

Jared H Strait

List of Publications by Year in Descending Order

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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.

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	Chiroptical Response of Aluminum Nanocrescents at Ultraviolet Wavelengths. <i>Nano Letters</i> , 2020 , 20, 3656-3662	11.5	1
18	Revisiting the Photon-Drag Effect in Metal Films. <i>Physical Review Letters</i> , 2019 , 123, 053903	7.4	14
17	Fast exciton annihilation by capture of electrons or holes by defects via Auger scattering in monolayer metal dichalcogenides. <i>Physical Review B</i> , 2015 , 91,	3.3	53
16	Coupling of plasmon modes in graphene microstructures. <i>Applied Physics Letters</i> , 2014 , 105, 143108	3.4	9
15	High intrinsic mobility and ultrafast carrier dynamics in multilayer metal-dichalcogenide MoS ₂ . <i>Physical Review B</i> , 2014 , 90,	3.3	61
14	Confined plasmons in graphene microstructures: Experiments and theory. <i>Physical Review B</i> , 2013 , 87,	3.3	56
13	Carrier Relaxation Dynamics in MoS ₂ Measured by Optical/THz Pump-Probe Spectroscopy 2013 ,		2
12	Graphene Micro- and Nano-Plasmonics 2013 ,		1
11	Graphene plasmonics for terahertz applications 2011 ,		1
10	Very slow cooling dynamics of photoexcited carriers in graphene observed by optical-pump terahertz-probe spectroscopy. <i>Nano Letters</i> , 2011 , 11, 4902-6	11.5	142
9	Ultrafast carrier recombination and generation rates for plasmon emission and absorption in graphene. <i>Physical Review B</i> , 2011 , 84,	3.3	39
8	Ultrafast relaxation dynamics of hot optical phonons in graphene. <i>Applied Physics Letters</i> , 2010 , 96, 081907	3.7	202
7	Emission of terahertz radiation from SiC. <i>Applied Physics Letters</i> , 2009 , 95, 051912	3.4	23
6	Carrier recombination and generation rates for intravalley and intervalley phonon scattering in graphene. <i>Physical Review B</i> , 2009 , 79,	3.3	176
5	Measurements of the carrier dynamics and terahertz response of oriented germanium nanowires using optical-pump terahertz-probe spectroscopy. <i>Nano Letters</i> , 2009 , 9, 2967-72	11.5	49
4	Graphene terahertz sources and amplifiers 2008 ,		3
3	Measurement of the optical absorption spectra of epitaxial graphene from terahertz to visible. <i>Applied Physics Letters</i> , 2008 , 93, 131905	3.4	383

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| 2 | Ultrafast optical-pump terahertz-probe spectroscopy of the carrier relaxation and recombination dynamics in epitaxial graphene. <i>Nano Letters</i> , 2008 , 8, 4248-51 | 11.5 | 506 |
| 1 | A frequency stabilization technique for diode lasers based on frequency-shifted beams from an acousto-optic modulator. <i>Review of Scientific Instruments</i> , 2008 , 79, 103110 | 1.7 | 8 |