

# Tatsuki Hinamoto

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

246  
citations

1039406

9  
h-index

996533

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	MENP: an open-source MATLAB implementation of multipole expansion for nanophotonics. OSA Continuum, 2021, 4, 1640.	1.8	45
2	Colloidal Solutions of Silicon Nanospheres toward All-Dielectric Optical Metafluids. Nano Letters, 2020, 20, 7737-7743.	4.5	26
3	Coupled Toroidal Dipole Modes in Silicon Nanodisk Metasurface: Polarization Independent Narrow Band Absorption and Directional Emission. Advanced Optical Materials, 2020, 8, 2001148.	3.6	26
4	Forward to Backward Scattering Ratio of Dielectricâ€Metal Heterodimer Suspended in Almost Freeâ€Space. Advanced Optical Materials, 2019, 7, 1900591.	3.6	25
5	Color Toning of Mie Resonant Silicon Nanoparticle Color Inks. ACS Applied Materials & Interfaces, 2021, 13, 13613-13619.	4.0	24
6	Controlling Surface Plasmon Resonance of Metal Nanocap for Upconversion Enhancement. Journal of Physical Chemistry C, 2017, 121, 8077-8083.	1.5	16
7	Plasmon Launching and Scattering by Silicon Nanoparticles. ACS Photonics, 2021, 8, 1582-1591.	3.2	15
8	Angleâ€, Polarizationâ€, and Wavelengthâ€Resolved Light Scattering of Single Mie Resonators Using Fourierâ€Plane Spectroscopy. Advanced Optical Materials, 2021, 9, 2002192.	3.6	13
9	Thermal near-field tuning of silicon Mie nanoparticles. Nanophotonics, 2021, 10, 4161-4169.	2.9	11
10	Enhanced Light Emission from Monolayer MoS <sub>2</sub> by Doubly Resonant Spherical Si Nanoantennas. ACS Photonics, 2022, 9, 1741-1747.	3.2	11
11	Metal-Core/Dielectric-Shell/Metal-Cap Composite Nanoparticle for Upconversion Enhancement. Journal of Physical Chemistry C, 2018, 122, 17465-17472.	1.5	8
12	Resonance Couplings in Si@MoS <sub>2</sub> Coreâ€Shell Architectures. Small, 2022, 18, e2200413.	5.2	8
13	Templateâ€Assisted Selfâ€Assembly of Colloidal Silicon Nanoparticles for Allâ€Dielectric Nanoantenna. Advanced Optical Materials, 2022, 10, .	3.6	6
14	Elongated Metal Nanocap with Two Magnetic Dipole Resonances and Its Application for Upconversion Enhancement. Journal of Physical Chemistry C, 2019, 123, 25809-25815.	1.5	4
15	Gold nanopillar array with sharp surface plasmon resonances and the application in immunoassay. Journal of Applied Physics, 2019, 126, 223104.	1.1	4
16	Silicon Nanowire on Mirror Nanoantennas: Engineering Hybrid Gap Mode for Light Sources and Sensing Platforms. ACS Applied Nano Materials, 2020, 3, 7223-7230.	2.4	3
17	Optical spin sorting chain. Optics Express, 2021, 29, 34951.	1.7	1