrolyte Gates for n-Type Transistors. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3210-3221.	2.0	16
68	A N-H functionalized perylene diimide with strong red-light absorption for green solvent processed organic electronics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9811-9815.	2.7	16
69	Highlighting the processing versatility of a silicon phthalocyanine derivative for organic thin-film transistors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 485-495.	2.7	16
70	Organic Thin Film Transistors Incorporating Solution Processable Thieno[3,2-b]thiophene Thienoacenes. <i>Materials</i> , 2018, 11, 8.	1.3	15
71	Silicon Phthalocyanines as Acceptor Candidates in Mixed Solution/Evaporation Processed Planar Heterojunction Organic Photovoltaic Devices. <i>Coatings</i> , 2019, 9, 203.	1.2	15
72	Improving Thin-Film Properties of Poly(vinyl alcohol) by the Addition of Low-Weight Percentages of Cellulose Nanocrystals. <i>Langmuir</i> , 2020, 36, 3550-3557.	1.6	15

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73	Oligothiophene-Functionalized Benzene and Tetrathienoanthracene: Effect of Enhanced $\pi$ -Conjugation on Optoelectronic Properties, Self-Assembly and Device Performance. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5854-5863.	1.2	14
74	Amphiphilic Poly(4-acryloylmorpholine)/Poly[2-( <i>N</i> -carbazolyl)ethyl acrylate] Random and Block Copolymers Synthesized by NMP. <i>Macromolecular Reaction Engineering</i> , 2012, 6, 200-212.	0.9	13
75	Reactivity Ratio Estimation in Radical Copolymerization: From Preliminary Estimates to Optimal Design of Experiments. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 7305-7312.	1.8	13
76	Controlled Synthesis and Degradation of Poly( <i>N</i> -(isobutoxymethyl) acrylamide) Homopolymers and Block Copolymers. <i>Macromolecular Reaction Engineering</i> , 2017, 11, 1600073.	0.9	13
77	Phenoxylated siloxane-based polymers via the Piers-Rubinsztajn process. <i>Polymer International</i> , 2017, 66, 1324-1328.	1.6	13
78	Nitroxide Mediated Polymerization of 1-(4-vinylbenzyl)-3-butylimidazolium Ionic Liquid Containing Homopolymers and Methyl Methacrylate Copolymers. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 5-16.	0.9	12
79	Ionic Liquid Containing Block Copolymer Dielectrics: Designing for High-Frequency Capacitance, Low-Voltage Operation, and Fast Switching Speeds. <i>Jacs Au</i> , 2021, 1, 1044-1056.	3.6	12
80	Nitroxide-mediated synthesis of styrenic-based segmented and tapered block copolymers using poly(lactide)-functionalized TEMPO macromediators. <i>Journal of Applied Polymer Science</i> , 2008, 109, 3185-3195.	1.3	11
81	Boron Subphthalocyanine Polymers by Facile Coupling to Poly(acrylic acid- <i>ran</i> -styrene) Copolymers Synthesized by Nitroxide-Mediated Polymerization and the Associated Problems with Autoinitiation. <i>Macromolecular Rapid Communications</i> , 2013, 34, 568-573.	2.0	11
82	Engineering Cannabinoid Sensors through Solution-Based Screening of Phthalocyanines. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50692-50702.	4.0	11
83	Thermodynamic Property-Performance Relationships in Silicon Phthalocyanine-Based Organic Photovoltaics. <i>ACS Applied Energy Materials</i> , 2022, 5, 3426-3435.	2.5	11
84	Boron Subphthalocyanine Coupled to Methacrylate-Rich Terpolymers by Nitroxide Mediated Polymerization: The Subphthalocyanine Dictates the Phase Transition Temperatures. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600592.	1.1	10
85	Straightforward and Relatively Safe Process for the Fluoride Exchange of Trivalent and Tetravalent Group 13 and 14 Phthalocyanines. <i>ACS Omega</i> , 2019, 4, 5317-5326.	1.6	10
86	N-Type Solution-Processed Tin versus Silicon Phthalocyanines: A Comparison of Performance in Organic Thin-Film Transistors and in Organic Photovoltaics. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1873-1885.	2.0	10
87	Thermo-responsive, UV-active poly(phenyl acrylate)- <i>b</i> -poly(diethyl acrylamide) block copolymers. <i>EXPRESS Polymer Letters</i> , 2013, 7, 1020-1029.	1.1	9
