Miguel Ruiz Oses

List of Publications by Year
in descending order

24	545	567281 15	713466 21
papers	citations	h-index	g-index

24	24	24	874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of Inert, Polymer-Bonded Simulants for Explosives Detection Systems Based on Transmission X-ray. Molecules, 2019, 24, 4330.	3.8	5
2	Synchrotron x-ray study of a low roughness and high efficiency K₂CsSb photocathode during film growth. Journal Physics D: Applied Physics, 2017, 50, 205303.	2.8	15
3	False alarm rates of liquid explosives detection systems. Journal of Transportation Security, 2017, 10, 145-169.	1.4	5
4	Bi-alkali antimonide photocathode growth: An X-ray diffraction study. Journal of Applied Physics, 2016, 120, .	2.5	19
5	Carbon Dioxide Activation and Reaction Induced by Electron Transfer at an Oxideâ€“Metal Interface. Angewandte Chemie - International Edition, 2015, 54, 12484-12487.	13.8	80
6	Direct observation of bi-alkali antimonide photocathodes growth via in operando x-ray diffraction studies. APL Materials, 2014, 2, .	5.1	32
7	Metallic thin films on stepped surfaces: lateral scattering of quantum well states. New Journal of Physics, 2014, 16, 123025.	2.9	6
8	Study of bi-alkali photocathode growth on glass by X-ray techniques for fast timing response photomultipliers. Proceedings of SPIE, 2014, , .	0.8	1
9	Electron emission processes in photocathodes and dynodes. , 2014, , .		3
10	Bi-alkali antimonide photocathodes for high brightness accelerators. APL Materials, 2013, 1, .	5.1	46
11	Real time evolution of antimony deposition for high performance alkali photocathode development. Proceedings of SPIE, 2013, , .	0.8	1
12	Charge lifetime measurements at high average current using a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>CsSb</mml:mi></mml:math>photocathode inside a dc high voltage photogun. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	29
13	Revealing the Correlations between Growth Recipe and Microscopic Structure of Bi-alkali/Multi-alkali Photocathodes. Physics Procedia, 2012, 37, 765-772.	1.2	0
14	Balancing Intermolecular and Moleculeâ€“Substrate Interactions in Supramolecular Assemblies. Advanced Functional Materials, 2009, 19, 259-264.	14.9	56
15	Nonâ€Covalent Interactions in Supramolecular Assemblies Investigated with Electron Spectroscopies. ChemPhysChem, 2009, 10, 896-900.	2.1	21
16	Crystallographic and Electronic Structure of Self-Assembled DIP Monolayers on Au(111) Substrates. Journal of Physical Chemistry C, 2008, 112, 7168-7172.	3.1	39
17	Response to â€œComment on â€˜Electronic structure of C60 on Au(887)â€™ [J. Chem. Phys. 127, 067101 (2007)]â€. Journal of Chemical Physics, 2008, 128, 037101.	3.0	0
18	Spectroscopic Fingerprints of Amine and Imide Functional Groups in Selfâ€Assembled Monolayers. ChemPhysChem, 2007, 8, 1722-1726.	2.1	17

#	Article	IF	Citations
19	Self-Assembly of Heterogeneous Supramolecular Structures with Uniaxial Anisotropy. Journal of Physical Chemistry B, 2006, 110, 25573-25577.	2.6	56
20	Modelling nanostructures with vicinal surfaces. Journal of Physics Condensed Matter, 2006, 18, S27-S49.	1.8	28
21	Electronic structure of C60 on Au(887). Journal of Chemical Physics, 2006, 125, 144719.	3.0	36
22	Finite size effects in surface states of stepped Cu nanostripes. Physical Review B, 2005, 72, .	3.2	8
23	Scattering of Surface States at Step Edges in Nanostripe Arrays. Physical Review Letters, 2005, 95, 066805.	7.8	19
24	One-dimensional versus two-dimensional electronic states in vicinal surfaces. New Journal of Physics, 2005, 7, 101-101.	2.9	23