

# Pawel Krukowski

## List of Publications by Year in descending order

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22  
papers

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citations

1040056

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22  
all docs

22  
docs citations

22  
times ranked

363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale analysis of multiwalled carbon nanotube by tip-enhanced Raman spectroscopy. Carbon, 2016, 99, 642-648.	10.3	31
2	Electronic structure of commensurate, nearly commensurate, and incommensurate phases of $\text{S}_2\text{C}_6$ by angle-resolved photoelectron spectroscopy, scanning tunneling spectroscopy, and density functional theory. Physical Review B, 2018, 98, .	3.2	29
3	Nanoscale Dehydrogenation Observed by Tip-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2017, 121, 18162-18168.	3.1	22
4	Formation of dense nitroxide radical layers on the Au(111) substrate for ESN-STM measurement. Applied Surface Science, 2008, 255, 1921-1928.	6.1	15
5	Detection of Light Emission from (S)-PTCDI Molecules Adsorbed on Au(111) and NiAl(110) Surfaces Induced by a Scanning Tunneling Microscope. Journal of Physical Chemistry C, 2016, 120, 3964-3977.	3.1	15
6	Self-Assembly Formation of M-Type Enantiomer of 2,13-Bis(hydroxymethyl)[7]-thiaheterohelicene Molecules on Au(111) Surface Investigated by STM/CITS. Journal of Physical Chemistry C, 2015, 119, 21434-21442.	3.1	14
7	Self-assembled monolayers of radical molecules physisorbed on HOPG(0001) substrate studied by scanning tunnelling microscopy and electron paramagnetic resonance techniques. Applied Surface Science, 2009, 255, 8769-8773.	6.1	11
8	Local electronic structure of stable monolayers of $\text{MoO}_3$ grown on graphite substrate. 2D Materials, 2021, 8, 025005.	4.4	10
9	Early oxidation stages of germanium substrate in the graphene/Ge(001) system. Carbon, 2019, 149, 290-296.	10.3	9
10	Electrochemical behaviour of gold modified with contaminated TMP amine adlayers studied by STM, CV, EPR. Applied Surface Science, 2009, 255, 3946-3952.	6.1	8
11	Adsorption and Light Emission of a Racemic Mixture of [7]thiaheterohelicene-2,13-carboxaldehyde on Au(111), Cu(001), and NiAl(110) Surfaces Investigated Using a Scanning Tunneling Microscope. Journal of Physical Chemistry C, 2021, 125, 9419-9427.	3.1	8
12	An ESN-STM spectrometer for single spin detection. Measurement: Journal of the International Measurement Confederation, 2010, 43, 1495-1502.	5.0	7
13	Work Function Tunability of Graphene with Thermally Evaporated Rhenium Heptoxide for Transparent Electrode Applications. Advanced Engineering Materials, 2020, 22, 1900955.	3.5	6
14	Study of stereochemical crystallization of racemic mixtures of [5] and [7]thiaheterohelicene molecules on Ag(111) surface by scanning tunneling microscopy and Raman scattering spectroscopy. Applied Surface Science, 2022, 589, 152860.	6.1	5
15	Alloying process at the interface of silver nanoparticles deposited on Au(111) substrate due to the high-temperature treatments. Journal of Alloys and Compounds, 2009, 481, 486-491.	5.5	4
16	Interactions of Ti and its oxides with selected surfaces: Si(100), HOPG(0001) and graphene/4H-SiC(0001). Surface and Coatings Technology, 2020, 397, 126033.	4.8	4
17	Anomalous hexagonal superstructure of aluminum oxide layer grown on NiAl(110) surface. Nanotechnology, 2016, 27, 455708.	2.6	3
18	STM induced modification of gold surface in the presence of TMP amine. Vacuum, 2008, 83, 419-422.	3.5	2

#	ARTICLE	IF	CITATIONS
19	Growth and structure of CrN nanoislands on Cu(001) studied by scanning tunneling microscopy and X-ray photoemission spectroscopy. <i>Thin Solid Films</i> , 2013, 531, 251-254.	1.8	1
20	Effect of surface tension on self-termination in Au tip fabrication for tip-enhanced Raman spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 098003.	1.5	1
21	Strain control in graphene on GaN nanowires: Towards pseudomagnetic field engineering. <i>Carbon</i> , 2022, 186, 128-140.	10.3	1
22	Fabrication and characterization of strain-driven self-assembled CrN nanoislands on Cu(001). <i>Journal of Applied Physics</i> , 2013, 113, 174309.	2.5	0