

Damiano G Mita

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

1,846
citations

26
h-index

40
g-index

65
ext. papers

2,048
ext. citations

5.2
avg. IF

4.13
L-index

#	Paper	IF	Citations
64	A thionine-modified carbon paste amperometric biosensor for catechol and bisphenol A determination. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 2003-8	11.8	117
63	Enzymatic determination of BPA by means of tyrosinase immobilized on different carbon carriers. <i>Biosensors and Bioelectronics</i> , 2007 , 23, 60-5	11.8	114
62	Biodegradation of bisphenols with immobilized laccase or tyrosinase on polyacrylonitrile beads. <i>Biodegradation</i> , 2011 , 22, 673-83	4.1	107
61	Pre-natal exposure of mice to bisphenol A elicits an endometriosis-like phenotype in female offspring. <i>General and Comparative Endocrinology</i> , 2010 , 168, 318-25	3	88
60	Enzymatic removal of estrogenic activity of nonylphenol and octylphenol aqueous solutions by immobilized laccase from <i>Trametes versicolor</i> . <i>Journal of Hazardous Materials</i> , 2013 , 248-249, 337-46	12.8	65
59	Bisphenol A content in fish caught in two different sites of the Tyrrhenian Sea (Italy). <i>Chemosphere</i> , 2011 , 82, 405-10	8.4	60
58	Laccase treatment impairs bisphenol A-induced cancer cell proliferation affecting estrogen receptor alpha-dependent rapid signals. <i>IUBMB Life</i> , 2008 , 60, 843-52	4.7	59
57	Curcumin loaded PLGA-poloxamer blend nanoparticles induce cell cycle arrest in mesothelioma cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 93, 37-45	5.7	56
56	Occurrence of Bisphenol A and its analogues in some foodstuff marketed in Europe. <i>Food and Chemical Toxicology</i> , 2019 , 131, 110575	4.7	54
55	Xenobiotic-contaminated diets affect hepatic lipid metabolism: Implications for liver steatosis in <i>Sparus aurata</i> juveniles. <i>Aquatic Toxicology</i> , 2015 , 167, 257-64	5.1	53
54	Migration of bisphenol A into canned tomatoes produced in Italy: dependence on temperature and storage conditions. <i>Food Chemistry</i> , 2014 , 160, 157-64	8.5	49
53	Enzyme distribution and secondary structure of sol-gel immobilized glucose oxidase by micro-attenuated total reflection FT-IR spectroscopy. <i>Materials Science and Engineering C</i> , 2013 , 33, 304-10	8.3	47
52	Effects of some endocrine disruptors on cell cycle progression and murine dendritic cell differentiation. <i>General and Comparative Endocrinology</i> , 2012 , 178, 54-63	3	46
51	An acetylcholinesterase biosensor for determination of low concentrations of Paraoxon and Dichlorvos. <i>New Biotechnology</i> , 2011 , 29, 132-8	6.4	46
50	Effect of molecular confinement on internal enzyme dynamics: frequency domain fluorometry and molecular dynamics simulation studies. <i>Biopolymers</i> , 2002 , 67, 85-95	2.2	42
49	Fiber-optic glucose biosensor based on glucose oxidase immobilised in a silica gel matrix. <i>Journal of Sol-Gel Science and Technology</i> , 2009 , 50, 437-448	2.3	41
48	Visible micro-Raman spectroscopy for determining glucose content in beverage industry. <i>Food Chemistry</i> , 2011 , 127, 735-42	8.5	40

