

Yannick Gillet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/574816/publications.pdf>

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15
papers

1,731
citations

686830

13
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

2245
citing authors

#	ARTICLE	IF	CITATIONS
1	The Abinitproject: Impact, environment and recent developments. Computer Physics Communications, 2020, 248, 107042.	3.0	369
2	On self-organised aggregation dynamics in swarms of robots with informed robots. Neural Computing and Applications, 2020, 32, 13825-13841.	3.2	16
3	ABINIT: Overview and focus on selected capabilities. Journal of Chemical Physics, 2020, 152, 124102.	1.2	179
4	Guiding aggregation dynamics in a swarm of agents via informed individuals: an analytical study. , 2019, , .		2
5	Ab Initio Approach to Second-order Resonant Raman Scattering Including Exciton-Phonon Interaction. Scientific Reports, 2017, 7, 7344.	1.6	27
6	First-principles investigation of the structural, dynamical, and dielectric properties of kesterite, stannite, and PMCA phases of Cu_2ZnS_4 . Physical Review B, 2016, 94, .	1.1	23
7	Recent developments in the ABINIT software package. Computer Physics Communications, 2016, 205, 106-131.	3.0	662
8	Temperature evolution of the band gap in BiFeO_3 by resonant Raman scattering. Physical Review B, 2016, 93, .	1.1	20
9	Precise effective masses from density functional perturbation theory. Physical Review B, 2016, 93, .	1.1	28
10	Efficient on-the-fly interpolation technique for Bethe-Salpeter calculations of optical spectra. Computer Physics Communications, 2016, 203, 83-93.	3.0	10
11	Atypical Exciton-Phonon Interactions in WS_2 and WSe_2 Monolayers Revealed by Resonance Raman Spectroscopy. Nano Letters, 2016, 16, 2363-2368.	4.5	118
12	Temperature dependence of the electronic structure of semiconductors and insulators. Journal of Chemical Physics, 2015, 143, 102813.	1.2	139
13	Temperature dependence of electronic eigenenergies in the adiabatic harmonic approximation. Physical Review B, 2014, 90, .	1.1	91
14	First-principles characterization of the electronic and optical properties of hexagonal LiIO_3 . Optical Materials, 2014, 36, 1494-1501.	1.7	13
15	First-principles study of excitonic effects in Raman intensities. Physical Review B, 2013, 88, .	1.1	33