Arantzazu Narvaez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11501140/publications.pdf

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12	440	1040056	1281871
papers	citations	9	11
		h-index	g-index

12	12	12	585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reagentless biosensors based on self-deposited redox polyelectrolyte-oxidoreductases architectures. Biosensors and Bioelectronics, 2000, 15, 43-52.	10.1	105
2	DNA-Directed Immobilization of Horseradish Peroxidaseâ€“DNA Conjugates on Microelectrode Arrays: Towards Electrochemical Screening of Enzyme Libraries. Chemistry - A European Journal, 2007, 13, 5223-5231.	3.3	70
3	Electrochemical DNA Sensors Based on Enzyme Dendritic Architectures:Â an Approach for Enhanced Sensitivity. Analytical Chemistry, 2004, 76, 3132-3138.	6.5	63
4	Electrocatalytic oxidation of NADH at graphite electrodes modified with osmium phenanthrolinedione. Journal of Electroanalytical Chemistry, 1999, 464, 208-214.	3.8	42
5	Reagentless amperometric glucose dehydrogenase biosensor based on electrocatalytic oxidation of NADH by osmium phenanthrolinedione mediator. Analyst, The, 1996, 121, 1891-1895.	3.5	37
6	Kynurenic Acid Levels are Increased in the CSF of Alzheimerâ€™s Disease Patients. Biomolecules, 2020, 10, 571.	4.0	37
7	A multianalyte flow electrochemical cell: application to the simultaneous determination of carbohydrates based on bioelectrocatalytic detection. Biosensors and Bioelectronics, 2005, 21, 774-781.	10.1	28
8	Enzyme-modified nanoparticles using biomimetically synthesized silica. Bioelectrochemistry, 2009, 76, 100-106.	4.6	25
9	Kinetic Analysis of Wired Enzyme Electrodes. Application to Horseradish Peroxidase Entrapped in a Redox Polymer Matrix. Journal of Physical Chemistry B, 2003, 107, 6629-6643.	2.6	24
10	Electrostatic Assemblies for Bioelectrocatalytic and Bioelectronic Applications. Electroanalysis, 2006, 18, 1871-1878.	2.9	6
11	Chapter 10 Non-affinity sensing technology: the exploitation of biocatalytic events for environmental analysis. Comprehensive Analytical Chemistry, 2005, , 429-537.	1.3	3
12	Catalytic and Affinity Amperometric Biosensors for Phenols, Phosphates, and Atrazine: How Transduction Can Improve Performance. Teubner-Reihe Umwelt, 1998, , 90-107.	0.1	0