

# Philippe Sonnet

## List of Publications by Year in descending order

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24  
papers

986  
citations

759233

12  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1438  
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous Germanene Layer on Al(111). <i>Nano Letters</i> , 2015, 15, 2510-2516.	9.1	559
2	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
3	Germanene on Al(111): Interface Electronic States and Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1580-1585.	3.1	58
4	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
5	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
6	Reversible charge storage in a single silicon atom. <i>Physical Review B</i> , 2013, 88, .	3.2	30
7	Spatial analysis of interactions at the silicene/Ag interface: first principles study. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 015002.	1.8	23
8	Tip-Induced Switch of Germanene Atomic Structure. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4587-4593.	4.6	21
9	Molecular functionalization of silicene/Ag(111) by covalent bonds: a DFT study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14495-14501.	2.8	20
10	Simulations of a Graphene Nanoflake as a Nanovector To Improve ZnPc Phototherapy Toxicity: From Vacuum to Cell Membrane. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37554-37562.	8.0	20
11	A two-dimensional ON/OFF switching device based on anisotropic interactions of atomic quantum dots on Si(100):H. <i>Nature Communications</i> , 2017, 8, 2211.	12.8	14
12	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
13	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
14	Insights into Water Adsorption in Potassium-Exchanged X-type Faujasite Zeolite: Molecular Simulation and Experiment. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19405-19416.	3.1	10
15	Using strain to control molecule chemisorption on silicene. <i>Journal of Chemical Physics</i> , 2017, 147, 044705.	3.0	8
16	Structure of Germanene/Al(111): A Two-Layer Surface Alloy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 24702-24709.	3.1	8
17	Sub-molecular spectroscopy and temporary molecular charging of Ni-phthalocyanine on graphene with STM. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19507-19514.	2.8	7
18	Opening the way to molecular cycloaddition of large molecules on supported silicene. <i>Journal of Chemical Physics</i> , 2015, 143, 154706.	3.0	6

#	ARTICLE	IF	CITATIONS
19	Adsorption of Polychlorinated Aromatics in EMT-Type Zeolites: A Combined Experimental-Simulation Approach. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12731-12741.	3.1	4
20	Experimental molecular adsorption: electronic buffer effect of germanene on Al(111). <i>2D Materials</i> , 2019, 6, 035016.	4.4	4
21	Combined surface x-ray diffraction and density functional theory study of the germanene/Al(111)- structure. <i>Physical Review B</i> , 2022, 106, .	3.2	4
22	Translational Manipulation of Magnetic Cobalt Adatoms on the Si(100)-2 × 1 Surface at 9 K. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26415-26423.	3.1	3
23	Two-Dimensional Functionalized Ultrathin Semi-Insulating CaF <sub>2</sub> Layer on the Si(100) Surface at a Low Temperature for Molecular Electronic Decoupling. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 29661-29670.	8.0	3
24	Behavior of anchor functionalized ZnPc molecules on a graphene nanoflake near membrane cell. <i>Structural Chemistry</i> , 2020, 31, 1935-1943.	2.0	1