Juan J Manclus

List of Publications by Year
in descending order

37 papers	1,356 citations	331670 21 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	1182 citing authors

#	Article	IF	Citations
1	Real-time detection of chlorpyrifos at part per trillion levels in ground, surface and drinking water samples by a portable surface plasmon resonance immunosensor. Analytica Chimica Acta, 2006, 561, 40-47.	5.4	144
2	A piezoelectric immunosensor for the determination of pesticide residues and metabolites in fruit juices. Talanta, 2009, 78, 827-833.	5.5	114
3	Multi-analyte SPR immunoassays for environmental biosensing of pesticides. Analytical and Bioanalytical Chemistry, 2007, 387, 1449-1458.	3.7	102
4	Porcine Parvovirus: DNA Sequence and Genome Organization. Journal of General Virology, 1989, 70, 2541-2553.	2.9	72
5	Optical immunosensor for fast and sensitive detection of DDT and related compounds in river water samples. Biosensors and Bioelectronics, 2007, 22, 1410-1418.	10.1	72
6	Development of Enzyme-Linked Immunosorbent Assays for the Insecticide Chlorpyrifos. 1. Monoclonal Antibody Production and Immunoassay Design. Journal of Agricultural and Food Chemistry, 1996, 44, 4052-4062.	5.2	65
7	Single and multi-analyte surface plasmon resonance assays for simultaneous detection of cholinesterase inhibiting pesticides. Sensors and Actuators B: Chemical, 2006, 118, 399-407.	7.8	58
8	Development of chemiluminescent ELISAs to DDT and its metabolites in food and environmental samples. Journal of Immunological Methods, 2003, 283, 45-57.	1.4	57
9	Sub- and supercritical fluid extraction of trichloropyridinol from soil prior to immunoassay. Journal of Chromatography A, 1997, 785, 329-336.	3.7	51
10	Development of Monoclonal Immunoassays for the Determination of Triazole Fungicides in Fruit Juices. Journal of Agricultural and Food Chemistry, 2008, 56, 8793-8800.	5.2	51
11	High-frequency phase shift measurement greatly enhances the sensitivity of QCM immunosensors. Biosensors and Bioelectronics, 2015, 65, 1-8.	10.1	51
12	Development of Enzyme-Linked Immunosorbent Assays for the Insecticide Chlorpyrifos. 2. Assay Optimization and Application to Environmental Waters. Journal of Agricultural and Food Chemistry, 1996, 44, 4063-4070.	5.2	50
13	Development of immunoassays for the analysis of chlorpyrifos and its major metabolite 3,5,6-trichloro-2-pyridinol in the aquatic environment. Analytica Chimica Acta, 1995, 311, 341-348.	5.4	45
14	Hapten Synthesis and Production of Monoclonal Antibodies to DDT and Related Compounds. Journal of Agricultural and Food Chemistry, 1997, 45, 3694-3702.	5.2	43
15	Rapid detection and counting of viable beer-spoilage lactic acid bacteria using a monoclonal chemiluminescence enzyme immunoassay and a CCD camera. Journal of Immunological Methods, 2005, 303, 92-104.	1.4	41
16	Development of an Enzyme-Linked Immunosorbent Assay for 3,5,6-Trichloro-2-pyridinol. 2. Assay Optimization and Application to Environmental Water Samples. Journal of Agricultural and Food Chemistry, 1996, 44, 3710-3716.	5.2	37
17	Development of a Chlorpyrifos Immunoassay Using Antibodies Obtained from a Simple Hapten Design. Journal of Agricultural and Food Chemistry, 1994, 42, 1257-1260.	5.2	33
18	Development of an Enzyme-Linked Immunosorbent Assay for 3,5,6-Trichloro-2-pyridinol. 1. Production and Characterization of Monoclonal Antibodies. Journal of Agricultural and Food Chemistry, 1996, 44, 3703-3709.	5.2	29

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19	Determination of Thiabendazole in Fruit Juices by a New Monoclonal Enzyme Immunoassay. Journal of AOAC INTERNATIONAL, 2001, 84, 156-161.	1.5	28
20	Development of a Monoclonal Immunoassay Selective for Chlorinated Cyclodiene Insecticides. Journal of Agricultural and Food Chemistry, 2004, 52, 2776-2784.	5.2	25
21	On-line determination of 3,5,6-trichloro-2-pyridinol in human urine samples by surface plasmon resonance immunosensing. Analytical and Bioanalytical Chemistry, 2007, 387, 2757-2765.	3.7	24
22	FLUORESCENCE POLARIZATION IMMUNOASSAY FOR THE INSECTICIDE DDT AND ITS METABOLITES. Analytical Letters, 2002, 35, 1835-1850.	1.8	21
23	Development and application of recombinant antibody-based immunoassays to tetraconazole residue analysis in fruit juices. Food Chemistry, 2014, 143, 205-213.	8.2	18
24	Robotic sample pretreatment-immunoassay determination of chlorpyrifos metabolite (TCP) in soil and fruit. Talanta, 1997, 45, 371-377.	5.5	17
25	Application of a monoclonal-based immunoassay for the determination of imazalil in fruit juices. Food Additives and Contaminants, 2007, 24, 704-712.	2.0	13
26	Real-time monitoring of fenitrothion in water samples using a silicon nanophotonic biosensor. Analytica Chimica Acta, 2021, 1152, 338276.	5.4	13
27	Analysis of Chlorpyrifos in Water, Fruit Juice, and Honeybee Extract by Chemiluminescent Elisa. Analytical Letters, 2008, 41, 2539-2553.	1.8	12
28	Automated immunosensing system for 3,5,6-trichloro-2-pyridinol. Analytica Chimica Acta, 1999, 392, 113-123.	5.4	11
29	Fluorescence polarization immunoassay for rapid screening of the pesticides thiabendazole and tetraconazole in wheat. Analytical and Bioanalytical Chemistry, 2018, 410, 6923-6934.	3.7	11
30	Comparative Study of Monoclonal and Recombinant Antibody-Based Immunoassays for Fungicide Analysis in Fruit Juices. Food Analytical Methods, 2014, 7, 481-489.	2.6	9
31	Construction of an infectious genomic clone of porcine parvovirus: Effect of the 5â€²-end on DNA replication. Virology, 1990, 177, 764-767.	2.4	7
32	Comparison of a monoclonal antibody-based enzyme-linked immunosorbent assay and gas chromatography for the determination of nicotine in cigarette smoke condensates. Analytical Chemistry, 1993, 65, 3227-3231.	6.5	7
33	A Paramagnetic Particle-Based Enzyme-Linked Immunosorbent Assay for the Quantitative Determination of 3,5,6-Trichloro-2-pyridinol in Water. ACS Symposium Series, 1997, , 261-270.	0.5	6
34	Nitrate reductase isozymes in Bradyrhizobium sp. (Lupinus) bacteroids: localisation, biochemical and kinetic characteristics. Journal of Plant Physiology, 2002, 159, 525-533.	3.5	5
35	Validation of an immunoassay for fast screening of bisphenol A in canned vegetables. Analytical Methods, 2013, 5, 4244.	2.7	5
36	Development of monoclonal antibody-based immunoassays for the analysis of bisphenol A in canned vegetables. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2011, 46, 509-17.	1.5	5

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37	Electrochemical assays based on enzyme-electrode systems to determine glycerol and propylene glycol in tobacco casing. Sensors and Actuators B: Chemical, 1993, 16, 429-434.	7.8	4