

# Frantisek Sutara

## List of Publications by Year in descending order

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39  
papers

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39  
docs citations

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times ranked

807  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerium oxide stoichiometry alteration via Sn deposition: Influence of temperature. Journal of Electron Spectroscopy and Related Phenomena, 2009, 169, 20-25.	1.7	111
2	Epitaxial growth of continuous CeO <sub>2</sub> (111) ultra-thin films on Cu(111). Thin Solid Films, 2008, 516, 6120-6124.	1.8	85
3	Core and Valence Band Photoemission Spectroscopy of Well-Ordered Ultrathin TiO <sub>x</sub> Films on Pt(111). Journal of Physical Chemistry C, 2007, 111, 869-876.	3.1	56
4	A photoemission study of the interaction of Ga with CeO <sub>2</sub> (111) thin films. Applied Surface Science, 2008, 254, 6860-6864.	6.1	44
5	Sn interaction with the CeO <sub>2</sub> (111) system: Bimetallic bonding and ceria reduction. Applied Surface Science, 2008, 254, 4375-4379.	6.1	42
6	Photoemission Spectroscopy Study of Cu/CeO <sub>2</sub> Systems: Cu/CeO <sub>2</sub> Nanosized Catalyst and CeO <sub>2</sub> (111)/Cu(111) Inverse Model Catalyst. Journal of Physical Chemistry C, 2008, 112, 3751-3758.	3.1	40
7	The adsorption of adenine on mineral surfaces: Iron pyrite and silicon dioxide. Surface Science, 2007, 601, 1973-1980.	1.9	27
8	Self-Assembled Carbon Nanotubes on Gold: Polarization-Modulated Infrared Reflection-Absorption Spectroscopy, High-Resolution X-ray Photoemission Spectroscopy, and Near-Edge X-ray Absorption Fine Structure Spectroscopy Study. Langmuir, 2008, 24, 3235-3243.	3.5	25
9	Interface termination and band alignment of epitaxially grown alumina films on Cu-Al alloy. Journal of Applied Physics, 2008, 103, 033707.	2.5	22
10	Electronic properties of Sn/Pd intermetallic compounds on Pd(110). Surface Science, 2005, 595, 138-150.	1.9	21
11	The interface structure and band alignment at alumina/Cu(Al) alloy interfaces: Influence of the crystallinity of alumina films. Applied Surface Science, 2010, 256, 3051-3057.	6.1	16
12	Activation of binary Zr-V non-evaporable getters: synchrotron radiation photoemission study. Applied Surface Science, 2005, 243, 106-112.	6.1	15
13	Guanine adsorption on the Cu(110) surface. Surface Science, 2011, 605, 361-365.	1.9	15
14	A resonant photoemission study of the Ce and Ce-oxide/Pd(111) interfaces. Surface Science, 2007, 601, 4958-4965.	1.9	12
15	The transition from the adsorbed state to a surface alloy in the Sn/Ni(111) system. Surface Science, 2006, 600, 4067-4071.	1.9	11
16	Surface characterization of activated Ti-Zr-V NEG coatings. Vacuum, 2009, 83, 824-827.	3.5	11
17	Low pressure oxidation of ordered Sn/Pd(110) surface alloys. Journal of Physics Condensed Matter, 2009, 21, 185011.	1.8	9
18	Structure and electronic properties of gold adsorbed on Ti(0001). Applied Surface Science, 2006, 252, 5428-5431.	6.1	7

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19	Refractory metal reactivity towards oxide surface: W/TiO <sub>2</sub> (1 1 0) case. Vacuum, 2007, 82, 146-149.	3.5	7
20	Nearly lattice-matched Zn <sub>1-z</sub> Cd <sub>z</sub> Se/Zn <sub>1-x</sub> Cd <sub>x</sub> Se/Zn <sub>1-y</sub> Mg <sub>y</sub> Se (z > x) quantum wells for yellow emission. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2016, 34, 041225.	1.2	7
21	The interfacial properties of MgCl <sub>2</sub> thin films grown on Si(111)7Å–7. Journal of Chemical Physics, 2008, 128, 104705.	3.0	6
22	Non-Destructive Depth Profiling of the Activated Ti-Zr-V Getter by Means of Excitation Energy Resolved Photoelectron Spectroscopy. Analytical Sciences, 2010, 26, 209-215.	1.6	5
23	Interaction of CO with Palladium Supported on Oxidized Tungsten. Journal of Physical Chemistry B, 2006, 110, 23837-23844.	2.6	3
24	Photoemission study of the (2Å–2) structure formed by H <sub>2</sub> O adsorption on the Zr(0001) surface. Surface Science, 2006, 600, 3581-3585.	1.9	3
25	Interaction of ethylene with palladium clusters supported on oxidised tungsten foil. Surface Science, 2007, 601, 3114-3124.	1.9	3
26	Core level photoemission and STM characterization of Ta/Si(111)-7Å–7 interfaces. Surface Science, 2009, 603, 469-476.	1.9	3
27	Interaction of oxygen with Au/Ti(0001) surface alloys studied by photoelectron spectroscopy. Journal of Physics Condensed Matter, 2010, 22, 265002.	1.8	3
28	A valence band photoemission study of Pb adsorption on Rh(1 0 0) and Rh(1 1 0). Surface Science, 2007, 601, 5673-5677.	1.9	2
29	Electronic exchanges between adsorbed Ni atoms and TiO <sub>2</sub> (110) surface evidenced by resonant photoemission. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 410-413.	1.7	2
30	Photoemission and LEED study of the Sn/Rh(111) surface—early oxidation steps and thermal stability. Journal of Physics Condensed Matter, 2012, 24, 015002.	1.8	2
31	Intra-atomic charge re-organization at the Pb—Si interface: Bonding mechanism at low coverage. Surface Science, 2009, 603, 2861-2869.	1.9	1
32	Influence of the composition profile in the excitonic emission of thin graded ZnCdSe quantum wells. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1787-1789.	0.8	1
33	Growth and Characterization of Type I Quantum Wells Based on ZnCdSe/ZnTe Type II Heterostructures Confined within ZnSe Barriers. Journal of Electronic Materials, 2018, 47, 4399-4403.	2.2	1
34	Observation of a non-constant Cd diffusion coefficient during the thermal annealing of Zn <sub>1-x</sub> Cd <sub>x</sub> Se quantum wells. Journal of Alloys and Compounds, 2020, 846, 155698.	5.5	1
35	Room-temperature Yellow Emission of a High Cd Content (x = 0.70), Highly Strained, Layer-by-Layer Grown Zn <sub>1-x</sub> Cd <sub>x</sub> Se/ZnSe Quantum Well. Physica Status Solidi (B): Basic Research, 0, , 2100574.	1.5	1
36	Surface alloying in the Sn/Ni(111) system studied by synchrotron radiation photoelectron valence band spectroscopy and ab-initio density of states calculations. Thin Solid Films, 2008, 516, 2962-2965.	1.8	0

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37	Photoluminescence properties of epitaxial asymmetric triple CdSe quantum wells. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2020, 38, 042202.	1.2	0
38	Submonolayer epitaxy growth of fractional monolayer CdSe/ZnSe quantum dots. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2020, 38, 032209.	1.2	0
39	Yellow to green Excitonic Emission of Nearly Lattice-Matched Zn Cd Se/Zn Cd Se/Zn Mg Se (z >x) Quantum Wells grown on GaAs(001). Journal of Crystal Growth, 2022, , 126767.	1.5	0