

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