

Marianna Bianca Emanuela Portaccio

List of Publications by Year in descending order

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47
papers

866
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489802

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docs citations

48
times ranked

1515
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Proton-Induced Biomolecular Changes in MCF-10A Breast Cells by Means of FT-IR Microspectroscopy. Applied Sciences (Switzerland), 2022, 12, 5074.	1.3	0
2	FT-IR Transfection Micro-Spectroscopy Study on Normal Human Breast Cells after Exposure to a Proton Beam. Applied Sciences (Switzerland), 2021, 11, 540.	1.3	6
3	Gelatin-biofermentative unsulfated glycosaminoglycans semi-interpenetrating hydrogels via microbial-transglutaminase crosslinking enhance osteogenic potential of dental pulp stem cells. International Journal of Energy Production and Management, 2021, 8, rbaa052.	1.9	6
4	Application of Vibrational Spectroscopies in the Qualitative Analysis of Gingival Crevicular Fluid and Periodontal Ligament during Orthodontic Tooth Movement. Journal of Clinical Medicine, 2021, 10, 1405.	1.0	20
5	Amide I Band Analysis Applied to Vibrational Micro-Spectroscopies of Gingival Crevicular Fluid Samples for Orthodontic Treatment Monitoring. , 2021, 10, .		1
6	Graphene-Based and Surface-Enhanced Raman Spectroscopy for Monitoring the Physio-Chemical Response of Thermophilic Bacterial Spores to Low Temperatures Exposure. Sensors, 2020, 20, 4150.	2.1	7
7	An FTIR Microspectroscopy Ratiometric Approach for Monitoring X-ray Irradiation Effects on SH-SY5Y Human Neuroblastoma Cells. Applied Sciences (Switzerland), 2020, 10, 2974.	1.3	23
8	Surface-enhanced Raman spectroscopy of tears: toward a diagnostic tool for neurodegenerative disease identification. Journal of Biomedical Optics, 2020, 25, 1.	1.4	23
9	Pixeled metasurface for multiwavelength detection of vitamin D. Nanophotonics, 2020, 9, 3921-3930.	2.9	22
10	An insight into pH-induced changes in FAD conformational structure by means of time-resolved fluorescence and circular dichroism. European Biophysics Journal, 2019, 48, 395-403.	1.2	4
11	Surface-Enhanced Raman Spectroscopy for Monitoring Extravirgin Olive Oil Bioactive Components. Journal of Chemistry, 2019, 2019, 1-10.	0.9	11
12	Characterization of Human Tear Fluid by Means of Surface-Enhanced Raman Spectroscopy. Sensors, 2019, 19, 1177.	2.1	16
13	Metasurface based on cross-shaped plasmonic nanoantennas as chemical sensor for surface-enhanced infrared absorption spectroscopy. Sensors and Actuators B: Chemical, 2019, 286, 600-607.	4.0	32
14	A novel experimental approach for liver analysis in rats exposed to Bisphenol A by means of LC-mass spectrometry and infrared spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 207-212.	1.4	13
15	Infrared microspectroscopy characterization of gingival crevicular fluid during orthodontic treatment. Journal of Molecular Structure, 2019, 1176, 847-854.	1.8	10
16	Fourier-Transform Infrared Microspectroscopy (FT-IR) Study on Caput and Cauda Mouse Spermatozoa. Proceedings (mdpi), 2019, 42, .	0.2	3
17	X-ray irradiation effects on SH-SY5Y human neuroblastoma cells monitored by means of FTIR micro-spectroscopy. , 2019, , .		0
18	Optical monitoring of cell migration processes in a 3D scaffold. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Dynamical and structural properties of flavin adenine dinucleotide in aqueous solutions. , 2018, , .		0
20	Physico-Optical properties of a crosslinked hyaluronic acid scaffold for biomedical applications. Journal of Applied Polymer Science, 2017, 134, e45243.	1.3	4
21	Dynamical and structural properties of flavin adenine dinucleotide in aqueous solutions and bound to free and sol-gel immobilized glucose oxidase. Journal of Sol-Gel Science and Technology, 2017, 82, 239-252.	1.1	14
22	Hyaluronan hydrogels with a low degree of modification as scaffolds for cartilage engineering. International Journal of Biological Macromolecules, 2017, 103, 978-989.	3.6	22
23	Optical detection of different phenolic compounds by means of a novel biosensor based on sol-gel immobilized laccase. Biotechnology and Applied Biochemistry, 2017, 64, 782-792.	1.4	18
24	Removal of methylparaben from synthetic aqueous solutions using polyacrylonitrile beads: kinetic and equilibrium studies. Environmental Science and Pollution Research, 2017, 24, 1270-1282.	2.7	14
25	Insights into Insulin Fibril Assembly at Physiological and Acidic pH and Related Amyloid Intrinsic Fluorescence. International Journal of Molecular Sciences, 2017, 18, 2551.	1.8	57
26	Fructose and Pectin Detection in Fruit-Based Food Products by Surface-Enhanced Raman Spectroscopy. Sensors, 2017, 17, 839.	2.1	23
27	Study of SH-SY5Y Cancer Cell Response to Treatment with Polyphenol Extracts Using FT-IR Spectroscopy. Biosensors, 2017, 7, 57.	2.3	22
28	Determination of Different Saccharides Concentration by Means of a Multienzymes Amperometric Biosensor. Journal of Sensors, 2017, 2017, 1-8.	0.6	13
29	Monitoring early phases of orthodontic treatment by means of Raman spectroscopies. Journal of Biomedical Optics, 2017, 22, 1.	1.4	28
30	Monitoring production process of cisplatin-loaded PLGA nanoparticles by FT-IR microspectroscopy and univariate data analysis. Journal of Applied Polymer Science, 2015, 132, .	1.3	22
31	Migration of bisphenol A into canned tomatoes produced in Italy: Dependence on temperature and storage conditions. Food Chemistry, 2014, 160, 157-164.	4.2	71
32	FT-IR microspectroscopy of cisplatin loaded PLGA nanoparticles. , 2014, , .		3
33	Characterization of secondary structure and fad conformational state in free and sol-gel immobilized glucose oxidase. Journal of Sol-Gel Science and Technology, 2014, 71, 580-588.	1.1	8
34	Flow-Injection System with Site-Specific Immobilization of Acetylcholinesterase Biosensor for Amperometric Detection of Organophosphate Pesticides. Biotechnology and Biotechnological Equipment, 2012, 26, 3044-3053.	0.5	9
35	Pre-natal exposure of mice to bisphenol A elicits an endometriosis-like phenotype in female offspring. General and Comparative Endocrinology, 2010, 168, 318-325.	0.8	107
36	The process of thermodialysis in bioremediation of waters polluted by endocrine disruptors. Journal of Molecular Catalysis B: Enzymatic, 2009, 58, 199-207.	1.8	9

