Huaping Li

List of Publications by Year
in descending order

27 papers	1,630 citations	759233 12 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	2354 citing authors

#	Article	IF	Citations
1	Performance Improvement of Gate-Tunable Organic Light-Emitting Diodes with Electron-Transport and Hole-Blocking Layers. ACS Applied Electronic Materials, 2020, 2, 885-890.	4.3	1
2	Communicationâ€"High Fidelity All-Carbon Based Carbon Nanotube Thin Film Transistors. ECS Journal of Solid State Science and Technology, 2020, 9, 041010.	1.8	3
3	Gate Tunable Organic Light Emitting Diodes: Principles and Prospects. Chemical Record, 2019, 19, 1471-1482.	5.8	1
4	Selective Protonation of Unbounded Sodium Cholates for Reversible Blue-Shift Absorption Spectra of Single-Chirality Single-Walled Carbon Nanotube in Solution. Journal of Physical Chemistry C, 2019, 123, 2565-2572.	3.1	5
5	Electrolyte-gated light-emitting transistors: working principle and applications. Materials Chemistry Frontiers, 2018, 2, 253-263.	5.9	12
6	Release of Retained Single-Walled Carbon Nanotubes in Gels. Langmuir, 2018, 34, 12224-12232.	3.5	8
7	Sodium dodecyl benzene sulfonate for single-walled carbon nanotubes separation in gel chromatography. Diamond and Related Materials, 2018, 88, 189-192.	3.9	5
8	Electrolyte-Gated Vertical Organic Transistor and Circuit. Journal of Physical Chemistry C, 2018, 122, 14615-14620.	3.1	10
9	Study of White Electroluminescence from a Single-Component Polymer Using an Electrolyte-Gated Diode. Journal of Physical Chemistry C, 2017, 121, 10112-10118.	3.1	11
10	Gate-Tunable Electron Injection Based Organic Light-Emitting Diodes for Low-Cost and Low-Voltage Active Matrix Displays. ACS Applied Materials & Interfaces, 2017, 9, 16750-16755.	8.0	18
11	Electrolyte-Gated Red, Green, and Blue Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2017, 9, 12647-12653.	8.0	12
12	Composite electrode with gate-tunable work function for optoelectronic devices. Journal of Applied Physics, 2017, 122, .	2.5	2
13	Electrochemical Oxidations ofp-Doped Semiconducting Single-Walled Carbon Nanotubes. Journal of Nanotechnology, 2016, 2016, 1-8.	3.4	1
14	Electronically Pure Single-Chirality Semiconducting Single-Walled Carbon Nanotube for Large-Scale Electronic Devices. ACS Applied Materials & Interfaces, 2016, 8, 20527-20533.	8.0	14
15	The Effect of Interface States on Single-Walled Carbon Nanotube Transistors. ECS Journal of Solid State Science and Technology, 2016, 5, M93-M98.	1.8	5
16	Polyfluorinated Electrolyte for Fully Printed Carbon Nanotube Electronics. Advanced Functional Materials, 2016, 26, 6914-6920.	14.9	44
17	Electrolyte Gated Polymer Lightâ€Emitting Transistor. Advanced Materials Technologies, 2016, 1, 1600103.	5.8	23
18	Visualizing Helical Wrapping of Semiconducting Singleâ€Walled Carbon Nanotubes by Surfactants and Their Impacts on Electronic Properties. ChemistrySelect, 2016, 1, 3569-3572.	1.5	4

#	Article	IF	Citations
19	Effects of Ambient Air and Temperature on Ionic Gel Gated Single-Walled Carbon Nanotube Thin-Film Transistor and Circuits. ACS Applied Materials & Interfaces, 2015, 7, 22881-22887.	8.0	26
20	Molecular Design, Device Function and Surface Potential of Zwitterionic Electron Injection Layers. Journal of the American Chemical Society, 2009, 131, 8903-8912.	13.7	42
21	Alternatively Modified Bingel Reaction for Efficient Syntheses of C60Hexakis- Adducts. Organic Letters, 2006, 8, 5641-5643.	4.6	59
22	Simple Modification in Hexakis-Addition for Efficient Synthesis of C60-Centered Dendritic Molecules Bearing Multiple Aromatic Chromophores. Organic Letters, 2005, 7, 859-861.	4.6	42
23	Derivatized Fullerenes Bearing Multiple Electron Donors:â€‰ Synthesis and Charge Transfer Properties. Journal of Physical Chemistry B, 2005, 109, 11886-11892.	2.6	2
24	Selective Interactions of Porphyrins with Semiconducting Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2004, 126, 1014-1015.	13.7	426
25	Advances toward bioapplications of carbon nanotubes. Journal of Materials Chemistry, 2004, 14, 527.	6.7	827
26	The complexation of flavone derivatives with alkali and alkaline earth metal cations studied by spectroscopic methods. New Journal of Chemistry, 2000, 24, 105-108.	2.8	25
27	Fluorescence chemosensors with pyrene and their interaction with nucleotide phosphate. Science in China Series B: Chemistry, 1999, 42, 236-244.	0.8	2