

# Miguel Ángel González-Martínez

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The Mediterranean Lifestyle and the Risk of Depression in Middle-Aged Adults. <i>Journal of Nutrition</i> , 2022, 152, 227-234.	2.9	12
2	Thiol-click photochemistry for surface functionalization applied to optical biosensing. <i>Analytica Chimica Acta</i> , 2019, 1060, 103-113.	5.4	14
3	Immunoanalytical Technique: Enzyme-Linked Immunosorbent Assay (ELISA). , 2018, , 617-657.		10
4	Dual-Polarization Interferometry: A Novel Technique To Light up the Nanomolecular World. <i>Chemical Reviews</i> , 2015, 115, 265-294.	47.7	68
5	Direct and label-free monitoring oligonucleotide immobilization, non-specific binding and DNA biorecognition. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 221-228.	7.8	10
6	High density MicroArrays on Blu-ray discs for massive screening. <i>Biosensors and Bioelectronics</i> , 2014, 51, 109-114.	10.1	15
7	INSEL: an in silico method for optimizing and exploring biorecognition assays. <i>Chemical Communications</i> , 2013, 49, 10868.	4.1	9
8	Improvement of a pesticide immunosensor performance using site-directed antibody immobilisation and carbon nanotubes. <i>International Journal of Nanotechnology</i> , 2013, 10, 496.	0.2	7
9	Modeling of the Role of Conformational Dynamics in Kinetics of the Antigen-€"Antibody Interaction in Heterogeneous Phase. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5679-5688.	2.6	6
10	A Label-Free Interdigitated Microelectrodes Immunosensor for Pesticide Detection. <i>Sensor Letters</i> , 2011, 9, 2203-2206.	0.4	5
11	Antibiotic immunosensing: Determination of sulfathiazole in water and honey. <i>Talanta</i> , 2010, 81, 1585-1592.	5.5	23
12	Advanced Homogeneous-€"Heterogeneous Immunosensing Format Employing Restricted Access Supports. <i>Analytical Chemistry</i> , 2007, 79, 9331-9339.	6.5	7
13	Immunosensors for pollutants working in organic media. Study of performances of different tracers with luminescent detection. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1540-1547.	3.7	18
14	Optical immunosensors for environmental monitoring: How far have we come?. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 387, 205-218.	3.7	70
15	Glyphosate Immunosensor. Application for Water and Soil Analysis. <i>Analytical Chemistry</i> , 2005, 77, 4219-4227.	6.5	79
16	Rapid immunoanalytical method for the determination of atrazine residues in olive oil. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 484-489.	3.7	22
17	Analysis of Atrazine in Water and Vegetables Using Immunosensors Working in Organic Media. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 633-642.	3.3	13
18	Comparison of Multianalyte Immunosensor Formats for On-Line Determination of Organic Compounds. <i>Analytical Chemistry</i> , 2001, 73, 4326-4332.	6.5	25

#	ARTICLE	IF	CITATIONS
19	On-line immunoanalysis for environmental pollutants: from batch assays to automated sensors. TrAC - Trends in Analytical Chemistry, 1999, 18, 204-218.	11.4	70
20	Immunosensor for trace determination of Irgarol 1051 in seawater using organic media. Analytica Chimica Acta, 1999, 387, 227-233.	5.4	24
21	Automated immunosensing system for 3,5,6-trichloro-2-pyridinol. Analytica Chimica Acta, 1999, 392, 113-123.	5.4	11
22	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
23	A comparative study by the enzyme-linked immunofiltration assay of solid phases used in the development of flow immunosensors. Journal of Immunological Methods, 1997, 208, 75-83.	1.4	25
24	Development of an automated controlled-pore glass flow-through immunosensor for carbaryl. Analytica Chimica Acta, 1997, 347, 199-205.	5.4	36
25	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