Milan M JakÅ¡iÄ

List of Publications by Year
in descending order

26 papers	767 citations	623734 14 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	692 citing authors

#	Article	IF	Citations
1	Primary Oxide Latent Storage and Spillover for Reversible Electrocatalysis in Oxygen and Hydrogen Electrode Reactions. Nanostructure Science and Technology, 2016, , 309-365.	0.1	0
2	Theory, Substantiation, and Properties of Novel Reversible Electrocatalysts for Oxygen Electrode Reactions. Journal of Physical Chemistry C, 2015, 119, 11267-11285.	3.1	13
3	Primary Oxide Latent Storage and Spillover Enabling Electrocatalysts with Reversible Oxygen Electrode Properties and the Alterpolar Revertible (PEMFC versus WE) Cell. Journal of Physical Chemistry C, 2014, 118, 8723-8746.	3.1	15
4	Spillover Phenomena in Electrocatalysis for Oxygen and Hydrogen Electrode Reactions. , 2013, , 175-212.		3
5	Volcanic periodicity plots along transition series, hypo-hyper-d-d-interelectronic correlations and electrocatalysis for hydrogen electrode reactions. Macedonian Journal of Chemistry and Chemical Engineering, 2012, 30, 3.	0.6	9
6	Spillover Phenomena and Its Striking Impacts in Electrocatalysis for Hydrogen and Oxygen Electrode Reactions. Advances in Physical Chemistry, 2011, 2011, 1-22.	2.0	21
7	Potentiodynamic estimation of key parametric criterions and interrelating reversible spillover effects for electrochemical promotion. Applied Catalysis A: General, 2010, 380, 1-14.	4.3	12
8	Novel Spillover Interrelating Reversible Electrocatalysts for Oxygen and Hydrogen Electrode Reactions. Journal of Physical Chemistry C, 2010, 114, 18298-18312.	3.1	47
9	Advances in interactive supported electrocatalysts for hydrogen and oxygen electrode reactions. Surface Science, 2007, 601, 1949-1966.	1.9	70
10	Spillover of primary oxides as a dynamic catalytic effect of interactive hypo-d-oxide supports. Electrochimica Acta, 2007, 53, 349-361.	5.2	60
11	Hypoâ€“hyper-d-electronic interactive nature of synergism in catalysis and electrocatalysis for hydrogen reactions. Electrochimica Acta, 2000, 45, 4085-4099.	5.2	100
12	Electrocatalysis for hydrogen electrode reactions in the light of fermi dynamics and structural bonding FACTORSâ€”I. individual electrocatalytic properties of transition metals. International Journal of Hydrogen Energy, 1998, 23, 1121-1156.	7.1	65
13	The Electrochemical Activation of Catalytic Reactions. Reviews of Physiology, Biochemistry and Pharmacology, 1996, , 57-202.	1.6	87
14	Fermi dynamics and some structural bonding aspects of electrocatalysis for hydrogen evolution. Electrochimica Acta, 1994, 39, 1695-1714.	5.2	28
15	Hydrodynamic effects on the macromorphology of electrodeposited zinc and flow visualization: The effect of neutral salts and electric field. Journal of Electroanalytical Chemistry, 1992, 328, 127-151.	3.8	5
16	Hydrodynamic flow visualization by an electrochemical method. Experimental Thermal and Fluid Science, 1991, 4, 56-75.	2.7	5
17	Hydrodynamic effects on the macromorphology of electrodeposited zinc and flow visualization. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 249, 63-88.	0.1	9
18	Hydrodynamic effects on the macromorphology of electrodeposited zinc and flow visualization. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 249, 35-62.	0.1	13

#	Article	IF	Citations
19	Hydrodynamic effects of surfactants on the macromorphology of electrodeposited zinc and flow visualization. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 243, 21-55.	0.1	7
20	Impurity effects on the macromorphology of electrodeposited zinc II. Causes, appearances and consequences of spongy zinc growth. Surface and Coatings Technology, 1986, 28, 113-127.	4.8	12
21	Advances in electrocatalysis for hydrogen evolution in the light of the Brewer-Engel valence-bond theory. Journal of Molecular Catalysis, 1986, 38, 161-202.	1.2	100
22	Impurity effects on the macromorphology of electrodeposited zinc I: Theoretical considerations and a review of existing knowledge. Surface Technology, 1985, 24, 193-217.	0.4	20
23	Synergetic electrocatalytic effect of d metals for the hydrogen evolution reaction on gold substrates. Surface Technology, 1984, 22, 51-59.	0.4	17
24	Mass transfer and optimization of faradaic yields in a chlorate cell process. Electrochimica Acta, 1976, 21, 1127-1136.	5.2	16
25	Mutual Effect of Current Density, pH, Temperature, and Hydrodynamic Factors on Current Efficiency in the Chlorate Cell Process. Journal of the Electrochemical Society, 1974, 121, 70.	2.9	30
26	Individual ionic activities and mass transfer in anodic chlorate formation. Journal of Applied Electrochemistry, 1973, 3, 307-314.	2.9	3