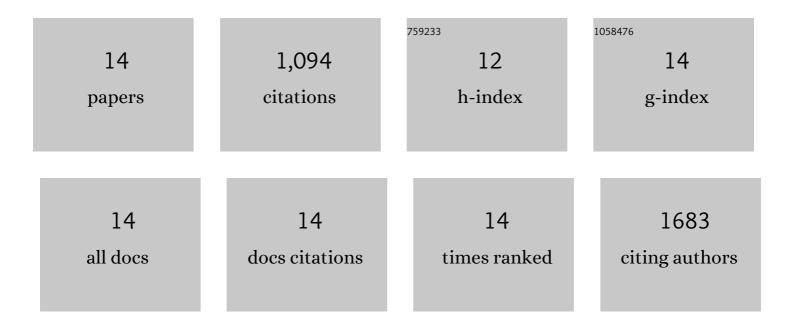
Wai-Yip Lo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4871377/publications.pdf Version: 2024-02-01



WAL-YIDLO

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