

# Wai-Yip Lo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4871377/publications.pdf>

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14  
papers

1,094  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1683  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Donor–Acceptor Porous Conjugated Polymers for Photocatalytic Hydrogen Production: The Importance of Acceptor Comonomer. <i>Macromolecules</i> , 2016, 49, 6903-6909.	4.8	129
3	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
4	Photocatalysts Based on Cobalt-Chelating Conjugated Polymers for Hydrogen Evolution from Water. <i>Chemistry of Materials</i> , 2016, 28, 5394-5399.	6.7	81
5	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
6	Beyond Molecular Wires: Design Molecular Electronic Functions Based on Dipolar Effect. <i>Accounts of Chemical Research</i> , 2016, 49, 1852-1863.	15.6	60
7	Molecular Rectification Tuned by Through-Space Gating Effect. <i>Nano Letters</i> , 2017, 17, 308-312.	9.1	56
8	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
9	Proton-triggered switch based on a molecular transistor with edge-on gate. <i>Chemical Science</i> , 2016, 7, 3137-3141.	7.4	45
10	Edge-on Gating Effect in Molecular Wires. <i>Nano Letters</i> , 2015, 15, 958-962.	9.1	43
11	A Single-Molecular AND Gate Operated with Two Orthogonal Switching Mechanisms. <i>Advanced Materials</i> , 2017, 29, 1701248.	21.0	41
12	An Electromechanical Approach to Understanding Binding Configurations in Single-Molecule Devices. <i>Nano Letters</i> , 2018, 18, 6638-6644.	9.1	26
13	Controlled Self-Assembly of Cyclophane Amphiphiles: From 1D Nanofibers to Ultrathin 2D Topological Structures. <i>Macromolecules</i> , 2016, 49, 5172-5178.	4.8	11
14	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