

# Michele Merano

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

461  
citations

840776

11  
h-index

940533

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

529  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fresnel coefficients of a two-dimensional atomic crystal. Physical Review A, 2016, 93, .	2.5	106
2	Spin dependent electron absorption in Fe(001)-p(1Å–1)O: A new candidate for a stable and efficient electron polarization analyzer. Applied Physics Letters, 1998, 72, 2050-2052.	3.3	63
3	Optical beam shifts in graphene and single-layer boron-nitride. Optics Letters, 2016, 41, 5780.	3.3	48
4	Measurement of the surface susceptibility and the surface conductivity of atomically thin MoS <sub>2</sub> by spectroscopic ellipsometry. Optics Letters, 2018, 43, 703.	3.3	35
5	Nonlinear optical response of a two-dimensional atomic crystal. Optics Letters, 2016, 41, 187.	3.3	33
6	Transverse electric surface mode in atomically thin Boron Nitride. Optics Letters, 2016, 41, 2668.	3.3	28
7	Surface susceptibility and conductivity of MoS <sub>2</sub> and WSe <sub>2</sub> monolayers: A first-principles and ellipsometry characterization. Physical Review B, 2020, 101, .	3.2	28
8	Optical detection of the susceptibility tensor in two-dimensional crystals. Communications Physics, 2021, 4, .	5.3	26
9	Clausius-Mossotti Lorentz-Lorenz relations and retardation effects for two-dimensional crystals. Physical Review A, 2016, 93, .	2.5	22
10	Observation of nonspecular effects for Gaussian Schell-model light beams. Physical Review A, 2012, 86, .	2.5	17
11	Superresolved femtosecond laser ablation. Optics Letters, 2007, 32, 2239.	3.3	16
12	Reflection, transmission, and surface susceptibility tensor of two-dimensional materials. Physical Review A, 2022, 105, .	2.5	10
13	All-reflective high fringe contrast autocorrelator for measurement of ultrabroadband optical pulses. Optics Letters, 2006, 31, 3514.	3.3	9
14	Role of the Radiation Reaction Electric Field in the Optical Response of Two-Dimensional Crystals. Annalen Der Physik, 2017, 529, 1700062.	2.4	8
15	Optical response of a bilayer crystal. Physical Review A, 2019, 99, .	2.5	6
16	Wave impedance of an atomically thin crystal. Optics Express, 2015, 23, 31602.	3.4	5
17	Goos-Hänchen shift in a two-dimensional atomic crystal. , 2018, , .		1
18	Fresnel coefficients of a two-dimensional atomic crystal. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
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	Determination of the optical constants of atomically thin MoS <sub>2</sub> , by spectroscopic ellipsometry. , 2018, , .		0
23	Radiation-reaction electromagnetic fields in metasurfaces. , 2018, , .		0
24	The radiation-reaction force in two-dimensional atomic crystals and metasurfaces. , 2018, , .		0
25	Radiation-reaction electromagnetic fields in metasurfaces, a complete description of their optical properties. , 2018, , .		0
26	Optical response of atomically thin materials: a focus on ellipsometric measurements. , 2019, , .		0