Michele Merano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1422947/publications.pdf

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26	461	840776 11	940533 16
papers	citations	h-index	g-index

26	26	26	529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reflection, transmission, and surface susceptibility tensor of two-dimensional materials. Physical Review A, 2022, 105, .	2.5	10
2	Optical detection of the susceptibility tensor in two-dimensional crystals. Communications Physics, 2021, 4, .	5.3	26
3	Surface susceptibility and conductivity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> monolayers: A first-principles and ellipsometry characterization. Physical Review B, 2020, 101, .	3.2	28
4	Optical response of a bilayer crystal. Physical Review A, 2019, 99, .	2.5	6
5	Optical response of atomically thin materials: a focus on ellipsometric measurements. , 2019, , .		0
6	Measurement of the surface susceptibility and the surface conductivity of atomically thin MoS₂ by spectroscopic ellipsometry. Optics Letters, 2018, 43, 703.	3.3	35
7	Goos-HÃnchen shift in a two-dimensional atomic crystal. , 2018, , .		1
8	Determination of the optical constants of atomically thin MoSâ„ by spectroscopic ellipsometry. , 2018, , .		0
9	Radiation-reaction electromagnetic fields in metasurfaces. , 2018, , .		0
10	The radiation-reaction force in two-dimensional atomic crystals and metasurfaces. , 2018, , .		0
11	Radiation-reaction electromagnetic fields in metasurfaces, a complete description of their optical properties. , 2018, , .		0
12	Role of the Radiationâ€Reaction Electric Field in the Optical Response of Twoâ€Dimensional Crystals. Annalen Der Physik, 2017, 529, 1700062.	2.4	8
13	Optical beam shifts in graphene and single-layer boron-nitride. Optics Letters, 2016, 41, 5780.	3.3	48
14	Nonlinear optical response of a two-dimensional atomic crystal. Optics Letters, 2016, 41, 187.	3.3	33
15	Clausius-Mossotti Lorentz-Lorenz relations and retardation effects for two-dimensional crystals. Physical Review A, 2016, 93, .	2.5	22
16	Fresnel coefficients of a two-dimensional atomic crystal. Physical Review A, 2016, 93, .	2.5	106
17	Transverse electric surface mode in atomically thin Boronâ€“Nitride. Optics Letters, 2016, 41, 2668.	3.3	28
18	Fresnel coefficients of a two-dimensional atomic crystal. , 2016, , .		0

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19	Nonlinear optical response of a two-dimensional atomic crystal. , 2016, , .		0
20	Transverse electric surface mode in atomically thin Boron-Nitride. , 2016, , .		0
21	Clausius-Mossotti Lorentz-Lorenz relations and retardation effects for two-dimensional crystals. , 2016, , .		0
22	Wave impedance of an atomically thin crystal. Optics Express, 2015, 23, 31602.	3.4	5
23	Observation of nonspecular effects for Gaussian Schell-model light beams. Physical Review A, 2012, 86, .	2.5	17
24	Superresolved femtosecond laser ablation. Optics Letters, 2007, 32, 2239.	3.3	16
25	All-reflective high fringe contrast autocorrelator for measurement of ultrabroadband optical pulses. Optics Letters, 2006, 31, 3514.	3.3	9
26	Spin dependent electron absorption in Fe(001)-p(1Ã—1)O: A new candidate for a stable and efficient electron polarization analyzer. Applied Physics Letters, 1998, 72, 2050-2052.	3.3	63