

Mathieu Massicotte

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,635
citations

933447

10
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

3449
citing authors

#	ARTICLE	IF	CITATIONS
1	Picosecond photoresponse in van der Waals heterostructures. Nature Nanotechnology, 2016, 11, 42-46.	31.5	493
2	Experimental Review of Graphene. , 2012, 2012, 1-56.		404
3	Generation of photovoltage in graphene on a femtosecond timescale through efficient carrier heating. Nature Nanotechnology, 2015, 10, 437-443.	31.5	210
4	Out-of-plane heat transfer in van der Waals stacks through electronâ€“hyperbolic phonon coupling. Nature Nanotechnology, 2018, 13, 41-46.	31.5	128
5	Tuning ultrafast electron thermalization pathways in a van der Waals heterostructure. Nature Physics, 2016, 12, 455-459.	16.7	127
6	Nano-imaging of intersubband transitions in van der Waals quantum wells. Nature Nanotechnology, 2018, 13, 1035-1041.	31.5	75
7	Hot carriers in graphene â€“ fundamentals and applications. Nanoscale, 2021, 13, 8376-8411.	5.6	75
8	Hot-carrier photocurrent effects at grapheneâ€“metal interfaces. Journal of Physics Condensed Matter, 2015, 27, 164207.	1.8	71
9	Magnetization Reversal in Arrays of Ni Nanowires With Different Diameters. IEEE Transactions on Magnetics, 2009, 45, 4070-4073.	2.1	25
10	Quantum Hall effect in fractal graphene: growth and properties of graphlocons. Nanotechnology, 2013, 24, 325601.	2.6	15
11	Weak Localization in Graphene: Theory, Simulations, and Experiments. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	12
12	Graphlocons: Large dendritic graphene crystals and their electronic properties. , 2013, , .		0
13	Weak localization in graphene: Experiments and the localization length. , 2013, , .		0
14	Weak Localisation in Clean and Highly Disordered Graphene. Journal of Physics: Conference Series, 2013, 456, 012016.	0.4	0
15	Concept of Signal Rod Compensation for Low Magnetic Moment Sample Measurements with a Vibrating Sample Magnetometer. Sensor Letters, 2009, 7, 433-436.	0.4	0
16	Near to mid-IR ultra-broadband third harmonic generation in multilayer graphene: few-cycle pulse measurement using THG dispersion-scan. , 2013, , .		0