

Ting-Hsiang Wu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

1,228

citations

16

h-index

35

g-index

40

ext. papers

1,407

ext. citations

8.7

avg, IF

4.03

L-index

#	Paper	IF	Citations
28	Photothermal effects of supramolecularly assembled gold nanoparticles for the targeted treatment of cancer cells. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3777-81	16.4	236
27	Dissection of the Burkholderia intracellular life cycle using a photothermal nanoblade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 12095-100	11.5	118
26	Massively parallel delivery of large cargo into mammalian cells with light pulses. <i>Nature Methods</i> , 2015 , 12, 439-44	21.6	115
25	High-speed droplet generation on demand driven by pulse laser-induced cavitation. <i>Lab on A Chip</i> , 2011 , 11, 1010-2	7.2	97
24	Pulsed laser triggered high speed microfluidic fluorescence activated cell sorter. <i>Lab on A Chip</i> , 2012 , 12, 1378-83	7.2	88
23	Modifying the Mitochondrial Genome. <i>Cell Metabolism</i> , 2016 , 23, 785-96	24.6	85
22	3D pulsed laser-triggered high-speed microfluidic fluorescence-activated cell sorter. <i>Analyst, The</i> , 2013 , 138, 7308-15	5	60
21	Mitochondrial Transfer by Photothermal Nanoblade Restores Metabolite Profile in Mammalian Cells. <i>Cell Metabolism</i> , 2016 , 23, 921-9	24.6	59
20	Pulsed laser activated cell sorting with three dimensional sheathless inertial focusing. <i>Small</i> , 2014 , 10, 1746-51	11	54
19	Photothermal nanoblade for large cargo delivery into mammalian cells. <i>Analytical Chemistry</i> , 2011 , 83, 1321-7	7.8	51
18	Photothermal Effects of Supramolecularly Assembled Gold Nanoparticles for the Targeted Treatment of Cancer Cells. <i>Angewandte Chemie</i> , 2010 , 122, 3865-3869	3.6	37
17	Nanoblade delivery and incorporation of quantum dot conjugates into tubulin networks in live cells. <i>Nano Letters</i> , 2012 , 12, 5669-72	11.5	34
16	Photothermal nanoblade for patterned cell membrane cutting. <i>Optics Express</i> , 2010 , 18, 23153-60	3.3	32
15	Pulsed laser triggered high speed microfluidic switch. <i>Applied Physics Letters</i> , 2008 , 93, 144102	3.4	31
14	Image patterned molecular delivery into live cells using gold particle coated substrates. <i>Optics Express</i> , 2010 , 18, 938-46	3.3	26
13	Detection of mRNA in living cells by double-stranded locked nucleic acid probes. <i>Analyst, The</i> , 2013 , 138, 4777-85	5	21
12	Scanning laser pulses driven microfluidic peristaltic membrane pump. <i>Lab on A Chip</i> , 2012 , 12, 1771-4	7.2	13

11	Pressure-Driven Mitochondrial Transfer Pipeline Generates Mammalian Cells of Desired Genetic Combinations and Fates. <i>Cell Reports</i> , 2020 , 33, 108562	10.6	12
10	Stable transplantation of human mitochondrial DNA by high-throughput, pressurized isolated mitochondrial delivery. <i>ELife</i> , 2021 , 10,	8.9	12
9	Magnetic nanowire-enhanced optomagnetic tweezers. <i>Applied Physics Letters</i> , 2008 , 93, 254102	3.4	11
8	Electrical impedance monitoring of photothermal porated mammalian cells. <i>Journal of the Association for Laboratory Automation</i> , 2014 , 19, 50-9		10
7	Type three secretion system-mediated escape of <i>Burkholderia pseudomallei</i> into the host cytosol is critical for the activation of NFB. <i>BMC Microbiology</i> , 2014 , 14, 115	4.5	9
6	Near field photothermal printing of gold microstructures and nanostructures. <i>Applied Physics Letters</i> , 2010 , 97, 031112	3.4	8
5	Direct Nuclear Delivery of DNA by Photothermal Nanoblade. <i>Journal of the Association for Laboratory Automation</i> , 2015 , 20, 659-62		2
4	Pulsed laser triggered high speed fluorescence activated microfluidic switch 2010 ,		2
3	Dielectrophoretic focusing integrated pulsed laser activated cell sorting 2017 ,		2
2	Pulsed laser activated cell sorter (PLACS) for high-throughput fluorescent mammalian cell sorting 2014 ,		1
1	Generating stable isolated mitochondrial recipient clones in mammalian cells using MitoPunch mitochondrial transfer. <i>STAR Protocols</i> , 2021 , 2, 100850	1.4	1