

Marco Polini

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

2,011
citations

14
h-index

22
g-index

22
ext. papers

2,427
ext. citations

10
avg, IF

4.72
L-index

#	Paper	IF	Citations
21	Managing Students from 23 Different Countries in Distance Learning: The Foundation Course Experience of the University of Pisa. <i>Communications in Computer and Information Science</i> , 2022 , 129-140 ^{0.3}		
20	Gauge invariance and Ward identities in nonlinear response theory. <i>Annals of Physics</i> , 2021 , 431, 168523 ^{2.5}		0
19	Coherent terahertz radiation from a nonlinear oscillator of viscous electrons. <i>Applied Physics Letters</i> , 2021 , 118, 013105	3.4	10
18	Quantum Nanophotonics in Two-Dimensional Materials. <i>ACS Photonics</i> , 2021 , 8, 85-101	6.3	31
17	Optical and plasmonic properties of twisted bilayer graphene: Impact of interlayer tunneling asymmetry and ground-state charge inhomogeneity. <i>Physical Review B</i> , 2020 , 102,	3.3	14
16	Acoustic plasmons at the crossover between the collisionless and hydrodynamic regimes in two-dimensional electron liquids. <i>Physical Review B</i> , 2019 , 99,	3.3	7
15	Pseudo-Euler equations from nonlinear optics: Plasmon-assisted photodetection beyond hydrodynamics. <i>Physical Review B</i> , 2019 , 99,	3.3	8
14	Confining graphene plasmons to the ultimate limit. <i>Physical Review B</i> , 2018 , 98,	3.3	32
13	Resonant terahertz detection using graphene plasmons. <i>Nature Communications</i> , 2018 , 9, 5392	17.4	129
12	Tuning quantum nonlocal effects in graphene plasmonics. <i>Science</i> , 2017 , 357, 187-191	33.3	189
11	Propagating Plasmons in a Charge-Neutral Quantum Tunneling Transistor. <i>ACS Photonics</i> , 2017 , 4, 3012-3017	3.17	13
10	Acoustic terahertz graphene plasmons revealed by photocurrent nanoscopy. <i>Nature Nanotechnology</i> , 2017 , 12, 31-35	28.7	178
9	Applied optics. Tuning terahertz lasers via graphene plasmons. <i>Science</i> , 2016 , 351, 229-31	33.3	16
8	Highly confined low-loss plasmons in graphene-boron nitride heterostructures. <i>Nature Materials</i> , 2015 , 14, 421-5	27	681
7	Nonlocal transport and the hydrodynamic shear viscosity in graphene. <i>Physical Review B</i> , 2015 , 92,	3.3	139
6	Corbino disk viscometer for 2D quantum electron liquids. <i>Physical Review Letters</i> , 2014 , 113, 235901	7.4	59
5	Drude weight, plasmon dispersion, and ac conductivity in doped graphene sheets. <i>Physical Review B</i> , 2011 , 84,	3.3	130

- 4 Linear response of doped graphene sheets to vector potentials. *Physical Review B*, **2009**, 80, 3.3 88
- 3 Graphene: A pseudo-chiral Fermi liquid. *Solid State Communications*, **2007**, 143, 58-62 1.6 96
- 2 Chirality and correlations in graphene. *Physical Review Letters*, **2007**, 98, 236601 7.4 184
- 1 Observation of interband collective excitations in twisted bilayer graphene. *Nature Physics*, 16.2 7