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List of Publications by Year
in descending order

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42 papers	2,202 citations	257450 24 h-index	265206 42 g-index
42 all docs	42 docs citations	42 times ranked	3066 citing authors

#	Article	IF	Citations
1	Multi length scale porosity as a playground for organic thermoelectric applications. Journal of Materials Chemistry C, 2021, 9, 10173-10192.	5.5	8
2	High thermal conductivity states and enhanced figure of merit in aligned polymer thermoelectric materials. Journal of Materials Chemistry A, 2021, 9, 16065-16075.	10.3	17
3	High Thermoelectric Power Factor of Poly(3-hexylthiophene) through In-Plane Alignment and Doping with a Molybdenum Dithiolene Complex. Macromolecules, 2020, 53, 6314-6321.	4.8	39
4	Control of Chain Alignment and Crystallization Helps Enhance Charge Conductivities and Thermoelectric Power Factors in Sequentially Doped P3HT:F₄TCNQ Films. Macromolecules, 2020, 53, 2441-2453.	4.8	78
5	Impact of Competing Crystallization Processes on the Structure of All-Conjugated Donorâ€“Acceptor Block Copolymers P3HT-b-PNDIT2 in Highly Oriented Thin Films. ACS Applied Polymer Materials, 2019, 1, 1660-1671.	4.4	14
6	Bringing Conducting Polymers to High Order: Toward Conductivities beyond 10⁵ S cm^{â^'1} and Thermoelectric Power Factors of 2 mW m^{â^'1} K^{â^'2}. Advanced Energy Materials, 2019, 9, 1900266.	19.5	148
7	From Isotropic to Anisotropic Conductivities in P(NDI2OD-T₂) by (Electro-)Chemical Doping Strategies. Chemistry of Materials, 2019, 31, 3542-3555.	6.7	26
8	Original polymorphism in a naphthalene bisimide Ï€-conjugated organogelator: a complex interplay between hydrogen bonding and heterocycle Ï€-stacking. Journal of Materials Chemistry C, 2019, 7, 13120-13129.	5.5	9
9	Effect of Alkyl Side Chain Length on Doping Kinetics, Thermopower, and Charge Transport Properties in Highly Oriented F₄TCNQ-Doped PBTTT Films. ACS Applied Materials & Interfaces, 2019, 11, 4942-4953.	8.0	73
10	Structure and Charge Transport Anisotropy of Polythieno[3,4â€b]â€Thiopheneâ€coâ€Benzodithiophene (PTB7) Oriented by Highâ€Temperature Rubbing. Advanced Electronic Materials, 2018, 4, 1700480.	5.1	15
11	Segregated versus Disordered Stacking in Two Low Bandgap Alternated Copolymers for Photovoltaic Applications: Impact of Polymorphism on Optical Properties. Macromolecules, 2018, 51, 4238-4249.	4.8	19
12	Tuning crystallochromism in diketopyrrolopyrrole-co-thieno[3,2-b]thiophene derivatives by the architecture of their alkyl side chains. Journal of Materials Chemistry C, 2018, 6, 9140-9151.	5.5	13
13	A Versatile Method to Fabricate Highly Inâ€Plane Aligned Conducting Polymer Films with Anisotropic Charge Transport and Thermoelectric Properties: The Key Role of Alkyl Side Chain Layers on the Doping Mechanism. Advanced Functional Materials, 2017, 27, 1700173.	14.9	153
14	Insulated Molecular Wires: Sheathing Semiconducting Polymers with Organic Nanotubes through Heterogeneous Nucleation. Advanced Electronic Materials, 2017, 3, 1600370.	5.1	5
15	Supramolecular organization of a H-bonded perylene bisimide organogelator determined by transmission electron microscopy, grazing incidence X-ray diffraction and polarized infra-red spectroscopy. Physical Chemistry Chemical Physics, 2017, 19, 32514-32525.	2.8	4
16	High-resolution noncontact AFM and Kelvin probe force microscopy investigations of self-assembled photovoltaic donorâ€“acceptor dyads. Beilstein Journal of Nanotechnology, 2016, 7, 799-808.	2.8	8
17	Organic Photovoltaics: More than Ever, an Interdisciplinary Field. Polymers, 2016, 8, 70.	4.5	2
18	Precise Control of Lamellar Thickness in Highly Oriented Regioregular Poly(3â€Hexylthiophene) Thin Films Prepared by Highâ€Temperature Rubbing: Correlations with Optical Properties and Charge Transport. Advanced Functional Materials, 2016, 26, 408-420.	14.9	74

