

# Fouad Maroun

## List of Publications by Year in descending order

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papers

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citations

933447

10  
h-index

752698

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g-index

20  
all docs

20  
docs citations

20  
times ranked

1132  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> monitoring of electric field effect on domain wall motion in Co ultrathin films in direct contact with an electrolyte. Applied Physics Letters, 2019, 115, .	3.3	7
2	Potential dependence of the structure and magnetism of electrodeposited Pd/Co/Au(111) layers. Journal of Electroanalytical Chemistry, 2018, 819, 322-330.	3.8	9
3	Electrochemical de-alloying in two dimensions: role of the local atomic environment. Nanoscale, 2016, 8, 13985-13996.	5.6	6
4	Influence of Potential on the Electrodeposition of Co on Au(111) by In Situ STM and Reflectivity Measurements. Journal of the Electrochemical Society, 2016, 163, D3062-D3068.	2.9	7
5	Film and Interface Atomic Structures of Electrodeposited Co/Au(111) Layers: An in Situ X-ray Scattering Study as a Function of the Surface Chemistry and the Electrochemical Potential. Journal of Physical Chemistry C, 2016, 120, 3360-3370.	3.1	10
6	Electrodeposition of Ag, Pd and Au on Ni monolayer islands on (1 $\bar{1}$ –1)-Au(111) by in-situ scanning tunneling microscopy. Electrochimica Acta, 2016, 197, 241-250.	5.2	9
7	In situ surface X-ray diffraction study of ultrathin epitaxial Co films on Au(111) in alkaline solution. Electrochimica Acta, 2016, 197, 273-281.	5.2	16
8	Influence of controlled surface oxidation on the magnetic anisotropy of Co ultrathin films. Applied Physics Letters, 2015, 106, .	3.3	27
9	Ni electrochemical epitaxy on unreconstructed Au(111): An in-situ STM study. Surface Science, 2015, 631, 135-140.	1.9	3
10	Probing the electrochemical interface with in situ magnetic characterizations: A case study of Co/Au(111) layers. Surface Science, 2015, 631, 88-95.	1.9	8
11	Electrodeposition of NiPd monolayer on Au(111): An in situ scanning tunneling microscopy study. Electrochimica Acta, 2013, 112, 824-830.	5.2	3
12	AuNi alloy monolayer films electrodeposited on Au(111): An in situ STM study. Surface Science, 2013, 607, 25-32.	1.9	7
13	Influence of the surface chemistry on the electric-field control of the magnetization of ultrathin films. Physical Review B, 2012, 86, .	3.2	24
14	Electrodeposited magnetic layers in the ultrathin limit. MRS Bulletin, 2010, 35, 761-770.	3.5	23
15	Selective Growth and Dissolution of Ni on a PdAu Bimetallic Surface by <i>In Situ</i> STM: Determining the Relative Adsorbate-Substrate Interaction Energy. Physical Review Letters, 2009, 102, 196101.	7.8	13
16	Magnetism of electrodeposited ultrathin layers: Challenges and opportunities. Surface Science, 2009, 603, 1831-1840.	1.9	25
17	Electrochemical growth of ultraflat Au(111) epitaxial buffer layers on H $\bar{1}$ Si(111). Applied Physics Letters, 2008, 93, .	3.3	38
18	Preparation, characterization and magneto-optical investigations of electrodeposited Co/Au films. Journal of Magnetism and Magnetic Materials, 2007, 315, 26-38.	2.3	18

#	ARTICLE	IF	CITATIONS
19	Metal electrodeposition on single crystal metal surfaces mechanisms, structure and applications. Current Opinion in Solid State and Materials Science, 2006, 10, 173-181.	11.5	51
20	The Role of Atomic Ensembles in the Reactivity of Bimetallic Electrocatalysts. Science, 2001, 293, 1811-1814.	12.6	439