

Galina Z Gayda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9103682/publications.pdf>

Version: 2024-02-01

31
papers

593
citations

777949

13
h-index

685536

24
g-index

31
all docs

31
docs citations

31
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanozymes with reductase-like activities: antioxidant properties and electrochemical behavior. RSC Advances, 2022, 12, 2026-2035.	1.7	4
2	Arginine-hydrolyzing enzymes for electrochemical biosensors. Current Opinion in Electrochemistry, 2022, 33, 100941.	2.5	2
3	Highly Sensitive Amperometric Biosensors Based on Oxidases and CuCe Nanoparticles Coupled with Porous Gold. , 2022, 16, .		0
4	Highly Porous 3D Gold Enhances Sensitivity of Amperometric Biosensors Based on Oxidases and CuCe Nanoparticles. Biosensors, 2022, 12, 472.	2.3	6
5	Extracellular laccase from Monilia fructicola : isolation, primary characterization and application. Cell Biology International, 2021, 45, 536-548.	1.4	10
6	Alcohol Oxidase from the Methylophilic Yeast Ogataea polymorpha: Isolation, Purification, and Bioanalytical Application. Methods in Molecular Biology, 2021, 2280, 231-248.	0.4	7
7	Peroxidase-Like Metal-Based Nanozymes: Synthesis, Catalytic Properties, and Analytical Application. Applied Sciences (Switzerland), 2021, 11, 777.	1.3	15
8	“Green” Prussian Blue Analogues as Peroxidase Mimetics for Amperometric Sensing and Biosensing. Biosensors, 2021, 11, 193.	2.3	8
9	Amperometric Biosensors for L-Arginine Determination Based on L-Arginine Oxidase and Peroxidase-Like Nanozymes. Applied Sciences (Switzerland), 2021, 11, 7024.	1.3	13
10	Highly Sensitive Amperometric Sensor Based on Laccase-Mimicking Metal-Based Hybrid Nanozymes for Adrenaline Analysis in Pharmaceuticals. Catalysts, 2021, 11, 1510.	1.6	5
11	Synthesis, Catalytic Properties and Application in Biosensors of Nanozymes and Electronanocatalysts: A Review. Sensors, 2020, 20, 4509.	2.1	61
12	Effective Technologies for Isolating Yeast Oxido-Reductases of Analytical Importance. , 2019, , 119-151.		0
13	Promising Bioanalytical Approaches to Wine Analysis. , 2019, , 419-457.		4
14	Amperometric biosensors based on oxidases and PtRu nanoparticles as artificial peroxidase. Food Chemistry, 2019, 285, 213-220.	4.2	42
15	Metallic Nanoparticles Obtained via “Green” Synthesis as a Platform for Biosensor Construction. Applied Sciences (Switzerland), 2019, 9, 720.	1.3	40
16	Fluorometric enzymatic assay of l-arginine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 170, 184-190.	2.0	12
17	Yeast-Based Systems for Environmental Control. , 2017, , 373-390.		0
18	Novel arginine deiminase-based method to assay l-arginine in beverages. Food Chemistry, 2016, 201, 320-326.	4.2	24

#	ARTICLE	IF	CITATIONS
19	Nanoparticles of Noble Metals as Effective Platforms for the Fabrication of Amperometric Biosensors on Hydrogen Peroxide. <i>Sensor Letters</i> , 2016, 14, 1169-1177.	0.4	3
20	ARGINASE-BASED AMPEROMETRIC BIOSENSOR FOR MANGANESE IONS ANALYSIS. <i>EUREKA Life Sciences</i> , 2016, 1, 22-28.	0.1	2
21	Detection of Waterborne and Airborne Formaldehyde: From Amperometric Chemosensing to a Visual Biosensor Based on Alcohol Oxidase. <i>Materials</i> , 2014, 7, 1055-1068.	1.3	18
22	Bi-enzyme l-arginine-selective amperometric biosensor based on ammonium-sensing polyaniline-modified electrode. <i>Biosensors and Bioelectronics</i> , 2012, 37, 46-52.	5.3	68
23	Recombinant human arginase I immobilized on gold and silver nanoparticles: preparation and properties. <i>Nanotechnology Development</i> , 2011, 1, 3.	0.6	12
24	Formaldehyde Oxidizing Enzymes and Genetically Modified Yeast <i>Hansenula polymorpha</i> Cells in Monitoring and Removal of Formaldehyde. , 2011, , .		4
25	Immobilized formaldehyde-metabolizing enzymes from <i>Hansenula polymorpha</i> for removal and control of airborne formaldehyde. <i>Journal of Biotechnology</i> , 2011, 153, 138-144.	1.9	18
26	Overexpression of pyruvate decarboxylase in the yeast <i>Hansenula polymorpha</i> results in increased ethanol yield in high-temperature fermentation of xylose. <i>FEMS Yeast Research</i> , 2008, 8, 1164-1174.	1.1	58
27	Reagentless amperometric formaldehyde-selective biosensors based on the recombinant yeast formaldehyde dehydrogenase. <i>Talanta</i> , 2008, 76, 837-846.	2.9	58
28	Bi-enzyme biosensor based on NAD ⁺ - and glutathione-dependent recombinant formaldehyde dehydrogenase and diaphorase for formaldehyde assay. <i>Sensors and Actuators B: Chemical</i> , 2007, 125, 1-9.	4.0	41
29	Formaldehyde dehydrogenase from the recombinant yeast <i>Hansenula polymorpha</i> : isolation and bioanalytic application. <i>FEMS Yeast Research</i> , 2007, 7, 1153-1159.	1.1	13
30	A novel l-lactate-selective biosensor based on flavocytochrome b2 from methylotrophic yeast <i>Hansenula polymorpha</i> . <i>Biosensors and Bioelectronics</i> , 2005, 20, 1285-1290.	5.3	43
31	“Green”-nanozymes: synthesis, characterization and application in amperometric (bio)sensors. , 0, , .		2