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19	Highly Oriented and Crystalline Films of a Phenyl-Substituted Polythiophene Prepared by Epitaxy: Structural Model and Influence of Molecular Weight. Macromolecules, 2016, 49, 3452-3462.	4.8	37
20	Tailoring the microstructure and charge transport in conjugated polymers by alkyl side-chain engineering. Journal of Materials Chemistry C, 2016, 4, 286-294.	5.5	19
21	Zipper-like molecular packing of donorâ€“acceptor conjugated co-oligomers based on perylenediimide. Journal of Materials Chemistry C, 2015, 3, 3342-3349.	5.5	18
22	Reversible J- to H-aggregate transformation in thin films of a perylenebisimide organogelator. Journal of Materials Chemistry C, 2015, 3, 1235-1242.	5.5	64
23	Orienting Semiâ€Conducting Ï€â€Conjugated Polymers. Macromolecular Rapid Communications, 2014, 35, 9-26.	3.9	111
24	Benzotrithiophene Copolymers: Influence of Molecular Packing and Energy Levels on Charge Carrier Mobility. Macromolecules, 2014, 47, 2883-2890.	4.8	26
25	Perylenediimide-Based Donorâ€“Acceptor Dyads and Triads: Impact of Molecular Architecture on Self-Assembling Properties. Journal of the American Chemical Society, 2014, 136, 5981-5992.	13.7	54
26	Synthesis of [1]benzothieno[3,2-b][1]benzothiophene pendant and norbornene random co-polymers via ring opening metathesis. Journal of Materials Chemistry C, 2014, 2, 538-541.	5.5	11
27	Polaron stability in semiconducting polymer neat films. Chemical Communications, 2014, 50, 14425-14428.	4.1	14
28	High-Temperature Rubbing: A Versatile Method to Align Ï€-Conjugated Polymers without Alignment Substrate. Macromolecules, 2014, 47, 3871-3879.	4.8	95
29	New Fused Bis-Thienobenzothienothiophene Copolymers and Their Use in Organic Solar Cells and Transistors. Macromolecules, 2013, 46, 727-735.	4.8	43
30	BPTs: thiophene-flanked benzodipyrrolidone conjugated polymers for ambipolar organic transistors. Chemical Communications, 2013, 49, 4465.	4.1	63
31	Dihydropyrroloindoledione-based copolymers for organic electronics. Journal of Materials Chemistry C, 2013, 1, 2711.	5.5	19
32	Large Scale Alignment and Charge Transport Anisotropy of pBTTT Films Oriented by High Temperature Rubbing. Macromolecules, 2013, 46, 4014-4023.	4.8	135
33	Synthesis of two dihydropyrroloindoledioneâ€based copolymers for organic electronics. Journal of Polymer Science Part A, 2013, 51, 1285-1291.	2.3	24
34	Synthesis of novel thieno[3,2-b]thienobis(silolothiophene) based low bandgap polymers for organic photovoltaics. Chemical Communications, 2012, 48, 7699.	4.1	63
35	3,6â€Dialkylthieno[3,2â€b]thiophene moiety as a soluble and electron donating unit preserving the coplanarity of photovoltaic low band gap copolymers. Journal of Polymer Science Part A, 2012, 50, 1861-1868.	2.3	39
36	Recent advances in high mobility donorâ€“acceptor semiconducting polymers. Journal of Materials Chemistry, 2012, 22, 14803.	6.7	138

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37	Design of Semiconducting Indacenodithiophene Polymers for High Performance Transistors and Solar Cells. Accounts of Chemical Research, 2012, 45, 714-722.	15.6	256
38	Optimization of the side-chain density to improve the charge transport and photovoltaic performances of a low band gap copolymer. Organic Electronics, 2012, 13, 114-120.	2.6	32
39	Thiadiazole fused indolo[2,3-a]carbazoles as new building blocks for optoelectronic applications. Tetrahedron Letters, 2011, 52, 1811-1814.	1.4	18
40	Electronic Properties and Photovoltaic Performances of a Series of Oligothiophene Copolymers Incorporating Both Thieno[3,2â€b]thiophene and 2,1,3â€Benzothiadiazole Moieties. Macromolecular Rapid Communications, 2010, 31, 651-656.	3.9	35
41	Impact of the Alkyl Side Chains on the Optoelectronic Properties of a Series of Photovoltaic Low-Band-Gap Copolymers. Macromolecules, 2010, 43, 9779-9786.	4.8	122
42	A [3,2-b]thienothiophene-alt-benzothiadiazole copolymer for photovoltaic applications: design, synthesis, material characterization and device performances. Journal of Materials Chemistry, 2009, 19, 4946.	6.7	61