Maxim Shkunov

List of Publications by Year
in descending order

17 papers	3,297 citations	840776 11 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	3681 citing authors

#	Article	IF	Citations
1	Liquid-crystalline semiconducting polymers with high charge-carrier mobility. Nature Materials, 2006, 5, 328-333.	27.5	2,001
2	Semiconducting Thienothiophene Copolymers: Design, Synthesis, Morphology, and Performance in Thinâ€Film Organic Transistors. Advanced Materials, 2009, 21, 1091-1109.	21.0	412
3	Stable Polythiophene Semiconductors Incorporating Thieno[2,3-b]thiophene. Journal of the American Chemical Society, 2005, 127, 1078-1079.	13.7	343
4	Influence of Molecular Design on the Field-Effect Transistor Characteristics of Terthiophene Polymers. Chemistry of Materials, 2005, 17, 1381-1385.	6.7	116
5	Polymerisable liquid crystalline organic semiconductors and their fabrication in organic field effect transistors. Journal of Materials Chemistry, 2003, 13, 2436.	6.7	99
6	Alkylidene Fluorene Liquid Crystalline Semiconducting Polymers for Organic Field Effect Transistor Devices. Macromolecules, 2004, 37, 5250-5256.	4.8	80
7	Solidâ€State Supramolecular Organization of Polythiophene Chains Containing Thienothiophene Units. Advanced Materials, 2009, 21, 1193-1198.	21.0	76
8	Electronic Structure and Charge-Transport Properties of Polythiophene Chains Containing Thienothiophene Units: A Joint Experimental and Theoretical Study. Chemistry of Materials, 2007, 19, 4949-4956.	6.7	63
9	Photopolymerization of Reactive Mesogens. Macromolecular Chemistry and Physics, 2005, 206, 2153-2159.	2.2	35
10	Electrical Properties of Reactive Liquid Crystal Semiconductors. Japanese Journal of Applied Physics, 2008, 47, 488-491.	1.5	20
11	Organic field-effect transistors of poly(2,5-bis(3-dodecylthiophen-2-yl)thieno[2,3-b]thiophene) deposited on five different silane self-assembled monolayers. Chemical Communications, 2008, , 871-873.	4.1	18
12	Designing solution-processable air-stable liquid crystalline crosslinkable semiconductors. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2006, 364, 2779-2787.	3.4	11
13	The influence of molecular weight on the microstructure and thin film transistor characteristics of pBTTT polymers.. , 2006, , .		9
14	Solution processable semiconducting organic single crystals. Polymer Science - Series C, 2014, 56, 20-31.	1.7	7
15	Spectroscopic and morphological investigation of conjugated photopolymerisable quinquethiophene liquid crystals. Current Applied Physics, 2012, 12, e59-e66.	2.4	4
16	Stable semiconducting thiophene polymers and their field effect transistor characteristics. , 2005, , .		2
17	Polymerizable Liquid Crystal Networks for Semiconductor Applications. Liquid Crystals Book Series, 2011, , 287-318.	0.0	1