

# Alaa El-Shafei

## List of Publications by Year in descending order

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29  
papers

799  
citations

687363

13  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalytic oxidation of methanol at a nickel hydroxide/glassy carbon modified electrode in alkaline medium. <i>Journal of Electroanalytical Chemistry</i> , 1999, 471, 89-95.	3.8	308
2	The use of water-soluble hydrazones as inhibitors for the corrosion of C-steel in acidic medium. <i>Materials Chemistry and Physics</i> , 2007, 105, 105-113.	4.0	67
3	Inhibitory effect of amino acids on Al pitting corrosion in 0.1m NaCl. <i>Journal of Applied Electrochemistry</i> , 1997, 27, 1075-1078.	2.9	66
4	The corrosion inhibition character of thiosemicarbazide and its derivatives for C-steel in hydrochloric acid solution. <i>Materials Chemistry and Physics</i> , 2001, 70, 175-180.	4.0	45
5	The role of indole and its derivatives in the pitting corrosion of Al in neutral chloride solution. <i>Corrosion Science</i> , 2004, 46, 579-590.	6.6	45
6	Ethanol oxidation at metal-zeolite-modified electrodes in alkaline medium. Part 2: palladium-zeolite-modified graphite electrode. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 185-190.	2.5	35
7	Electrochemical activity of Sn-modified Pt single crystal electrodes for ethanol oxidation. <i>Surface Science</i> , 2010, 604, 862-867.	1.9	33
8	Methanol Oxidation on Ru-Modified Preferentially Oriented Pt Electrodes in Acidic Medium. <i>Journal of the Electrochemical Society</i> , 2004, 151, F141.	2.9	32
9	Effect of some ad-atoms on the electrocatalytic oxidation of ethanol on a platinum electrode in alkaline medium. <i>Journal of Electroanalytical Chemistry</i> , 1992, 336, 73-83.	3.8	27
10	Catalytic influence of underpotentially deposited submonolayers of different metals in ethylene glycol oxidation on various noble metal electrodes in alkaline medium. <i>Journal of Power Sources</i> , 1993, 46, 17-27.	7.8	22
11	Irreversibly adsorbed silver on Pt(111) and transformation of the electroadsorption behaviour induced by thermal annealing. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 3777.	1.7	17
12	Cobalt(II), nickel(II), copper(II), zinc(II) and uranyl(VI) complexes of acetylacetone bis(4-phenylthiosemicarbazone). <i>Transition Metal Chemistry</i> , 1986, 11, 494-496.	1.4	16
13	Inhibitory Effect of some carbazides on corrosion of aluminium in hydrochloric acid and sodium hydroxide solutions. <i>Materialwissenschaft Und Werkstofftechnik</i> , 1995, 26, 342-346.	0.9	13
14	Hydrogen adsorption and zinc UPD for surface structures characterization of electrochemically oriented Pt electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1995, 380, 269-272.	3.8	10
15	Ethanol oxidation at metal-zeolite-modified electrodes in alkaline medium. Part-1: gold-zeolite-modified graphite electrode. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 601-607.	2.5	10
16	Corrosion inhibition of zinc in sodium sulphate solution using nonionic surfactants of tween series: Experimental and theoretical study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 694-700.	4.7	9
17	Electrocatalytic Oxidation of the Propanol Isomers on Platinum Ad-Atom Electrodes in Alkaline Medium. <i>Zeitschrift Fur Physikalische Chemie</i> , 1992, 177, 211-223.	2.8	8
18	Electrocatalytic oxidation of formic acid on Pt binary and ternary electrodes in H <sub>3</sub> PO <sub>4</sub> . <i>Journal of Electroanalytical Chemistry</i> , 1993, 362, 159-165.	3.8	7

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19	Observations on electrochemically oriented platinum surfaces. Journal of Electroanalytical Chemistry, 1994, 379, 247-252.	3.8	6
20	Borate adsorption at Pt(111) in acidic medium. Journal of Solid State Electrochemistry, 2006, 11, 430-433.	2.5	5
21	Zinc underpotential deposition at Pt(111) and Pt(110) under the influence of boric acid and chloride anions. Russian Journal of Electrochemistry, 2008, 44, 690-696.	0.9	5
22	Reactivity of the Pt/WO <sub>3</sub> /GC Electrode Towards Ethylene Glycol Oxidation in 0.1M H <sub>2</sub> SO <sub>4</sub> . Electroanalysis, 2011, 23, 1998-2006.	2.9	4
23	Electrocatalytic Oxidation of Ethylene Glycol at Pt/Nanosized MO <sub>x</sub> /GC Composite Electrodes: SnO <sub>2</sub> in Comparison to CeO <sub>2</sub> and WO <sub>3</sub> . Electroanalysis, 2014, 26, 632-638.	2.9	4
24	Calcination effect of nanosized ceria in ceria-platinum composite electrode for direct ethylene glycol oxidation. Applied Catalysis A: General, 2012, 421-422, 135-141.	4.3	3
25	Corrosion inhibition of iron by 1-benzylidene-4-Phenylthiosemicarbazone derivatives in acid solution. Materialwissenschaft Und Werkstofftechnik, 1997, 28, 439-443.	0.9	1
26	Preparation, Characterization and Electrochemical Behavior of Pd-Au Alloy Incorporated into Zeolites/Graphite Electrodes. Electroanalysis, 2014, 26, 1810-1815.	2.9	1
27	Methanol Oxidation at Electrochemically Oriented Platinum Electrodes in Acidic Medium. Zeitschrift Fur Physikalische Chemie, 1995, 190, 231-239.	2.8	0
28	On the Anomalous Behavior of Zn/Ni UPD at Pt(111) Single Crystalline Electrode in Borate Containing Solution. International Journal of Electrochemical Science, 2016, , 4724-4728.	1.3	0
29	Selective and Sensitive Electrochemical Sensor Based on Molecular Imprinting Strategy for Recognition and Quantification of Sofosbuvir in Real Samples. Arabian Journal for Science and Engineering, 0, , 1.	3.0	0