47	Thermodialysis of non-ideal aqueous solutions. An experimental study. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1979 , 75, 247		37
46	Bisphenol A removal by a <i>Pseudomonas aeruginosa</i> immobilized on granular activated carbon and operating in a fluidized bed reactor. <i>Journal of Hazardous Materials</i> , 2015 , 291, 129-35	12.8	36
45	FT-IR microscopy characterization of sol-gel layers prior and after glucose oxidase immobilization for biosensing applications. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 57, 204-211	2.3	35
44	Effect of bisphenol A with or without enzyme treatment on the proliferation and viability of MCF-7 cells. <i>Environment International</i> , 2009 , 35, 21-6	12.9	34
43	Advantages in using immobilized thermophilic α -glucosidase in nonisothermal bioreactors. <i>Biotechnology and Bioengineering</i> , 1998 , 59, 108-115	4.9	32
42	A high selective and sensitive liquid chromatography-tandem mass spectrometry method for quantization of BPA urinary levels in children. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 9139-48	4.4	31
41	The influence of the support nature on the kinetics parameters, inhibition constants and reactivation of immobilized acetylcholinesterase. <i>International Journal of Biological Macromolecules</i> , 2008 , 43, 339-45	7.9	31
40	Apple juice clarification by immobilized pectolytic enzymes in packed or fluidized bed reactors. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 11471-7	5.7	28
39	A developmental hepatotoxicity study of dietary bisphenol A in <i>Sparus aurata</i> juveniles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014 , 166, 1-13	3.2	26
38	Isothermal and non-isothermal characterization of catalytic nylon membranes chemically grafted: dependence on the grafting percentage. <i>Enzyme and Microbial Technology</i> , 2001 , 28, 773-784	3.8	26
37	Isothermal and non-isothermal water transport in porous membranes. I. The power balance. <i>Journal of Membrane Science</i> , 1983 , 14, 31-57	9.6	26
36	Glucose sensing by time-resolved fluorescence of sol-gel immobilized glucose oxidase. <i>Sensors</i> , 2011 , 11, 3483-97	3.8	25
35	Advantages of using non-isothermal bioreactors for the enzymatic synthesis of antibiotics: the penicillin G acylase as enzyme model. <i>Biotechnology and Bioengineering</i> , 2002 , 79, 334-46	4.9	23
34	Advantages of using non-isothermal bioreactors in agricultural waste water treatment by means of immobilized urease. Study on the influence of spacer length and immobilization method. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2802-11	5.7	22
33	In vitro studies of the influence of ELF electromagnetic fields on the activity of soluble and insoluble peroxidase. <i>Bioelectromagnetics</i> , 2003 , 24, 449-56	1.6	21
32	Employment of immobilised lipase from <i>Candida rugosa</i> for the bioremediation of waters polluted by dimethylphthalate, as a model of endocrine disruptors. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 62, 133-141		20
31	Modulation of the catalytic activity of free and immobilized peroxidase by extremely low frequency electromagnetic fields: dependence on frequency. <i>Bioelectromagnetics</i> , 2005 , 26, 145-52	1.6	20
30	Monitoring production process of cisplatin-loaded PLGA nanoparticles by FT-IR microspectroscopy and univariate data analysis. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	19

