Ping-Hsun Chu

List of Publications by Year
in descending order

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16 papers	949 citations	686830 13 h-index	996533 15 g-index
16 all docs	16 docs citations	16 times ranked	1624 citing authors

#	Article	IF	Citations
1	Nucleation, Growth, and Alignment of Poly(3-hexylthiophene) Nanofibers for High-Performance OFETs. Accounts of Chemical Research, 2017, 50, 932-942.	7.6	121
2	Polypeptide-Assisted Organization of Ï€-Conjugated Polymers into Responsive, Soft 3D Networks. Chemistry of Materials, 2017, 29, 5058-5062.	3.2	4
3	High-Throughput Image Analysis of Fibrillar Materials: A Case Study on Polymer Nanofiber Packing, Alignment, and Defects in Organic Field Effect Transistors. ACS Applied Materials & Interfaces, 2017, 9, 36090-36102.	4.0	31
4	Versatile Interpenetrating Polymer Network Approach to Robust Stretchable Electronic Devices. Chemistry of Materials, 2017, 29, 7645-7652.	3.2	101
5	Polypeptide Composite Particle-Assisted Organization of Ï€-Conjugated Polymers into Highly Crystalline â€œCoffee Stainsâ€• ACS Applied Materials & Interfaces, 2017, 9, 34337-34348.	4.0	10
6	Flexible Ofets: Synergistic Effect of Regioregular and Regiorandom Poly(3â€•hexylthiophene) Blends for High Performance Flexible Organic Field Effect Transistors (Adv. Electron. Mater. 2/2016). Advanced Electronic Materials, 2016, 2, .	2.6	1
7	Conjugated Polymer Alignment: Synergisms Derived from Microfluidic Shear Design and UV Irradiation. ACS Applied Materials & Interfaces, 2016, 8, 24761-24772.	4.0	26
8	Toward Precision Control of Nanofiber Orientation in Conjugated Polymer Thin Films: Impact on Charge Transport. Chemistry of Materials, 2016, 28, 9099-9109.	3.2	75
9	Synergistic Effect of Regioregular and Regiorandom Poly(3â€•hexylthiophene) Blends for High Performance Flexible Organic Field Effect Transistors. Advanced Electronic Materials, 2016, 2, 1500384.	2.6	54
10	Elastomerâ€“Polymer Semiconductor Blends for High-Performance Stretchable Charge Transport Networks. Chemistry of Materials, 2016, 28, 1196-1204.	3.2	129
11	Best Practices for Reporting Organic Field Effect Transistor Device Performance. Chemistry of Materials, 2015, 27, 4167-4168.	3.2	39
12	Microfluidic Crystal Engineering of Ï€-Conjugated Polymers. ACS Nano, 2015, 9, 8220-8230.	7.3	102
13	Enhanced Mobility and Effective Control of Threshold Voltage in P3HT-Based Field-Effect Transistors via Inclusion of Oligothiophenes. ACS Applied Materials & Interfaces, 2015, 7, 6652-6660.	4.0	23
14	Molecular Engineering of Nonhalogenated Solution-Processable Bithiazole-Based Electron-Transport Polymeric Semiconductors. Chemistry of Materials, 2015, 27, 2928-2937.	3.2	79
15	Anisotropic Assembly of Conjugated Polymer Nanocrystallites for Enhanced Charge Transport. ACS Applied Materials & Interfaces, 2014, 6, 21541-21549.	4.0	42
16	Enhancing Fieldâ€•Effect Mobility of Conjugated Polymers Through Rational Design of Branched Side Chains. Advanced Functional Materials, 2014, 24, 3734-3744.	7.8	112