88	Applying thieno[3,2- <i>b</i> ]thiophene as a building block in the design of rigid extended thienoacenes. <i>RSC Advances</i> , 2016, 6, 97420-97429.	1.7	9
89	Developing 9,10-anthracene Derivatives: Optical, Electrochemical, Thermal, and Electrical Characterization. <i>Materials</i> , 2019, 12, 2726.	1.3	9
90	Controlled Synthesis of Poly(pentafluorostyrene- <i>ran</i> -methyl methacrylate) Copolymers by Nitroxide Mediated Polymerization and Their Use as Dielectric Layers in Organic Thin-film Transistors. <i>Polymers</i> , 2020, 12, 1231.	2.0	9

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91	An air-stable n-type bay-and-headland substituted bis-cyano Nâ€“H functionalized perylene diimide for printed electronics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13630-13634.	2.7	9
92	Cyanophenoxy-Substituted Silicon Phthalocyanines for Low Threshold Voltage n-Type Organic Thin-Film Transistors. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2212-2223.	2.0	9
93	High Performance Organic Electronic Devices Based on a Green Hybrid Dielectric. <i>Advanced Electronic Materials</i> , 2021, 7, 2100700.	2.6	9
94	Variance-resistant PTB7 and axially-substituted silicon phthalocyanines as active materials for high-Voc organic photovoltaics. <i>Scientific Reports</i> , 2021, 11, 15347.	1.6	8
95	Benchmarking contact quality in N-type organic thin film transistors through an improved virtual-source emission-diffusion model. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	8
96	Functionalized thienoacridines: synthesis, optoelectronic, and structural properties. <i>Canadian Journal of Chemistry</i> , 2014, 92, 1106-1110.	0.6	7
97	Orthogonally Processable Carbazole-Based Polymer Thin Films by Nitroxide-Mediated Polymerization. <i>Langmuir</i> , 2016, 32, 13640-13648.	1.6	7
98	Crystal structures of bis(phenoxy)silicon phthalocyanines: increasing Ĩĉĉ“Ĩ interactions, solubility and disorder and no halogen bonding observed. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 988-994.	0.2	7
99	1,2,3-Triazole based poly(ionic liquids) as solid dielectric materials. <i>Polymer</i> , 2021, 212, 123144.	1.8	7
100	Boron Nitride Nanotube Coatings for Thermal Management of Printed Silver Inks on Temperature Sensitive Substrates. <i>Advanced Electronic Materials</i> , 2021, 7, 2001035.	2.6	7
101	Poly(ethylene-co-butylene)-b-(styrene-ran-maleic anhydride) <sub>2</sub> Compatibilizers via Nitroxide Mediated Radical Polymerization. <i>International Polymer Processing</i> , 2011, 26, 197-204.	0.3	6
102	Attaining air stability in high performing n-type phthalocyanine based organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10119-10126.	2.7	6
103	Enthalpy of the Complexation in Electrolyte Solutions of Polycations and Polyzwitterions of Different Structures and Topologies. <i>Macromolecules</i> , 2021, 54, 6678-6690.	2.2	6
104	Changes in Optimal Ternary Additive Loading when Processing Large Area Organic Photovoltaics by Spinâ€“versus Bladeâ€“Coating Methods. <i>Solar Rrl</i> , 2021, 5, 2100432.	3.1	6
105	Chapter 11. Novel Materials: From Nanoporous Materials to Micro-Electronics. <i>RSC Polymer Chemistry Series</i> , 2015, , 441-493.	0.1	6
106	Organic Thinâ€“Film Transistors as Cannabinoid Sensors: Effect of Analytes on Phthalocyanine Film Crystallization. <i>Advanced Functional Materials</i> , 2022, 32, 2107138.	7.8	6
107	Improving Latexâ€“Based Pressureâ€“Sensitive Adhesive Properties Using Carboxylated Cellulose Nanocrystals. <i>Macromolecular Reaction Engineering</i> , 2022, 16, .	0.9	6
108	Incorporating primary amine pendant groups into copolymers via nitroxide mediated polymerization. <i>Reactive and Functional Polymers</i> , 2011, 71, 1137-1147.	2.0	5



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109	Copolymerization of 2,3,4,5,6-pentafluorostyrene and Methacrylic Acid by Nitroxide-Mediated Polymerization: The Importance of Reactivity Ratios. <i>Macromolecular Reaction Engineering</i> , 2016, 10, 600-610.	0.9	5
