

Wai-Yip Lo

List of Publications by Year in descending order

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14
papers

1,094
citations

759233

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1058476

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docs citations

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times ranked

1683
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Control of Charge Carrier and Seebeck Coefficient in Hybrid Two-Dimensional Nanoparticle Superlattices. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17-24.	3.1	7
2	An Electromechanical Approach to Understanding Binding Configurations in Single-Molecule Devices. <i>Nano Letters</i> , 2018, 18, 6638-6644.	9.1	26
3	A Single-Molecular AND Gate Operated with Two Orthogonal Switching Mechanisms. <i>Advanced Materials</i> , 2017, 29, 1701248.	21.0	41
4	Molecular Rectification Tuned by Through-Space Gating Effect. <i>Nano Letters</i> , 2017, 17, 308-312.	9.1	56
5	Two Photon Absorption Study of Low-Bandgap, Fully Conjugated Perylene Diimide-Thienoacene-Perylene Diimide Ladder-Type Molecules. <i>Chemistry of Materials</i> , 2017, 29, 6726-6732.	6.7	55
6	Photocatalysts Based on Cobalt-Chelating Conjugated Polymers for Hydrogen Evolution from Water. <i>Chemistry of Materials</i> , 2016, 28, 5394-5399.	6.7	81
7	Controlled Self-Assembly of Cyclophane Amphiphiles: From 1D Nanofibers to Ultrathin 2D Topological Structures. <i>Macromolecules</i> , 2016, 49, 5172-5178.	4.8	11
8	Exceptional Single-Molecule Transport Properties of Ladder-Type Heteroacene Molecular Wires. <i>Journal of the American Chemical Society</i> , 2016, 138, 10630-10635.	13.7	76
9	Beyond Molecular Wires: Design Molecular Electronic Functions Based on Dipolar Effect. <i>Accounts of Chemical Research</i> , 2016, 49, 1852-1863.	15.6	60
10	Donor-Acceptor Porous Conjugated Polymers for Photocatalytic Hydrogen Production: The Importance of Acceptor Comonomer. <i>Macromolecules</i> , 2016, 49, 6903-6909.	4.8	129
11	Rational Design of Porous Conjugated Polymers and Roles of Residual Palladium for Photocatalytic Hydrogen Production. <i>Journal of the American Chemical Society</i> , 2016, 138, 7681-7686.	13.7	364
12	Proton-triggered switch based on a molecular transistor with edge-on gate. <i>Chemical Science</i> , 2016, 7, 3137-3141.	7.4	45
13	Edge-on Gating Effect in Molecular Wires. <i>Nano Letters</i> , 2015, 15, 958-962.	9.1	43
14	Synthesis and Search for Design Principles of New Electron Accepting Polymers for All-Polymer Solar Cells. <i>Chemistry of Materials</i> , 2014, 26, 3450-3459.	6.7	100