

# Iong Ying Loh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8713980/publications.pdf>

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11  
papers

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citations

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#	ARTICLE	IF	CITATIONS
1	A high-fidelity light-powered nanomotor from a chemically fueled counterpart <i>via</i> site-specific optomechanical fuel control. <i>Nanoscale</i> , 2022, 14, 5899-5914.	5.6	4
2	Single-molecule mechanical study of an autonomous artificial translational molecular motor beyond bridge-burning design. <i>Nanoscale</i> , 2021, 13, 13195-13207.	5.6	12
3	Track-walking molecular motors: a new generation beyond bridge-burning designs. <i>Nanoscale</i> , 2019, 11, 9240-9263.	5.6	26
4	Inchworm bipedal nanowalker. <i>Nanoscale</i> , 2018, 10, 9199-9211.	5.6	20
5	Mechanosensing Potentials Gate Fuel Consumption in a Bipedal DNA Nanowalker. <i>Physical Review Applied</i> , 2018, 9, .	3.8	9
6	Mechanical-Kinetic Modeling of a Molecular Walker from a Modular Design Principle. <i>Physical Review Applied</i> , 2017, 7, .	3.8	15
7	A DNA bipedal nanowalker with a piston-like expulsion stroke. <i>Nanoscale</i> , 2017, 9, 12142-12149.	5.6	31
8	Biomimetic Autonomous Enzymatic Nanowalker of High Fuel Efficiency. <i>ACS Nano</i> , 2016, 10, 5882-5890.	14.6	44
9	Autonomous Synergic Control of Nanomotors. <i>ACS Nano</i> , 2014, 8, 1792-1803.	14.6	42
10	From Bistate Molecular Switches to Self-Directed Track-Walking Nanomotors. <i>ACS Nano</i> , 2014, 8, 10293-10304.	14.6	59
11	A bioinspired design principle for DNA nanomotors: Mechanics-mediated symmetry breaking and experimental demonstration. <i>Methods</i> , 2014, 67, 227-233.	3.8	27