

Juan J Manclus

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37
papers

1,173
citations

20
h-index

34
g-index

37
ext. papers

1,242
ext. citations

5.2
avg, IF

3.73
L-index

#	Paper	IF	Citations
37	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	6.6	129
36	A piezoelectric immunosensor for the determination of pesticide residues and metabolites in fruit juices. <i>Talanta</i> , 2009 , 78, 827-33	6.2	103
35	Multi-analyte SPR immunoassays for environmental biosensing of pesticides. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 1449-58	4.4	86
34	Optical immunosensor for fast and sensitive detection of DDT and related compounds in river water samples. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 1410-8	11.8	63
33	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	5.7	60
32	Porcine parvovirus: DNA sequence and genome organization. <i>Journal of General Virology</i> , 1989 , 70 (Pt 10), 2541-53	4.9	60
31	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	8.5	52
30	Development of chemiluminescent ELISAs to DDT and its metabolites in food and environmental samples. <i>Journal of Immunological Methods</i> , 2003 , 283, 45-57	2.5	49
29	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	5.7	49
28	Sub- and supercritical fluid extraction of trichloropyridinol from soil prior to immunoassay. <i>Journal of Chromatography A</i> , 1997 , 785, 329-36	4.5	45
27	Development of monoclonal immunoassays for the determination of triazole fungicides in fruit juices. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 8793-800	5.7	43
26	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	6.6	41
25	High-frequency phase shift measurement greatly enhances the sensitivity of QCM immunosensors. <i>Biosensors and Bioelectronics</i> , 2015 , 65, 1-8	11.8	39
24	Hapten Synthesis and Production of Monoclonal Antibodies to DDT and Related Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 3694-3702	5.7	37
23	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	2.5	37
22	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	5.7	35
21	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	5.7	30

20	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	5.7	26
19	Determination of Thiabendazole in Fruit Juices by a New Monoclonal Enzyme Immunoassay. <i>Journal of AOAC INTERNATIONAL</i> , 2001 , 84, 156-161	1.7	24
18	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, 2757-65	4.4	20
17	Development of a monoclonal immunoassay selective for chlorinated cyclodiene insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2776-84	5.7	20
16	FLUORESCENCE POLARIZATION IMMUNOASSAY FOR THE INSECTICIDE DDT AND ITS METABOLITES. <i>Analytical Letters</i> , 2002 , 35, 1835-1850	2.2	19
15	Robotic sample pretreatment-immunoassay determination of chlorpyrifos metabolite (TCP) in soil and fruit. <i>Talanta</i> , 1997 , 45, 371-7	6.2	13
14	Development and application of recombinant antibody-based immunoassays to tetraconazole residue analysis in fruit juices. <i>Food Chemistry</i> , 2014 , 143, 205-13	8.5	10
13	Analysis of Chlorpyrifos in Water, Fruit Juice, and Honeybee Extract by Chemiluminescent Elisa. <i>Analytical Letters</i> , 2008 , 41, 2539-2553	2.2	10
12	Application of a monoclonal-based immunoassay for the determination of imazalil in fruit juices. <i>Food Additives and Contaminants</i> , 2007 , 24, 704-12		10
11	Automated immunosensing system for 3,5,6-trichloro-2-pyridinol: Application to surface water samples. <i>Analytica Chimica Acta</i> , 1999 , 392, 113-123	6.6	10
10	Fluorescence polarization immunoassay for rapid screening of the pesticides thiabendazole and tetraconazole in wheat. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 6923-6934	4.4	9
9	Comparative Study of Monoclonal and Recombinant Antibody-Based Immunoassays for Fungicide Analysis in Fruit Juices. <i>Food Analytical Methods</i> , 2014 , 7, 481-489	3.4	9
8	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, 3227-31	7.8	7
7	Construction of an infectious genomic clone of porcine parvovirus: effect of the 5' end on DNA replication. <i>Virology</i> , 1990 , 177, 764-7	3.6	7
6	Validation of an immunoassay for fast screening of bisphenol A in canned vegetables. <i>Analytical Methods</i> , 2013 , 5, 4244	3.2	5
5	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	8.5	4
4	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	2.2	4
3	Real-time monitoring of fenitrothion in water samples using a silicon nanophotonic biosensor. <i>Analytica Chimica Acta</i> , 2021 , 1152, 338276	6.6	4

2	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	0.4	2
1	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	3.6	2