

Philippe Sonnet

List of Publications by Year in descending order

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759233

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642732

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all docs

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docs citations

24
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined surface x-ray diffraction and density functional theory study of the germanene/Al(111)- structure. Physical Review B, 2022, 106.	3.2	4
2	Insights into Water Adsorption in Potassium-Exchanged X-type Faujasite Zeolite: Molecular Simulation and Experiment. Journal of Physical Chemistry C, 2021, 125, 19405-19416.	3.1	10
3	Structure of Germanene/Al(111): A Two-Layer Surface Alloy. Journal of Physical Chemistry C, 2021, 125, 24702-24709.	3.1	8
4	Behavior of anchor functionalized ZnPc molecules on a graphene nanoflake near membrane cell. Structural Chemistry, 2020, 31, 1935-1943.	2.0	1
5	Two-Dimensional Functionalized Ultrathin Semi-Insulating CaF ₂ Layer on the Si(100) Surface at a Low Temperature for Molecular Electronic Decoupling. ACS Applied Materials & Interfaces, 2020, 12, 29661-29670.	8.0	3
6	Translational Manipulation of Magnetic Cobalt Adatoms on the Si(100)-2 × 1 Surface at 9 K. Journal of Physical Chemistry C, 2019, 123, 26415-26423.	3.1	3
7	Experimental molecular adsorption: electronic buffer effect of germanene on Al(100). 2D Materials, 2019, 6, 035016.	4.4	4
8	Adsorption of Polychlorinated Aromatics in EMT-Type Zeolites: A Combined Experimental-Simulation Approach. Journal of Physical Chemistry C, 2018, 122, 12731-12741.	3.1	4
9	Sub-molecular spectroscopy and temporary molecular charging of Ni-phthalocyanine on graphene with STM. Physical Chemistry Chemical Physics, 2018, 20, 19507-19514.	2.8	7
10	Simulations of a Graphene Nanoflake as a Nanovector To Improve ZnPc Phototherapy Toxicity: From Vacuum to Cell Membrane. ACS Applied Materials & Interfaces, 2017, 9, 37554-37562.	8.0	20
11	Tip-Induced Switch of Germanene Atomic Structure. Journal of Physical Chemistry Letters, 2017, 8, 4587-4593.	4.6	21
12	Using strain to control molecule chemisorption on silicene. Journal of Chemical Physics, 2017, 147, 044705.	3.0	8
13	A two-dimensional ON/OFF switching device based on anisotropic interactions of atomic quantum dots on Si(100):H. Nature Communications, 2017, 8, 2211.	12.8	14
14	Germanene on Al(111): Interface Electronic States and Charge Transfer. Journal of Physical Chemistry C, 2016, 120, 1580-1585.	3.1	58
15	Opening the way to molecular cycloaddition of large molecules on supported silicene. Journal of Chemical Physics, 2015, 143, 154706.	3.0	6
16	Continuous Germanene Layer on Al(111). Nano Letters, 2015, 15, 2510-2516.	9.1	559
17	Molecular functionalization of silicene/Ag(111) by covalent bonds: a DFT study. Physical Chemistry Chemical Physics, 2015, 17, 14495-14501.	2.8	20
18	Spatial analysis of interactions at the silicene/Ag interface: first principles study. Journal of Physics Condensed Matter, 2015, 27, 015002.	1.8	23

#	ARTICLE	IF	CITATIONS
19	Reversible charge storage in a single silicon atom. <i>Physical Review B</i> , 2013, 88, .	3.2	30
20	Electronic Control of the Tip-Induced Hopping of an Hexaphenyl-Benzene Molecule Physisorbed on a Bare Si(100) Surface at 9 K. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13663-13675.	3.1	13
21	Full DFT-D description of a nanoporous supramolecular network on a silicon surface. <i>Journal of Chemical Physics</i> , 2013, 138, 084704.	3.0	11
22	Robust and Open Tailored Supramolecular Networks Controlled by the Template Effect of a Silicon Surface. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4094-4098.	13.8	80
23	Electronic properties of the n -doped hydrogenated silicon (100) surface and dehydrogenated structures at 5 K. <i>Physical Review B</i> , 2009, 80, .	3.2	39
24	Surface-Isomerization Dynamics of <i>trans</i> -Stilbene Molecules Adsorbed on Si(100)-2 \times 1. <i>Journal of the American Chemical Society</i> , 2009, 131, 5414-5423.	13.7	40