110	Organic Thin Film Transistors: Polycarbazole-Sorted Semiconducting Single-Walled Carbon Nanotubes for Incorporation into Organic Thin Film Transistors ( <i>Adv. Electron. Mater.</i> 1/2019). <i>Advanced Electronic Materials</i> , 2019, 5, 1970002.	2.6	5
111	The Effect of TCNE and TCNQ Acceptor Units on Triphenylamine-Naphthalenediimide Push-Pull Chromophore Properties. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2615-2624.	1.2	5
112	Controlled and selective placement of boron subphthalocyanines on either chain end of polymers synthesized by nitroxide mediated polymerization. <i>AIMS Molecular Science</i> , 2015, 2, 411-426.	0.3	5
113	Layer-by-Layer Organic Photovoltaic Solar Cells Using a Solution-Processed Silicon Phthalocyanine Non-Fullerene Acceptor. <i>ACS Omega</i> , 2022, 7, 7541-7549.	1.6	5
114	Thiophene decorated block copolymers templated from poly(styrene-alt-maleic) morphology. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	4
115	Functionalization of commercial pigment Hostasol Red GG for incorporation into organic thin-film transistors. <i>New Journal of Chemistry</i> , 2020, 44, 845-851.	1.4	4
116	Conjoint use of Naphthalene Diimide and Fullerene Derivatives to Generate Organic Semiconductors for n-type Organic Thin Film Transistors. <i>ChemistryOpen</i> , 2021, 10, 414-420.	0.9	4
117	Poly(ethylene glycol)-Based Poly(ionic liquid) Block Copolymers through 1,2,3-Triazole Click Reactions. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1559-1564.	2.0	4
118	Correlating Morphology, Molecular Orientation, and Transistor Performance of Bis(pentafluorophenoxy)silicon Phthalocyanine Using Scanning Transmission X-ray Microscopy. <i>Chemistry of Materials</i> , 2022, 34, 4496-4504.	3.2	4
119	Optimization of 4-vinylpyridine nitroxide mediated controlled radical polymerization: Effect of initiator protection and complexation with C60. <i>E-Polymers</i> , 2012, 12, .	1.3	3
120	Developing and Comparing 2,6-Anthracene Derivatives: Optical, Electrochemical, Thermal, and Their Use in Organic Thin Film Transistors. <i>Materials</i> , 2020, 13, 1961.	1.3	3
121	Use of Piers-Rubinsztajn Chemistry to Access Unique and Challenging Silicon Phthalocyanines. <i>ACS Omega</i> , 2021, 6, 26857-26869.	1.6	3
122	Self-Consistent Extraction of Mobility and Series Resistance: A Hierarchy of Models for Benchmarking Organic Thin-Film Transistors. , 2022, 1, 114-121.		3
123	Engineering Silver Microgrids with a Boron Nitride Nanotube Interlayer for Highly Conductive and Flexible Transparent Heaters. <i>Advanced Materials Technologies</i> , 0, , 2200037.	3.0	3
124	Poly(styrene-alt-maleic anhydride)-block-poly(methacrylate-ran-styrene) block copolymers with tunable mechanical properties by nitroxide mediated controlled radical polymerization. <i>Macromolecular Research</i> , 2016, 24, 710-715.	1.0	2
125	Organic TFTs: Ambipolarity and Air Stability of Silicon Phthalocyanine Organic Thin-Film Transistors ( <i>Adv. Electron. Mater.</i> 8/2019). <i>Advanced Electronic Materials</i> , 2019, 5, 1970041.	2.6	2
126	N-Annulated perylene diimide dimers and tetramer non-fullerene acceptors: impact of solvent processing additive on their thin film formation behavior. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	1.6	2



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127	Design of ternary additive for organic photovoltaics: a cautionary tale. RSC Advances, 2022, 12, 10029-10036.	1.7	2
128	The Need to Pair Molecular Monitoring Devices with Molecular Imaging to Personalize Health. Molecular Imaging and Biology, 2022, , 1.	1.3	2
129	Exploring ellagic acid as a building block in the design of organic semiconductors. Dyes and Pigments, 2022, 199, 109998.	2.0	1
130	Organic Thin-Film Transistors as Cannabinoid Sensors: Effect of Analytes on Phthalocyanine Film Crystallization (Adv. Funct. Mater. 7/2022). Advanced Functional Materials, 2022, 32, .	7.8	1
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