

Nadia Binggeli

List of Publications by Year in descending order

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26
papers

1,211
citations

471061

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580395

25
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26
all docs

26
docs citations

26
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming the asymmetry of the electron and hole doping for magnetic transitions in bilayer CrI ₃ . Nanoscale, 2021, 13, 9391-9401.	2.8	6
2	Comment on "Magnetic skyrmions in atomic thin CrI ₃ monolayer" [Appl. Phys. Lett. 114, 232402 (2019)]. Applied Physics Letters, 2020, 116, .	1.5	7
3	Structural and magnetic response of CrI ₃ monolayer to electric field. Physica B: Condensed Matter, 2019, 570, 166-171.	1.3	20
4	Strong chemisorption of CO ₂ on B ₁₀ and B ₁₃ planar-type clusters. Journal of Physics Condensed Matter, 2019, 31, 145504.	0.7	5
5	Noncollinear magnetic structures of FeMn ultrathin films on Cu(001). Superlattices and Microstructures, 2016, 100, 767-779.	1.4	2
6	Nanobubbles at GPa Pressure under Graphene. Nano Letters, 2015, 15, 6162-6169.	4.5	65
7	Temperature-Driven Reversible Rippling and Bonding of a Graphene Superlattice. ACS Nano, 2013, 7, 6955-6963.	7.3	47
8	Structural properties and energetics of intrinsic and Si-doped GaAs nanowires: First-principles pseudopotential calculations. Physical Review B, 2010, 81, .	1.1	40
9	Influence of the interface atomic structure on the magnetic and electronic properties of $La_{2-x}Mn_2O_7$. Physical Review B, 2010, 82, .	1.1	18
10	Fe chains due to segregated carbon impurities on Fe(100). Surface Science, 2006, 600, 3884-3887.	0.8	6
11	Band-offset trends in nitride heterojunctions. Physical Review B, 2001, 63, .	1.1	51
12	Modeling the properties of quartz with clusters. Solid State Communications, 1998, 107, 527-531.	0.9	3
13	A New Phase and Pressure Induced Amorphization in Silica. Physical Review Letters, 1998, 80, 2149-2152.	2.9	127
14	Band discontinuities in zinc-blende and wurtzite AlN/SiC heterostructures. Physical Review B, 1997, 55, R7418-R7426.	1.1	23
15	Band Offsets In GaN/AlN and AlN/SiC Heterojunctions. Materials Research Society Symposia Proceedings, 1997, 482, 916.	0.1	4
16	The Structural Properties of Silica Using Classical and Quantum Interatomic Forces. Topics in Molecular Organization and Engineering, 1997, , 1-37.	0.1	0
17	Photoemission Spectra and Structures of Si Clusters at Finite Temperature. Physical Review Letters, 1995, 75, 493-496.	2.9	101
18	Abinitiomolecular-dynamics simulations of Si clusters using the higher-order finite-difference-pseudopotential method. Physical Review B, 1994, 50, 12234-12237.	1.1	84

#	ARTICLE	IF	CITATIONS
19	Pressure-induced amorphization, elastic instability, and soft modes in $\hat{\Gamma}$ -quartz. Physical Review B, 1994, 49, 3075-3081.	1.1	87
20	Structural and bonding properties of solid tellurium from first-principles calculations. Physical Review B, 1994, 50, 9063-9071.	1.1	42
21	Langevin molecular dynamics with quantum forces: Application to silicon clusters. Physical Review B, 1994, 50, 11764-11770.	1.1	55
22	First principles methods for structural trends in oxides: applications to crystalline silica. Journal of Alloys and Compounds, 1993, 197, 137-144.	2.8	8
23	Simulation of Si clusters via Langevin molecular dynamics with quantum forces. Physical Review Letters, 1992, 68, 2956-2959.	2.9	115
24	Elastic instability in $\hat{\Gamma}$ -quartz under pressure. Physical Review Letters, 1992, 69, 2220-2223.	2.9	134
25	Electronic properties of $\hat{\Gamma}$ -quartz under pressure. Physical Review B, 1991, 44, 4771-4777.	1.1	81
26	Structural transformation of quartz at high pressures. Nature, 1991, 353, 344-346.	13.7	80