Predrag Lazic

List of Publications by Year
in descending order

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29 papers	3,594 citations	361413 20 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	6743 citing authors

#	Article	IF	Citations
1	Experimental and Theoretical Study of Selectivity in Mechanochemical Cocrystallization of Nicotinamide with Anthranilic and Salicylic Acid. Crystal Growth and Design, 2018, 18, 1539-1547.	3.0	22
2	Energy-Dependent Chirality Effects in Quasifree-Standing Graphene. Physical Review Letters, 2017, 118, 116401.	7.8	17
3	Proximity Band Structure and Spin Textures on Both Sides of Topological-Insulator/Ferromagnetic-Metal Interface and Their Charge Transport Probes. Nano Letters, 2017, 17, 5626-5633.	9.1	59
4	Adsorbed or intercalated: Na on graphene/Ir(111). Physical Review Materials, 2017, 1, .	2.4	14
5	Step-induced faceting and related electronic effects for graphene on Ir(332). Carbon, 2016, 110, 267-277.	10.3	17
6	Effective gating and tunable magnetic proximity effects in two-dimensional heterostructures. Physical Review B, 2016, 93, .	3.2	85
7	Structure and Growth of Hexagonal Boron Nitride on Ir(111). ACS Nano, 2016, 10, 11012-11026.	14.6	93
8	In situ X-ray diffraction monitoring of a mechanochemical reaction reveals a unique topology metal-organic framework. Nature Communications, 2015, 6, 6662.	12.8	294
9	Large-Area Epitaxial Monolayer MoS₂. ACS Nano, 2015, 9, 4611-4620.	14.6	712
10	CellMatch: Combining two unit cells into a common supercell with minimal strain. Computer Physics Communications, 2015, 197, 324-334.	7.5	60
11	Band structure engineering through orbital interaction for enhanced thermoelectric power factor. Applied Physics Letters, 2014, 104, .	3.3	64
12	Graphene buckles under stress: An x-ray standing wave and scanning tunneling microscopy study. Physical Review B, 2014, 89, .	3.2	22
13	A Short Review on the Magnetic Effects Occurring at Organic Ferromagnetic Interfaces Formed between Benzene-Like Molecules and Graphene with Ferromagnetic Surfaces. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 360-370.	1.5	2
14	First-principles insights into the electronic and magnetic structure of hybrid organic-metal interfaces. Journal of Physics Condensed Matter, 2014, 26, 263001.	1.8	10
15	The Backside of Graphene: Manipulating Adsorption by Intercalation. Nano Letters, 2013, 13, 5013-5019.	9.1	74
16	Absence of Edge States in Covalently Bonded Zigzag Edges of Graphene on Ir(111). Advanced Materials, 2013, 25, 1967-1972.	21.0	42
17	Interface-engineered templates for molecular spin memory devices. Nature, 2013, 493, 509-513.	27.8	401
18	First principles high throughput screening of oxynitrides for water-splitting photocatalysts. Energy and Environmental Science, 2013, 6, 157-168.	30.8	290

#	Article	IF	Citations
19	Ab initioand semi-empirical van der Waals study of grapheneâ€“boron nitride interaction from a molecular point of view. Journal of Physics Condensed Matter, 2012, 24, 424214.	1.8	26
20	Prediction of solid-aqueous equilibria: Scheme to combine first-principles calculations of solids with experimental aqueous states. Physical Review B, 2012, 85, .	3.2	342
21	Graphene on Ir(111): Physisorption with Chemical Modulation. Physical Review Letters, 2011, 107, 036101.	7.8	270
22	Engineering the magnetic properties of hybrid organic-ferromagnetic interfaces by molecular chemical functionalization. Physical Review B, 2011, 84, .	3.2	52
23	Excitonic precursor states in ultrafast pumpâ€“probe spectroscopies of surface bands. Physica Status Solidi (B): Basic Research, 2010, 247, 1907-1919.	1.5	20
24	Spin- and Energy-Dependent Tunneling through a Single Molecule with Intramolecular Spatial Resolution. Physical Review Letters, 2010, 105, 047204.	7.8	257
25	Design of the Local Spin Polarization at the Organic-Ferromagnetic Interface. Physical Review Letters, 2010, 105, 066601.	7.8	284
26	JuNoLo â€“ JÃ¼lich nonlocal code for parallel post-processing evaluation of vdW-DF correlation energy. Computer Physics Communications, 2010, 181, 371-379.	7.5	40
27	Nonadiabatic quasiparticle dynamics in time resolved electron spectroscopies of surface bands. Surface Science, 2009, 603, 1571-1578.	1.9	5
28	The Robin Hood methodâ€”A new view on differential equations. Engineering Analysis With Boundary Elements, 2008, 32, 76-89.	3.7	7
29	The Robin Hood method â€“ A novel numerical method for electrostatic problems based on a non-local charge transfer. Journal of Computational Physics, 2006, 213, 117-140.	3.8	13