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37	Molecular analysis of the apoptotic effects of BPA in acute myeloid leukemia cells. Journal of Translational Medicine, 2009, 7, 48.	1.8	27
38	Effect of Trehalose on W7FW14F Apomyoglobin and Insulin Fibrillization: New Insight into Inhibition Activity. Biochemistry, 2008, 47, 1789-1796.	1.2	50
39	Hollow-Fiber Enzyme Reactor Operating under Nonisothermal Conditions. Biotechnology Progress, 2008, 20, 457-466.	1.3	12
40	The influence of the support nature on the kinetics parameters, inhibition constants and reactivation of immobilized acetylcholinesterase. International Journal of Biological Macromolecules, 2008, 43, 339-345.	3.6	37
41	Amperometric Glucose Determination by Means of Glucose Oxidase Immobilized on a Cellulose Acetate Film: Dependence on the Immobilization Procedures. Electroanalysis, 2007, 19, 1787-1793.	1.5	19
42	Heme binding inhibits the fibrillization of amyloidogenic apomyoglobin and determines lack of aggregate cytotoxicity. Protein Science, 2007, 16, 507-516.	3.1	26
43	Reduction of Active Elastase Concentration by Means of Immobilized Inhibitors: A Novel Therapeutic Approach. Biotechnology Progress, 2004, 20, 968-974.	1.3	5
44	Production of Low-Lactose Milk by Means of Nonisothermal Bioreactors. Biotechnology Progress, 2004, 20, 1393-1401.	1.3	13
45	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. Journal of Agricultural and Food Chemistry, 2002, 50, 2802-2811.	2.4	22
46	Glucose determination by means of a new reactor/sensor system operating under non-isothermal conditions. Enzyme and Microbial Technology, 2000, 26, 593-601.	1.6	12
47	Human periodontal ligament characterization by means of vibrational spectroscopy and electron microscopy.. 0, , .		1