

Giovanni Zamborlini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2614891/publications.pdf>

Version: 2024-02-01

37
papers

712
citations

623734

14
h-index

552781

26
g-index

39
all docs

39
docs citations

39
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	Disproportionation of Nitric Oxide at a Surface-Bound Nickel Porphyrinoid. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	4
2	Fe(001) angle-resolved photoemission and intrinsic anomalous Hall conductivity in Fe seen by different <i>ab initio</i> approaches: LDA and GGA versus $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mrow}>\langle \text{mml:mi mathvariant="italic">GW</mml:mi></mml:mrow></mml:math}>$. <i>Physical Review B</i> , 2022, 105, .	3.2	5
3	One-dimensional Rashba states with unconventional spin texture in Bi chains. <i>Physical Review B</i> , 2022, 106, .	3.2	2
4	Spin-polarized hybrid states in epitaxially-aligned and rotated graphene on cobalt. <i>Carbon</i> , 2022, 198, 188-194.	10.3	1
5	Ferrous to Ferric Transition in Fe-Phthalocyanine Driven by NO ₂ Exposure. <i>Chemistry - A European Journal</i> , 2021, 27, 3526-3535.	3.3	16
6	Reversible redox reactions in metal-supported porphyrin: the role of spin and oxidation state. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12559-12565.	5.5	10
7	Nanoscale Surface Decomposition of Pr _{0.5} Ba _{0.5} CoO ₃ Perovskites Turns Performance Descriptors Ambiguous. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10043-10050.	3.1	1
8	Spin-polarized quantized electronic structure of Fe(001) with symmetry breaking due to the magnetization direction. <i>Physical Review B</i> , 2021, 103, .	3.2	7
9	Room-Temperature Spin-Switching and Tuning in a Porphyrin-Based Multifunctional Interface. <i>Small</i> , 2021, 17, e2104779.	10.0	19
10	Evaluation of molecular orbital symmetry via oxygen-induced charge transfer quenching at a metal-organic interface. <i>Applied Surface Science</i> , 2020, 504, 144343.	6.1	19
11	Molecular anchoring stabilizes low valence Ni(<i>TPP</i>) on copper against thermally induced chemical changes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8876-8886.	5.5	13
12	Tunable coupling by means of oxygen intercalation and removal at the strongly interacting graphene/cobalt interface. <i>Carbon</i> , 2020, 163, 341-347.	10.3	9
13	Vibronic Fingerprints of the Nickel Oxidation States in Surface-Supported Porphyrin Arrays. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6297-6303.	3.1	7
14	Plane-wave final state for photoemission from nonplanar molecules at a metal-organic interface. <i>Physical Review B</i> , 2020, 101, .	3.2	9
15	Signatures of an atomic crystal in the band structure of a C_{60} thin film. <i>Physical Review B</i> , 2020, 101, .	3.2	13
16	Topotactic Phase Transition Driving Memristive Behavior. <i>Advanced Materials</i> , 2019, 31, e1903391.	21.0	61
17	Coexisting Charge States in a Unary Organic Monolayer Film on a Metal. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6438-6445.	4.6	18
18	Role of carbon dissolution and recondensation in graphene epitaxial alignment on cobalt. <i>Carbon</i> , 2019, 152, 489-496.	10.3	15

#	ARTICLE	IF	CITATIONS
19	Kink far below the Fermi level reveals new electron-magnon scattering channel in Fe. Nature Communications, 2019, 10, 505.	12.8	16
20	Combined orbital tomography study of multi-configurational molecular adsorbate systems. Nature Communications, 2019, 10, 5255.	12.8	26
21	Beyond van der Waals Interaction: The Case of MoSe ₂ Epitaxially Grown on Few-Layer Graphene. ACS Nano, 2018, 12, 2319-2331.	14.6	46
22	Localized segregation of gold in ultrathin Fe films on Au(001). Physical Review B, 2018, 97, .	3.2	2
23	On-surface nickel porphyrin mimics the reactive center of an enzyme cofactor. Chemical Communications, 2018, 54, 13423-13426.	4.1	32
24	Molecular orbital imaging beyond the first monolayer: Insights into the pentacene/Ag(110) interface. Physical Review B, 2018, 98, .	3.2	15
25	Principal component analysis: Reveal camouflaged information in x-ray absorption spectroscopy photoemission electron microscopy of complex thin oxide films. Thin Solid Films, 2018, 665, 75-84.	1.8	4
26	Algorithms and image formation in orbital tomography. Physical Review B, 2018, 98, .	3.2	13
27	Multi-orbital charge transfer at highly oriented organic/metal interfaces. Nature Communications, 2017, 8, 335.	12.8	45
28	Direct Observation of the Band Gap Transition in Atomically Thin ReS ₂ . Nano Letters, 2017, 17, 5187-5192.	9.1	65
29	Switchable graphene-substrate coupling through formation/dissolution of an intercalated Ni-carbide layer. Scientific Reports, 2016, 6, 19734.	3.3	31
30	Schottky barrier measurements on individual GaAs nanowires by X-ray photoemission microscopy. Applied Surface Science, 2016, 386, 72-77.	6.1	0
31	Fabrication of 2D Heterojunction in Graphene via Low Energy N ₂ ⁺ Irradiation. Small, 2015, 11, 5927-5931.	10.0	10
32	The geometric and electronic structure of TCNQ and TCNQ+Mn on Ag(0 0 1) and Cu(0 0 1) surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 125-131.	1.7	10
33	Nanobubbles at GPa Pressure under Graphene. Nano Letters, 2015, 15, 6162-6169.	9.1	65
34	Cathode lens spectromicroscopy: methodology and applications. Beilstein Journal of Nanotechnology, 2014, 5, 1873-1886.	2.8	82
35	Growth of single and multi-layer graphene on Ir(100). Carbon, 2014, 74, 237-248.	10.3	10
36	The Thinnest Carpet on the Smallest Staircase: The Growth of Graphene on Rh(533). Journal of Physical Chemistry C, 2014, 118, 6242-6250.	3.1	6

#	ARTICLE	IF	CITATIONS
37	Disproportionation of Nitric Oxide at a Surface-Bound Nickel Porphyrinoid. <i>Angewandte Chemie</i> , 0, , .	2.0	0