

Euan Hendry

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,636
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

2793
citing authors

#	ARTICLE	IF	CITATIONS
1	Carrier dynamics in semiconductors studied with time-resolved terahertz spectroscopy. <i>Reviews of Modern Physics</i> , 2011, 83, 543-586.	45.6	978
2	Noninvasive, near-field terahertz imaging of hidden objects using a single-pixel detector. <i>Science Advances</i> , 2016, 2, e1600190.	10.3	336
3	The ultrafast dynamics and conductivity of photoexcited graphene at different Fermi energies. <i>Science Advances</i> , 2018, 4, eaar5313.	10.3	95
4	All-optical switching of an epsilon-near-zero plasmon resonance in indium tin oxide. <i>Nature Communications</i> , 2021, 12, 1017.	12.8	66
5	Reversal of orbital angular momentum arising from an extreme Doppler shift. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3800-3803.	7.1	35
6	Subwavelength lateral confinement of microwave surface waves. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	33
7	Subwavelength hyperspectral THz studies of articular cartilage. <i>Scientific Reports</i> , 2018, 8, 6924.	3.3	22
8	Cavity enhanced third harmonic generation in graphene. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	19
9	Terahertz Depolarization Effects in Colloidal TiO ₂ Films Reveal Particle Morphology. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1191-1197.	3.1	16
10	Simultaneous ultrafast probing of intramolecular vibrations and photoinduced charge carriers in rubrene using broadband time-domain THz spectroscopy. <i>Physical Review B</i> , 2007, 75, .	3.2	15
11	Sign inversion in the terahertz photoconductivity of single-walled carbon nanotube films. <i>Physical Review B</i> , 2018, 98, .	3.2	10
12	On the origin of pure optical rotation in twisted-cross metamaterials. <i>Scientific Reports</i> , 2016, 6, 30307.	3.3	5
13	Intensity dependences of the nonlinear optical excitation of plasmons in graphene. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160066.	3.4	3
14	Terahertz surface plasmons for subwavelength sensing and spectroscopy. , 2008, , .		0
15	Engineered Silicon for Efficient mm-Wave and THz Modulators. , 2019, , .		0