

Federico Bisti

List of Publications by Year in descending order

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citations

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times ranked

4431
citing authors

#	ARTICLE	IF	CITATIONS
19	Weakly-Correlated Nature of Ferromagnetism in Nonsymmorphic CrO_2 Revealed by Bulk-Sensitive Soft-X-Ray ARPES. Physical Review X, 2017, 7, .	8.9	19
20	Evidence for a Strong Topological Insulator Phase in ZrTe_5 . Physical Review Letters, 2016, 117, 237601.	7.8	125
21	A Prictide Insulating Phase Induced by On-Site Coulomb Interaction. Physical Review Letters, 2016, 117, 097001.	7.8	16
22	Observation of Weyl nodes and Fermi arcs in tantalum phosphide. Nature Communications, 2016, 7, 11006.	12.8	264
23	Disentangling bulk and surface Rashba effects in ferroelectric In_2Te_3 -GeTe. Physical Review B, 2016, 94, .	3.2	74
24	Entanglement and manipulation of the magnetic and spin-orbit order in multiferroic Rashba semiconductors. Nature Communications, 2016, 7, 13071.	12.8	68
25	Electronic and geometric structure of graphene/SiC(0001) decoupled by lithium intercalation. Physical Review B, 2015, 91, .	3.2	56
26	Few layered MoS ₂ lithography with an AFM tip: description of the technique and nanospectroscopy investigations. Nanoscale, 2015, 7, 11453-11459.	5.6	23
27	Fermi states and anisotropy of Brillouin zone scattering in the decagonal Al-Ni-Co quasicrystal. Nature Communications, 2015, 6, 8607.	12.8	15
28	Observation of Weyl nodes in TaAs. Nature Physics, 2015, 11, 724-727.	16.7	867
29	Response to NO ₂ and other gases of resistive chemically exfoliated MoS ₂ -based gas sensors. Sensors and Actuators B: Chemical, 2015, 207, 602-613.	7.8	331
30	Tetrakis erbium quinolate complexes, electronic structure investigation. Organic Electronics, 2014, 15, 1810-1814.	2.6	3
31	Tunable sulfur desorption in exfoliated MoS ₂ by means of thermal annealing in ultra-high vacuum. Chemical Physics Letters, 2013, 588, 198-202.	2.6	124
32	Use of Optical Contrast To Estimate the Degree of Reduction of Graphene Oxide. Journal of Physical Chemistry C, 2013, 117, 620-625.	3.1	52
33	The electronic structure of gas phase croconic acid compared to the condensed phase: More insight into the hydrogen bond interaction. Journal of Chemical Physics, 2013, 138, 014308.	3.0	24
34	Large Area Extreme-UV Lithography of Graphene Oxide via Spatially Resolved Photoreduction. Langmuir, 2012, 28, 5489-5495.	3.5	46
35	Crystal phase dependent photoluminescence of 6,13-pentacenequinone. Journal of Applied Physics, 2012, 112, 013512.	2.5	3
36	Unravelling the Role of the Central Metal Ion in the Electronic Structure of Tris(8-hydroxyquinoline) Metal Chelates: Photoemission Spectroscopy and Hybrid Functional Calculations. Journal of Physical Chemistry A, 2012, 116, 11548-11552.	2.5	4

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37	Combined microscopies study of the C-contamination induced by extreme-ultraviolet radiation: A surface-dependent secondary-electron-based model. <i>Applied Physics Letters</i> , 2012, 100, 201603.	3.3	3
38	Electronic structure of tris(8-hydroxyquinolinato)aluminium(III) revisited using the Heyd-Scuseria-Ernzerhof hybrid functional: Theory and experiments. <i>Physical Review B</i> , 2011, 84, .	3.2	17
39	Infrared photoluminescence of erbium-tris(8-hydroxyquinoline) in a distributed feedback cavity. <i>Journal of Luminescence</i> , 2011, 131, 682-685.	3.1	7
40	Bulk phase two dimensional chiral growth of 6, 13 Pentacenequinone on SiO ₂ . <i>Journal of Applied Physics</i> , 2011, 109, 063508.	2.5	4
41	Fingerprints of the hydrogen bond in the photoemission spectra of croconic acid condensed phase: An x-ray photoelectron spectroscopy and <i>ab-initio</i> study. <i>Journal of Chemical Physics</i> , 2011, 134, 174505.	3.0	26
42	Local surface morphology and chemistry of SnO ₂ thin films deposited by rheotaxial growth and thermal oxidation method for gas sensor application. <i>Thin Solid Films</i> , 2009, 517, 6161-6169.	1.8	20