

# Jared H Strait

## List of Publications by Citations

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19  
papers

1,730  
citations

12  
h-index

26  
g-index

26  
ext. papers

1,922  
ext. citations

5.6  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
19	Ultrafast optical-pump terahertz-probe spectroscopy of the carrier relaxation and recombination dynamics in epitaxial graphene. <i>Nano Letters</i> , <b>2008</b> , 8, 4248-51	11.5	506
18	Measurement of the optical absorption spectra of epitaxial graphene from terahertz to visible. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 131905	3.4	383
17	Ultrafast relaxation dynamics of hot optical phonons in graphene. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 081912	3.7	202
16	Carrier recombination and generation rates for intravalley and intervalley phonon scattering in graphene. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	176
15	Very slow cooling dynamics of photoexcited carriers in graphene observed by optical-pump terahertz-probe spectroscopy. <i>Nano Letters</i> , <b>2011</b> , 11, 4902-6	11.5	142
14	High intrinsic mobility and ultrafast carrier dynamics in multilayer metal-dichalcogenide MoS <sub>2</sub> . <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	61
13	Confined plasmons in graphene microstructures: Experiments and theory. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	56
12	Fast exciton annihilation by capture of electrons or holes by defects via Auger scattering in monolayer metal dichalcogenides. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	53
11	Measurements of the carrier dynamics and terahertz response of oriented germanium nanowires using optical-pump terahertz-probe spectroscopy. <i>Nano Letters</i> , <b>2009</b> , 9, 2967-72	11.5	49
10	Ultrafast carrier recombination and generation rates for plasmon emission and absorption in graphene. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	39
9	Emission of terahertz radiation from SiC. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 051912	3.4	23
8	Revisiting the Photon-Drag Effect in Metal Films. <i>Physical Review Letters</i> , <b>2019</b> , 123, 053903	7.4	14
7	Coupling of plasmon modes in graphene microstructures. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 143108	3.4	9
6	A frequency stabilization technique for diode lasers based on frequency-shifted beams from an acousto-optic modulator. <i>Review of Scientific Instruments</i> , <b>2008</b> , 79, 103110	1.7	8
5	Graphene terahertz sources and amplifiers <b>2008</b> ,		3
4	Carrier Relaxation Dynamics in MoS <sub>2</sub> Measured by Optical/THz Pump-Probe Spectroscopy <b>2013</b> ,		2
3	Chiroptical Response of Aluminum Nanocrescents at Ultraviolet Wavelengths. <i>Nano Letters</i> , <b>2020</b> , 20, 3656-3662	11.5	1

2 Graphene Micro- and Nano-Plasmonics **2013**,

1

1 Graphene plasmonics for terahertz applications **2011**,

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