Daiki Yamashita

List of Publications by Year
in descending order

14	187	1162889 8	1281743 11
papers	citations	h-index	g-index

14	14	14	193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantization of Mode Shifts in Nanocavities Integrated with Atomically Thin Sheets. Advanced Optical Materials, 2022, 10, .	3.6	2
2	Waveguide coupled cavity-enhanced light emission from individual carbon nanotubes. APL Photonics, 2021, 6, .	3.0	3
3	Detection of negatively ionized air by using a Raman silicon nanocavity laser. Optics Express, 2021, 29, 16228.	1.7	11
4	Deterministic transfer of optical-quality carbon nanotubes for atomically defined technology. Nature Communications, 2021, 12, 3138.	5.8	16
5	Quantum Emission Assisted by Energy Landscape Modification in Pentacene-Decorated Carbon Nanotubes. ACS Photonics, 2021, 8, 2367-2374.	3.2	3
6	Detrimental Fluctuation of Frequency Spacing Between the Two High-Quality Resonant Modes in a Raman Silicon Nanocavity Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-12.	1.9	11
7	Raman Scattering Emission from a Silicon Photonic Nanocavity Excited by a Superluminescent Diode. , 2020, , .		0
8	Lasing Dynamics of Optically-Pumped Ultralow-Threshold Raman Silicon Nanocavity Lasers. Physical Review Applied, 2018, 10, .	1.5	19
9	Strongly asymmetric wavelength dependence of optical gain in nanocavity-based Raman silicon lasers. Optica, 2018, 5, 1256.	4.8	20
10	Charge carrier injection at the heterointerface in CH<inf>3</inf>NH<inf>3</inf>PbI<inf>3</inf> perovskite solar cells studied by time-resolved photoluminescence and photocurrent imaging spectroscopy. , 2017, , .		1
11	Charge Injection at the Heterointerface in Perovskite CH₃NH₃PbI₃ Solar Cells Studied by Simultaneous Microscopic Photoluminescence and Photocurrent Imaging Spectroscopy. Journal of Physical Chemistry Letters, 2016, 7, 3186-3191.	2.1	38
12	A sub-microwatt threshold Raman silicon laser using a high-Q nanocavity. , 2015, , .		1
13	Raman shift and strain effect in high-Q photonic crystal silicon nanocavity. Optics Express, 2015, 23, 3951.	1.7	27
14	Ultra-compact 32-channel drop filter with 100 GHz spacing. Optics Express, 2014, 22, 4692.	1.7	35