29	Electrospun Polyacrylonitrile Nanofibrous Membranes Tailored for Acetylcholinesterase Immobilization. <i>Journal of Bioactive and Compatible Polymers</i> , 2010 , 25, 40-57	2	19
28	Alkylphenolic contaminants in the diet: Sparus aurata juveniles hepatic response. <i>General and Comparative Endocrinology</i> , 2014 , 205, 185-96	3	17
27	Increase in beta-galactosidase activity in a non-isothermal bioreactor utilizing immobilized cells of Kluyveromyces fragilis: fundamentals and applications. <i>Research in Microbiology</i> , 1997 , 148, 271-81	4	16
26	Nonisothermal bioreactors in the treatment of vegetation waters from olive oil: laccase versus syringic acid as bioremediation model. <i>Biotechnology Progress</i> , 2005 , 21, 806-15	2.8	16
25	Enzyme reaction engineering: effect of methanol on the synthesis of antibiotics catalyzed by immobilized penicillin G acylase under isothermal and non-isothermal conditions. <i>Biotechnology Progress</i> , 2002 , 18, 975-85	2.8	15
24	Immobilization of β -galactosidase on nylon membranes grafted with diethylenglycol dimethacrylate (DGDA) by Γ -radiation: Effect of membrane pore size. <i>Advances in Polymer Technology</i> , 1999 , 18, 109-123	1.9	14
23	Degradation and toxicity assessment of the nonionic surfactant TritonX-45 by the peroxymonosulfate/UV-C process. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 569-75	4.2	13
22	Differential accumulation of BPA in some tissues of offspring of Balb-C mice exposed to different BPA doses. <i>Environmental Toxicology and Pharmacology</i> , 2012 , 33, 9-15	5.8	13
21	Glucose determination by means of a new reactor/sensor system operating under non-isothermal conditions. <i>Enzyme and Microbial Technology</i> , 2000 , 26, 593-601	3.8	12
20	Phonons in liquids, Onsager's reciprocal relations, and the heats of transport. <i>Physical Review E</i> , 1994 , 49, 433-444	2.4	12
19	Tamoxifen as an emerging endocrine disruptor. effects on fish reproduction and detoxification target genes. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1163, 457-9	6.5	11
18	Differential accumulation levels in the brain of rats exposed to the endocrine disruptor 4-tert-octylphenol (OP). <i>Environmental Toxicology and Pharmacology</i> , 2011 , 31, 198-204	5.8	10
17	Hollow-fiber enzyme reactor operating under nonisothermal conditions. <i>Biotechnology Progress</i> , 2004 , 20, 457-66	2.8	10
16	Effect of extremely low frequency magnetic fields on calpain activation. <i>Bioelectromagnetics</i> , 2006 , 27, 43-50	1.6	10
15	A glucose biosensor operating under non-isothermal conditions: the dynamic response. <i>Biosensors and Bioelectronics</i> , 1999 , 14, 737-47	11.8	10
14	Phonon-particle interactions and transport processes in liquids. <i>Physical Review E</i> , 1993 , 47, 1066-1077	2.4	9
13	The process of thermodialysis in bioremediation of waters polluted by endocrine disruptors. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 58, 199-207		8
12	Thermodiffusive behaviour of NaCl and KCl aqueous solutions: A model for the Na-K pump. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1975 , 30, 153-162		8

11	Efficacy of piroxicam plus cisplatin-loaded PLGA nanoparticles in inducing apoptosis in mesothelioma cells. <i>Pharmaceutical Research</i> , 2015 , 32, 362-74	4.5	7
10	Flow-Injection System with Site-Specific Immobilization of Acetylcholinesterase Biosensor for Amperometric Detection of Organophosphate Pesticides. <i>Biotechnology and Biotechnological Equipment</i> , 2012 , 26, 3044-3053	1.6	7
9	Modulation of membrane potential in algal cells by temperature gradients. A thermodynamic approach. <i>Cell Biophysics</i> , 1990 , 16, 35-53		7
8	Temperature gradients and prebiological evolution. <i>Cell Biophysics</i> , 1987 , 10, 103-25		7
7	Bisphenol A, octylphenols and nonylphenols in fish muscle determined by LC/ESI-MS/MS after affinity chromatography clean up. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2020 , 13, 139-147 ³	3.3	6
6	A computational approach for detecting peptidases and their specific inhibitors at the genome level. <i>BMC Bioinformatics</i> , 2007 , 8 Suppl 1, S3	3.6	4
5	A novel packed-bed bioreactor operating under isothermal and non-isothermal conditions. <i>Biotechnology and Bioengineering</i> , 2004 , 86, 308-16	4.9	4
4	Reduction of active elastase concentration by means of immobilized inhibitors: a novel therapeutic approach. <i>Biotechnology Progress</i> , 2004 , 20, 968-74	2.8	3
3	FT-IR microspectroscopy of cisplatin loaded PLGA nanoparticles 2014 ,		1
2	Optical properties of sol-gel immobilized Laccase: a first step for its use in optical biosensing 2012 ,		1
1	Biotechnological traps for the reduction of inflammation due to cardiopulmonary bypass operations. <i>Biomaterials</i> , 2006 , 27, 3855-62	15.6	