

# Roberto Marassi

## List of Publications by Year in descending order

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29  
papers

1,300  
citations

361413

20  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Charging, Countercation Accommodation, and Spectrochemical Identity of Microcrystalline Solid Cobalt Hexacyanoferrate. <i>Journal of Physical Chemistry B</i> , 1998, 102, 1870-1876.	2.6	147
2	Electrolyte-cation-dependent coloring, electrochromism and thermochromism of cobalt(II) hexacyanoferrate(III, II) films. <i>Journal of Electroanalytical Chemistry</i> , 1995, 397, 287-292.	3.8	102
3	Electroreduction of oxygen at polyoxometallate-modified glassy carbon-supported Pt nanoparticles. <i>Journal of Power Sources</i> , 2006, 159, 802-809.	7.8	87
4	Electrochemical preparation and characterization of electrodes modified with mixed hexacyanoferrates of nickel and palladium. <i>Journal of Electroanalytical Chemistry</i> , 2000, 487, 57-65.	3.8	83
5	High-performance Sn@carbon nanocomposite anode for lithium batteries. <i>Journal of Power Sources</i> , 2013, 226, 241-248.	7.8	83
6	Influence of experimental conditions on electrochemical behavior of Prussian blue type nickel hexacyanoferrate film. <i>Electrochimica Acta</i> , 2003, 48, 4261-4269.	5.2	81
7	Modification of Pt nanoparticles with polyoxometallate monolayers: Competition between activation and blocking of reactive sites for the electrocatalytic oxygen reduction. <i>Electrochimica Acta</i> , 2007, 52, 5574-5581.	5.2	79
8	Evidence of four-body contributions in the EXAFS spectrum of Na <sub>2</sub> Co[Fe(CN) <sub>6</sub> ]. <i>Chemical Physics Letters</i> , 1997, 275, 108-112.	2.6	68
9	Electrochromic features of hybrid films composed of polyaniline and metal hexacyanoferrate. <i>Electrochimica Acta</i> , 2001, 46, 4371-4378.	5.2	67
10	Spectroelectrochemical characterization of cobalt hexacyanoferrate films in potassium salt electrolyte. <i>Electrochimica Acta</i> , 1998, 43, 919-923.	5.2	61
11	High-stability graphene nano sheets/SnO <sub>2</sub> composite anode for lithium ion batteries. <i>Electrochimica Acta</i> , 2014, 137, 228-234.	5.2	51
12	Spectroelectrochemical identity of Prussian blue films in various electrolytes: comparison of time-derivative voltabsorptometric responses with conventional cyclic voltammetry. <i>Journal of Solid State Electrochemistry</i> , 1997, 1, 88-93.	2.5	44
13	Countercation intercalation and kinetics of charge transport during redox reactions of nickel hexacyanoferrate. <i>Electrochimica Acta</i> , 2004, 49, 4253-4258.	5.2	44
14	An XAS experimental approach to study low Pt content electrocatalysts operating in PEM fuel cells. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9987.	2.8	41
15	Enhancement of oxygen reduction by incorporation of heteropolytungstate into the electrocatalytic ink of carbon supported platinum nanoparticles. <i>Electrochimica Acta</i> , 2007, 52, 3958-3964.	5.2	38
16	Enhanced stability of SnSb/graphene anode through alternative binder and electrolyte additive for lithium ion batteries application. <i>Journal of Power Sources</i> , 2015, 294, 248-253.	7.8	38
17	Activation of carbon-supported platinum nanoparticles by zeolite-type cesium salts of polyoxometallates of molybdenum and tungsten towards more efficient electrocatalytic oxidation of methanol and ethanol. <i>Journal of Electroanalytical Chemistry</i> , 2010, 649, 238-247.	3.8	33
18	Preparation, spectroscopic characterization and electrochemical charging of the sodium-containing analogue of Prussian Blue. <i>Electrochimica Acta</i> , 1995, 40, 681-688.	5.2	30

#	ARTICLE	IF	CITATIONS
19	Oxidation of methanol at the network film of polyoxometallate-linked ruthenium-stabilized platinum nanoparticles. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 854-860.	2.5	25
20	Local Ordering Changes in Pt-Co Nanocatalyst Induced by Fuel Cell Working Conditions. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12791-12802.	3.1	25
21	Activation of methanol-tolerant carbon-supported RuSex electrocatalytic nanoparticles towards more efficient oxygen reduction. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 915-921.	2.5	19
22	IR Study of Ozone Modified Graphite Matrix. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 340, 331-336.	0.3	14
23	Rotating disk electrode study of Pt/Cs3HPMo11VO40 composite catalysts for performing and durable PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 11163-11173.	7.1	14
24	X-ray absorption spectroscopy study on the electrochemical reduction of Co((DO)(DOH)pn)Br2. <i>Electrochimica Acta</i> , 2000, 45, 4475-4482.	5.2	11
25	The Electrochemical Behavior of Bunte Salts. <i>Analytical Letters</i> , 1997, 30, 2391-2408.	1.8	5
26	High Energy and High Power Lithium-Ion Hybrid Supercapacitors with Prolonged Cycle Life Based on High-Rate Capability Materials: Li 4 Ti 5 O 12 , Activated Carbon, Li 3 V 1.95 Ni 0.05 (PO 4 ) 3 /C. <i>ChemElectroChem</i> , 2020, 7, 1631-1643.	3.4	4
27	Electrocatalytic properties of platinum nanocenters electrogenerated at ultra-trace levels within zeolitic phosphododecatungstate cesium salt matrices. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 2993-3001.	2.5	3
28	Nano-structured Pt embedded in acidic salts of heteropolymolybdate matrices: MS EXAFS study. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 364, 65-69.	1.4	2
29	Advanced XAS Analysis for Investigating Fuel Cell Electrocatalysts. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1