

Lijia Yan

List of Publications by Year in descending order

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23
papers

938
citations

567281

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642732

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docs citations

23
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1544
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerating the Screening of Perovskite Compositions for Photovoltaic Applications through High-Throughput Inkjet Printing. <i>Advanced Functional Materials</i> , 2019, 29, 1905487.	14.9	37
2	Investigating the single crystal OFET and photo-responsive characteristics based on an anthracene linked benzo[b]benzo[4,5]thieno[2,3-d]thiophene semiconductor. <i>Organic Electronics</i> , 2019, 72, 1-5.	2.6	22
3	Polysiloxane-poly(vinyl alcohol) composite dielectrics for high-efficiency low voltage organic thin film transistors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4879-4886.	5.5	13
4	Anthracene-based semiconductors for organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7416-7444.	5.5	129
5	Self-supported hysteresis-free flexible organic thermal transistor based on commercial graphite paper. <i>Applied Physics Letters</i> , 2018, 112, 253301.	3.3	9
6	A thermally stable anthracene derivative for application in organic thin film transistors. <i>Organic Electronics</i> , 2017, 43, 105-111.	2.6	34
7	Highly responsive phototransistors based on 2,6-bis(4-methoxyphenyl)anthracene single crystal. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5304-5309.	5.5	34
8	An unusual photoconductive property of polyiodide and enhancement by catenating with 3-thiophenemethylamine salt. <i>Chemical Communications</i> , 2017, 53, 432-435.	4.1	11
9	A Wide Band Gap Naphthalene Semiconductor for Thin-Film Transistors. <i>Advanced Electronic Materials</i> , 2017, 3, 1600556.	5.1	15
10	In-plane isotropic charge transport characteristics of single-crystal FETs with high mobility based on 2,6-bis(4-methoxyphenyl)anthracene: experimental cum theoretical assessment. <i>Journal of Materials Chemistry C</i> , 2017, 5, 370-375.	5.5	18
11	A Unique Blend of 2-Fluorenyl-anthracene and 2-Anthryl-anthracene Showing White Emission and High Charge Mobility. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 722-727.	13.8	94
12	A Unique Blend of 2-Fluorenyl-anthracene and 2-Anthryl-anthracene Showing White Emission and High Charge Mobility. <i>Angewandte Chemie</i> , 2017, 129, 740-745.	2.0	70
13	2D and 3D Crystal Formation of 2,6-Bis[4-ethylphenyl]anthracene with Isotropic High Charge Carrier Mobility. <i>Advanced Electronic Materials</i> , 2017, 3, 1700282.	5.1	13
14	Polar-Electrode-Bridged Electroluminescent Displays: 2D Sensors Remotely Communicating Optically. <i>Advanced Materials</i> , 2017, 29, 1703552.	21.0	49
15	Effects of heteroatom substitution in spiro-bifluorene hole transport materials. <i>Chemical Science</i> , 2016, 7, 5007-5012.	7.4	86
16	Liquid Crystals: High Performance OTFTs Fabricated Using a Calamitic Liquid Crystalline Material of 2-(4-Dodecyl phenyl)[1]benzothieno[3,2-b][1]benzothiophene (Adv. Electron. Mater. 9/2016). <i>Advanced Electronic Materials</i> , 2016, 2, .	5.1	2
17	Metal/Organic Interfaces: Efficient Charge Injection in Organic Field-Effect Transistors Enabled by Low-Temperature Atomic Layer Deposition of Ultrathin VO _x Interlayer (Adv. Funct. Mater.) Tj ETQq11h0.784314 rgBT /O	14.0	14
18	High Performance OTFTs Fabricated Using a Calamitic Liquid Crystalline Material of 2-(4-Dodecyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.1	44

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19	Efficient Charge Injection in Organic Field-Effect Transistors Enabled by Low-Temperature Atomic Layer Deposition of Ultrathin VO _x Interlayer. <i>Advanced Functional Materials</i> , 2016, 26, 4456-4463.	14.9	35
20	Unlocking the potential of diketopyrrolopyrrole-based solar cells by a pre-solvent annealing method in all-solution processing. <i>RSC Advances</i> , 2016, 6, 53587-53595.	3.6	14
21	A Redox-Dependent Electrochromic Material: Tetra-EDOT Substituted Thieno[3,2- <i>b</i>]thiophene. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1344-1351.	3.9	19
22	Influence of heteroatoms on the charge mobility of anthracene derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3517-3522.	5.5	34
23	Side-chain engineering of green color electrochromic polymer materials: toward adaptive camouflage application. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2269-2273.	5.5	155