

Juan J Manclus

List of Publications by Year in descending order

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37
papers

1,356
citations

331259

21
h-index

329751

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. <i>Analytica Chimica Acta</i> , 2006, 561, 40-47.	2.6	144
2	A piezoelectric immunosensor for the determination of pesticide residues and metabolites in fruit juices. <i>Talanta</i> , 2009, 78, 827-833.	2.9	114
3	Multi-analyte SPR immunoassays for environmental biosensing of pesticides. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1449-1458.	1.9	102
4	Porcine Parvovirus: DNA Sequence and Genome Organization. <i>Journal of General Virology</i> , 1989, 70, 2541-2553.	1.3	72
5	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
6	Development of Enzyme-Linked Immunosorbent Assays for the Insecticide Chlorpyrifos. 1. Monoclonal Antibody Production and Immunoassay Design. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 4052-4062.	2.4	65
7	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
8	Development of chemiluminescent ELISAs to DDT and its metabolites in food and environmental samples. <i>Journal of Immunological Methods</i> , 2003, 283, 45-57.	0.6	57
9	Sub- and supercritical fluid extraction of trichloropyridinol from soil prior to immunoassay. <i>Journal of Chromatography A</i> , 1997, 785, 329-336.	1.8	51
10	Development of Monoclonal Immunoassays for the Determination of Triazole Fungicides in Fruit Juices. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 8793-8800.	2.4	51
11	High-frequency phase shift measurement greatly enhances the sensitivity of QCM immunosensors. <i>Biosensors and Bioelectronics</i> , 2015, 65, 1-8.	5.3	51
12	Development of Enzyme-Linked Immunosorbent Assays for the Insecticide Chlorpyrifos. 2. Assay Optimization and Application to Environmental Waters. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 4063-4070.	2.4	50
13	Development of immunoassays for the analysis of chlorpyrifos and its major metabolite 3,5,6-trichloro-2-pyridinol in the aquatic environment. <i>Analytica Chimica Acta</i> , 1995, 311, 341-348.	2.6	45
14	Hapten Synthesis and Production of Monoclonal Antibodies to DDT and Related Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 3694-3702.	2.4	43
15	Rapid detection and counting of viable beer-spoilage lactic acid bacteria using a monoclonal chemiluminescence enzyme immunoassay and a CCD camera. <i>Journal of Immunological Methods</i> , 2005, 303, 92-104.	0.6	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. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 3710-3716.	2.4	37
17	Development of a Chlorpyrifos Immunoassay Using Antibodies Obtained from a Simple Hapten Design. <i>Journal of Agricultural and Food Chemistry</i> , 1994, 42, 1257-1260.	2.4	33
18	Development of an Enzyme-Linked Immunosorbent Assay for 3,5,6-Trichloro-2-pyridinol. 1. Production and Characterization of Monoclonal Antibodies. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 3703-3709.	2.4	29

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19	Determination of Thiabendazole in Fruit Juices by a New Monoclonal Enzyme Immunoassay. <i>Journal of AOAC INTERNATIONAL</i> , 2001, 84, 156-161.	0.7	28
20	Development of a Monoclonal Immunoassay Selective for Chlorinated Cyclodiene Insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2776-2784.	2.4	25
21	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
22	FLUORESCENCE POLARIZATION IMMUNOASSAY FOR THE INSECTICIDE DDT AND ITS METABOLITES. <i>Analytical Letters</i> , 2002, 35, 1835-1850.	1.0	21
23	Development and application of recombinant antibody-based immunoassays to tetraconazole residue analysis in fruit juices. <i>Food Chemistry</i> , 2014, 143, 205-213.	4.2	18
24	Robotic sample pretreatment-immunoassay determination of chlorpyrifos metabolite (TCP) in soil and fruit. <i>Talanta</i> , 1997, 45, 371-377.	2.9	17
25	Application of a monoclonal-based immunoassay for the determination of imazalil in fruit juices. <i>Food Additives and Contaminants</i> , 2007, 24, 704-712.	2.0	13
26	Real-time monitoring of fenitrothion in water samples using a silicon nanophotonic biosensor. <i>Analytica Chimica Acta</i> , 2021, 1152, 338276.	2.6	13
27	Analysis of Chlorpyrifos in Water, Fruit Juice, and Honeybee Extract by Chemiluminescent Elisa. <i>Analytical Letters</i> , 2008, 41, 2539-2553.	1.0	12
28	Automated immunosensing system for 3,5,6-trichloro-2-pyridinol. <i>Analytica Chimica Acta</i> , 1999, 392, 113-123.	2.6	11
29	Fluorescence polarization immunoassay for rapid screening of the pesticides thiabendazole and tetraconazole in wheat. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6923-6934.	1.9	11
30	Comparative Study of Monoclonal and Recombinant Antibody-Based Immunoassays for Fungicide Analysis in Fruit Juices. <i>Food Analytical Methods</i> , 2014, 7, 481-489.	1.3	9
31	Construction of an infectious genomic clone of porcine parvovirus: Effect of the 5' end on DNA replication. <i>Virology</i> , 1990, 177, 764-767.	1.1	7
32	Comparison of a monoclonal antibody-based enzyme-linked immunosorbent assay and gas chromatography for the determination of nicotine in cigarette smoke condensates. <i>Analytical Chemistry</i> , 1993, 65, 3227-3231.	3.2	7
33	A Paramagnetic Particle-Based Enzyme-Linked Immunosorbent Assay for the Quantitative Determination of 3,5,6-Trichloro-2-pyridinol in Water. <i>ACS Symposium Series</i> , 1997, , 261-270.	0.5	6
34	Nitrate reductase isozymes in <i>Bradyrhizobium</i> sp. (<i>Lupinus</i>) bacteroids: localisation, biochemical and kinetic characteristics. <i>Journal of Plant Physiology</i> , 2002, 159, 525-533.	1.6	5
35	Validation of an immunoassay for fast screening of bisphenol A in canned vegetables. <i>Analytical Methods</i> , 2013, 5, 4244.	1.3	5
36	Development of monoclonal antibody-based immunoassays for the analysis of bisphenol A in canned vegetables. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2011, 46, 509-17.	0.7	5

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37	Electrochemical assays based on enzyme-electrode systems to determine glycerol and propylene glycol in tobacco casing. <i>Sensors and Actuators B: Chemical</i> , 1993, 16, 429-434.	4.0	4