

Elba Mauriz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5487190/publications.pdf>

Version: 2024-02-01

29
papers

1,426
citations

430442

18
h-index

552369

26
g-index

32
all docs

32
docs citations

32
times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	The global regulator <i>LaeA</i> controls penicillin biosynthesis, pigmentation and sporulation, but not roquefortine C synthesis in <i>Penicillium chrysogenum</i> . <i>Biochimie</i> , 2009, 91, 214-225.	1.3	157
2	Real-time detection of chlorpyrifos at part per trillion levels in ground, surface and drinking water samples by a portable surface plasmon resonance immunosensor. <i>Analytica Chimica Acta</i> , 2006, 561, 40-47.	2.6	144
3	Determination of carbaryl in natural water samples by a surface plasmon resonance flow-through immunosensor. <i>Biosensors and Bioelectronics</i> , 2006, 21, 2129-2136.	5.3	127
4	Determination of environmental organic pollutants with a portable optical immunosensor. <i>Talanta</i> , 2006, 69, 359-364.	2.9	113
5	Multi-analyte SPR immunoassays for environmental biosensing of pesticides. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1449-1458.	1.9	102
6	Part per trillion determination of atrazine in natural water samples by a surface plasmon resonance immunosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 207-214.	1.9	97
7	Recent Progress in Plasmonic Biosensing Schemes for Virus Detection. <i>Sensors</i> , 2020, 20, 4745.	2.1	73
8	Optical immunosensor for fast and sensitive detection of DDT and related compounds in river water samples. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1410-1418.	5.3	72
9	Towards the design of universal immunosurfaces for SPR-based assays: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 79, 191-198.	5.8	65
10	Advances in nanoplasmonic biosensors for clinical applications. <i>Analyst</i> , The, 2019, 144, 7105-7129.	1.7	63
11	Proteolytic activity, mycotoxins and andrastin A in <i>Penicillium roqueforti</i> strains isolated from Cabrales, Valdeón and Bejes-Tresviso local varieties of blue-veined cheeses. <i>International Journal of Food Microbiology</i> , 2009, 136, 18-25.	2.1	62
12	Single and multi-analyte surface plasmon resonance assays for simultaneous detection of cholinesterase inhibiting pesticides. <i>Sensors and Actuators B: Chemical</i> , 2006, 118, 399-407.	4.0	58
13	Clinical Applications of Visual Plasmonic Colorimetric Sensing. <i>Sensors</i> , 2020, 20, 6214.	2.1	49
14	Post-translational enzyme modification by the phosphopantetheinyl transferase is required for lysine and penicillin biosynthesis but not for roquefortine or fatty acid formation in <i>Penicillium chrysogenum</i> . <i>Biochemical Journal</i> , 2008, 415, 317-324.	1.7	41
15	The heterotrimeric G α protein Pga1 regulates biosynthesis of penicillin, chrysogenin and roquefortine in <i>Penicillium chrysogenum</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 3567-3578.	0.7	37
16	Plasmonic Biosensors for Single-Molecule Biomedical Analysis. <i>Biosensors</i> , 2021, 11, 123.	2.3	30
17	On-line determination of 3,5,6-trichloro-2-pyridinol in human urine samples by surface plasmon resonance immunosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2757-2765.	1.9	24
18	Low-Fouling Substrates for Plasmonic Sensing of Circulating Biomarkers in Biological Fluids. <i>Biosensors</i> , 2020, 10, 63.	2.3	20

#	ARTICLE	IF	CITATIONS
19	Effect of Psychophysiological Stress and Socio-Emotional Competencies on the Clinical Performance of Nursing Students during a Simulation Practice. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5448.	1.2	19
20	Effects of dietary supplementation with lemon verbena extracts on serum inflammatory markers of multiple sclerosis patients. <i>Nutricion Hospitalaria</i> , 2014, 31, 764-71.	0.2	19
21	On-line surface plasmon resonance biosensing of vascular endothelial growth factor signaling in intact-human hepatoma cell lines. <i>Analyst, The</i> , 2014, 139, 1426.	1.7	17
22	Direct surface plasmon resonance immunosensing of pyraclostrobin residues in untreated fruit juices. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2877-86.	1.9	12
23	Effects of a low-fat diet with antioxidant supplementation on biochemical markers of multiple sclerosis long-term care residents. <i>Nutricion Hospitalaria</i> , 2013, 28, 2229-35.	0.2	12
24	Current Trends in SPR Biosensing of SARS-CoV-2 Entry Inhibitors. <i>Chemosensors</i> , 2021, 9, 330.	1.8	6
25	Effect of Facial Skin Temperature on the Perception of Anxiety: A Pilot Study. <i>Healthcare (Switzerland)</i> , 2020, 8, 206.	1.0	4
26	Safety Climate Assessment in Operating Room Nurses Through Safety Attitudes Questionnaire (SAQ). <i>Archives of Nursing Research</i> , 2018, 2, 1.	0.0	2
27	Análisis de la eficacia de la evaluación educativa en la valoración de competencias clínicas de estudiantes de enfermería. <i>Revista Infancia Educación Y Aprendizaje</i> , 2017, 3, 741.	0.1	0
28	Effectiveness of infrared thermography in monitoring ventilation performance during cardiopulmonary resuscitation training. , 2019, , .		0
29	Critical issues in clinical and biomedical applications of surface plasmon resonance sensing. <i>Comprehensive Analytical Chemistry</i> , 2021, 95, 339-401.	0.7	0