Miguel Ãngel GonzÃ¡lez-MartÃ-nez

List of Publications by Year
in descending order

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25 papers	694 citations	623734 14 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	770 citing authors

#	Article	IF	Citations
1	Development of a highly sensitive enzyme-linked immunosorbent assay for atrazine Performance evaluation by flow injection immunoassay. Analytica Chimica Acta, 1997, 347, 149-162.	5.4	90
2	Glyphosate Immunosensor. Application for Water and Soil Analysis. Analytical Chemistry, 2005, 77, 4219-4227.	6.5	79
3	On-line immunoanalysis for environmental pollutants: from batch assays to automated sensors. TrAC - Trends in Analytical Chemistry, 1999, 18, 204-218.	11.4	70
4	Optical immunosensors for environmental monitoring: How far have we come?. Analytical and Bioanalytical Chemistry, 2006, 387, 205-218.	3.7	70
5	Dual-Polarization Interferometry: A Novel Technique To Light up the Nanomolecular World. Chemical Reviews, 2015, 115, 265-294.	47.7	68
6	Development of an automated controlled-pore glass flow-through immunosensor for carbaryl. Analytica Chimica Acta, 1997, 347, 199-205.	5.4	36
7	A comparative study by the enzyme-linked immunofiltration asssay of solid phases used in the development of flow immunosensors. Journal of Immunological Methods, 1997, 208, 75-83.	1.4	25
8	An Immunosensor for the Automatic Determination of the Antifouling Agent Irgarol 1051 in Natural Waters. Environmental Science & Technology, 1998, 32, 3442-3447.	10.0	25
9	Comparison of Multianalyte Immunosensor Formats for On-Line Determination of Organic Compounds. Analytical Chemistry, 2001, 73, 4326-4332.	6.5	25
10	Immunosensor for trace determination of Irgarol 1051 in seawater using organic media. Analytica Chimica Acta, 1999, 387, 227-233.	5.4	24
11	Antibiotic immunosensing: Determination of sulfathiazole in water and honey. Talanta, 2010, 81, 1585-1592.	5.5	23
12	Rapid immunoanalytical method for the determination of atrazine residues in olive oil. Analytical and Bioanalytical Chemistry, 2004, 378, 484-489.	3.7	22
13	Immunosensors for pollutants working in organic media. Study of performances of different tracers with luminescent detection. Analytical and Bioanalytical Chemistry, 2006, 384, 1540-1547.	3.7	18
14	High density MicroArrays on Blu-ray discs for massive screening. Biosensors and Bioelectronics, 2014, 51, 109-114.	10.1	15
15	Thiol-click photochemistry for surface functionalization applied to optical biosensing. Analytica Chimica Acta, 2019, 1060, 103-113.	5.4	14
16	Analysis of Atrazine in Water and Vegetables Using Immunosensors Working in Organic Media. International Journal of Environmental Analytical Chemistry, 2003, 83, 633-642.	3.3	13
17	The Mediterranean Lifestyle and the Risk of Depression in Middle-Aged Adults. Journal of Nutrition, 2022, 152, 227-234.	2.9	12
18	Automated immunosensing system for 3,5,6-trichloro-2-pyridinol. Analytica Chimica Acta, 1999, 392, 113-123.	5.4	11

#	Article	IF	Citations
19	Direct and label-free monitoring oligonucleotide immobilization, non-specific binding and DNA biorecognition. Sensors and Actuators B: Chemical, 2014, 192, 221-228.	7.8	10
20	Immunoanalytical Technique: Enzyme-Linked Immunosorbent Assay (ELISA). , 2018, , 617-657.		10
21	INSEL: an in silico method for optimizing and exploring biorecognition assays. Chemical Communications, 2013, 49, 10868.	4.1	9
22	Advanced Homogeneousâ^'Heterogeneous Immunosensing Format Employing Restricted Access Supports. Analytical Chemistry, 2007, 79, 9331-9339.	6.5	7
23	Improvement of a pesticide immunosensor performance using site-directed antibody immobilisation and carbon nanotubes. International Journal of Nanotechnology, 2013, 10, 496.	0.2	7
24	Modeling of the Role of Conformational Dynamics in Kinetics of the Antigenâ€"Antibody Interaction in Heterogeneous Phase. Journal of Physical Chemistry B, 2012, 116, 5679-5688.	2.6	6
25	A Label-Free Interdigitated Microelectrodes Immunosensor for Pesticide Detection. Sensor Letters, 2011, 9, 2203-2206.	0.4	5