

# Giulia Tagliabue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9377741/publications.pdf>

Version: 2024-02-01

28  
papers

1,758  
citations

393982

19  
h-index

552369

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-modulated optical and electrical properties of graphene. <i>Nanophotonics</i> , 2022, 11, 917-940.	2.9	15
2	High Aspect Ratio Au Microflakes via Gap-Assisted Synthesis. <i>Chemistry of Materials</i> , 2022, 34, 1278-1288.	3.2	7
3	Plasmon-induced near-infrared fluorescence enhancement of single-walled carbon nanotubes. <i>Carbon</i> , 2022, 194, 162-175.	5.4	12
4	Thermally reconfigurable metalens. <i>Nanophotonics</i> , 2022, 11, 3969-3980.	2.9	13
5	Intrinsic luminescence blinking from plasmonic nanojunctions. <i>Nature Communications</i> , 2021, 12, 2731.	5.8	25
6	Thermally reconfigurable varifocal silicon metalens. , 2021, , .		0
7	Ultra-Broadband and Omnidirectional Perfect Absorber Based on Copper Nanowire/Carbon Nanotube Hierarchical Structure. <i>ACS Photonics</i> , 2020, 7, 366-374.	3.2	12
8	Ultrafast hot-hole injection modifies hot-electron dynamics in Au/p-GaN heterostructures. <i>Nature Materials</i> , 2020, 19, 1312-1318.	13.3	138
9	Challenges in Plasmonic Catalysis. <i>ACS Nano</i> , 2020, 14, 16202-16219.	7.3	203
10	Optical Excitation of a Nanoparticle Cu/p-NiO Photocathode Improves Reaction Selectivity for CO <sub>2</sub> Reduction in Aqueous Electrolytes. <i>Nano Letters</i> , 2020, 20, 2348-2358.	4.5	82
11	Hot-Hole <i>versus</i> Hot-Electron Transport at Cu/GaN Heterojunction Interfaces. <i>ACS Nano</i> , 2020, 14, 5788-5797.	7.3	53
12	Self-induced thermo-optical effects in silicon and germanium dielectric nanoresonators. <i>Nanophotonics</i> , 2020, 9, 3849-3861.	2.9	24
13	Dynamics of hot electron generation in metallic nanostructures: general discussion. <i>Faraday Discussions</i> , 2019, 214, 123-146.	1.6	21
14	Nanoporous Gold as a Highly Selective and Active Carbon Dioxide Reduction Catalyst. <i>ACS Applied Energy Materials</i> , 2019, 2, 164-170.	2.5	55
15	High Spectral Resolution Plasmonic Color Filters with Subwavelength Dimensions. <i>ACS Photonics</i> , 2019, 6, 332-338.	3.2	54
16	Transport of hot carriers in plasmonic nanostructures. <i>Physical Review Materials</i> , 2019, 3, .	0.9	30
17	Hot Hole Collection and Photoelectrochemical CO <sub>2</sub> Reduction with Plasmonic Au/p-GaN Photocathodes. <i>Nano Letters</i> , 2018, 18, 2545-2550.	4.5	307
18	Solar Cell Analysis Under Venus Atmosphere Conditions. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Low-Intensity High-Temperature (LIHT) Solar Cells for Venus Atmosphere. IEEE Journal of Photovoltaics, 2018, 8, 1621-1626.	1.5	7
20	Quantifying the role of surface plasmon excitation and hot carrier transport in plasmonic devices. Nature Communications, 2018, 9, 3394.	5.8	147
21	High Photovoltaic Quantum Efficiency in Ultrathin van der Waals Heterostructures. ACS Nano, 2017, 11, 7230-7240.	7.3	193
22	A Rapid Response Thin-Film Plasmonic-Thermoelectric Light Detector. Scientific Reports, 2016, 6, 37564.	1.6	30
23	Near-Unity Absorption in van der Waals Semiconductors for Ultrathin Optoelectronics. Nano Letters, 2016, 16, 5482-5487.	4.5	156
24	Rapid-Response Low Infrared Emission Broadband Ultrathin Plasmonic Light Absorber. Scientific Reports, 2015, 4, 7181.	1.6	33
25	Proximal gap-plasmon nanoresonators in the limit of vanishing inter-cavity separation. Nanoscale, 2014, 6, 10274-10280.	2.8	9
26	A micro particle shadow velocimetry ( $\frac{1}{4}$ PSV) technique to measure flows in microchannels. Experiments in Fluids, 2013, 54, 1.	1.1	25
27	Facile multifunctional plasmonic sunlight harvesting with tapered triangle nanopatterning of thin films. Nanoscale, 2013, 5, 9957.	2.8	36
28	Direct observation of charge separation on Au localized surface plasmons. Energy and Environmental Science, 2013, 6, 3584.	15.6	70