

Mira Josowicz

List of Publications by Year in descending order

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31
papers

1,198
citations

516710

16
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Sensors. <i>Analytical Chemistry</i> , 1998, 70, 179-208.	6.5	355
2	Polyaniline-Gold Nanocomposite System. <i>Journal of the Electrochemical Society</i> , 2003, 150, E384.	2.9	149
3	Electrochemical Formation of Au Clusters in Polyaniline. <i>Chemistry of Materials</i> , 1999, 11, 2989-2994.	6.7	116
4	Chemical Modulation of Work Function as a Transduction Mechanism for Chemical Sensors. <i>Accounts of Chemical Research</i> , 1998, 31, 241-248.	15.6	96
5	Reference Electrode for Ionic Liquids. <i>Electroanalysis</i> , 2006, 18, 405-409.	2.9	74
6	Organic semiconductors in potentiometric gas sensors. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 41-49.	2.5	62
7	Role of Protonic and Charge Transfer Doping in Solid-State Polyaniline. <i>Journal of Physical Chemistry B</i> , 2002, 106, 11457-11462.	2.6	41
8	Headspace Analysis of Engine Oil by Gas Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 1361-1365.	6.5	29
9	Chemical Effects in Organic Electronics. <i>Chemistry of Materials</i> , 2004, 16, 4728-4735.	6.7	27
10	Odd-Even Pattern Observed in Polyaniline/(Au ₀ –Au ₈) Composites. <i>Journal of the Electrochemical Society</i> , 2012, 159, P40-P43.	2.9	27
11	Polyaniline Doped with Atomic Gold. <i>Journal of the Electrochemical Society</i> , 2011, 158, E147.	2.9	23
12	Electrochemically Controlled Atom by Atom Deposition of Gold to Polyaniline. <i>Journal of the Electrochemical Society</i> , 2010, 157, P83.	2.9	22
13	Doping of Polyaniline in the Solid State with Photogenerated Triflic Acid. <i>Chemistry of Materials</i> , 2002, 14, 2782-2787.	6.7	19
14	Diagnosis of used engine oil based on gas phase analysis. <i>Analyst, The</i> , 2004, 129, 1070.	3.5	19
15	Structural, Electronic, and Morphological Changes in Poly(phenylenesulfide phenyleneamine) upon Electrochemical Doping. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2191-2196.	2.6	17
16	Design and Development of Amperometric Gas Sensor With Atomic Au–Polyaniline/Pt Composite. <i>IEEE Sensors Journal</i> , 2020, 20, 12479-12487.	4.7	17
17	Polyaniline-Supported Atomic Gold Electrodes: Comparison with Macro Electrodes. <i>Catalysis Letters</i> , 2012, 142, 1344-1351.	2.6	16
18	Effect of Structured Atomic Gold on Electrooxidation of Alcohols in Alkaline Medium. <i>Catalysis Letters</i> , 2013, 143, 777-782.	2.6	15

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19	Atomic Clusters of Pd and AuNPdM in Polyaniline. <i>Catalysis Letters</i> , 2013, 143, 531-538.	2.6	15
20	Polyaniline Electrodes Containing Tri-Atomic Au/Pd Clusters: Effect of Ordering. <i>Catalysis Letters</i> , 2013, 143, 1261-1265.	2.6	11
21	Polyaniline Electrodes with Atomic Au n Pd1 Alloys: Oxidation of Methanol and Ethanol. <i>Catalysis Letters</i> , 2013, 143, 636-641.	2.6	9
22	Label-Free Detection of DNA Hybridization by Cyclic Voltammetry. An Advanced Undergraduate Analytical Chemistry Laboratory Experiment. <i>Journal of Chemical Education</i> , 2006, 83, 1208.	2.3	7
23	Effects of Palladium(II) Chlorocomplex Speciation on the Controlled Interaction with a Polyaniline Film in Acid. <i>Langmuir</i> , 2017, 33, 11930-11935.	3.5	6
24	Preparation of a Carbon-Platinum-Polyaniline Support for Atomic Metal Deposition. <i>Journal of the Electrochemical Society</i> , 2015, 162, H423-H427.	2.9	5
25	Study of Selective Layer for HCN Sensing. <i>Electroanalysis</i> , 2007, 19, 37-42.	2.9	4
26	Voltammetric Label-Free Detection of DNA Hypermethylation Using Polypyrrole-Modified Microelectrode Array. <i>Electroanalysis</i> , 2019, 31, 1934-1942.	2.9	4
27	Quantized Electrodes: Atomic Palladium and Gold in Polyaniline. <i>ChemElectroChem</i> , 2021, 8, 1766-1774.	3.4	4
28	Magnetic quartz crystal microbalance: Magneto-acoustic parameters. <i>Journal of Applied Physics</i> , 2011, 110, 013905.	2.5	3
29	Voltammetric Application of Polypyrrole-Modified Microelectrode Array for the Characterization of DNA Methylation in Glutathione <i>S</i> -Transferase Pi 1. <i>Analytical Letters</i> , 2018, 51, 2614-2627.	1.8	3
30	Lewis Acid Based Sorption of Trace Amounts of RuCl ₃ by Polyaniline. <i>Langmuir</i> , 2016, 32, 8315-8321.	3.5	2
31	Field-Effect Transistors with Mixed Ionic-Electronic Gate. <i>Electroanalysis</i> , 2009, 21, 290-294.	2.9	1