

Marzia Bedoni

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.

43
papers

910
citations

20
h-index

29
g-index

51
ext. papers

1,118
ext. citations

5.4
avg, IF

3.92
L-index

#	Paper	IF	Citations
43	Preliminary technological assessment of microneedles-based dry electrodes for biopotential monitoring in clinical examinations. <i>Sensors and Actuators A: Physical</i> , 2012 , 180, 177-186	3.9	71
42	Raman spectroscopy uncovers biochemical tissue-related features of extracellular vesicles from mesenchymal stromal cells. <i>Scientific Reports</i> , 2017 , 7, 9820	4.9	60
41	Detection and Characterization of Different Brain-Derived Subpopulations of Plasma Exosomes by Surface Plasmon Resonance Imaging. <i>Analytical Chemistry</i> , 2018 , 90, 8873-8880	7.8	57
40	Raman and SERS recognition of β -carotene and haemoglobin fingerprints in human whole blood. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 79, 915-9	4.4	56
39	Caseinphosphopeptide-induced calcium uptake in human intestinal cell lines HT-29 and Caco2 is correlated to cellular differentiation. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 247-54	6.3	51
38	Raman spectroscopy as a quick tool to assess purity of extracellular vesicle preparations and predict their functionality. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1568780	16.4	46
37	COVID-19 salivary Raman fingerprint: innovative approach for the detection of current and past SARS-CoV-2 infections. <i>Scientific Reports</i> , 2021 , 11, 4943	4.9	40
36	Label-free imaging and identification of typical cells of acute myeloid leukaemia and myelodysplastic syndrome by Raman microspectroscopy. <i>Analyst, The</i> , 2015 , 140, 1054-64	5	37
35	Casein phosphopeptide promotion of calcium uptake in HT-29 cells - relationship between biological activity and supramolecular structure. <i>FEBS Journal</i> , 2007 , 274, 4999-5011	5.7	37
34	Desmocollin 1 and desmoglein 1 expression in human epidermis and keratinizing oral mucosa: a comparative immunohistochemical and molecular study. <i>Archives of Dermatological Research</i> , 2005 , 297, 31-8	3.3	30
33	Immobilised gold nanostars in a paper-based test system for surface-enhanced Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2013 , 68, 45-50	2.1	27
32	Cross-talk among Toll-like receptors and their ligands. <i>International Immunology</i> , 2008 , 20, 709-18	4.9	26
31	Membrane-binding peptides for extracellular vesicles on-chip analysis. <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1751428	16.4	26
30	Polymer nanopillar-gold arrays as surface-enhanced Raman spectroscopy substrate for the simultaneous detection of multiple genes. <i>ACS Nano</i> , 2014 , 8, 10496-506	16.7	24
29	Ochratoxin A-induced renal cortex fibrosis and epithelial-to-mesenchymal transition: molecular mechanisms of ochratoxin A-injury and potential effects of red wine. <i>Molecular Medicine</i> , 2005 , 11, 30-8	6.2	24
28	A simple and universal enzyme-free approach for the detection of multiple microRNAs using a single nanostructured enhancer of surface plasmon resonance imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 1873-1885	4.4	23
27	Branched gold nanoparticles on ZnO 3D architecture as biomedical SERS sensors. <i>RSC Advances</i> , 2015 , 5, 93644-93651	3.7	22

26	Human salivary Raman fingerprint as biomarker for the diagnosis of Amyotrophic Lateral Sclerosis. <i>Scientific Reports</i> , 2020 , 10, 10175	4.9	21
25	One-step synthesis of star-like gold nanoparticles for surface enhanced Raman spectroscopy. <i>Materials Chemistry and Physics</i> , 2014 , 143, 1215-1221	4.4	21
24	A compact and disposable transdermal drug delivery system. <i>Microelectronic Engineering</i> , 2008 , 85, 10662-1073	2.0	20
23	SERS-based biosensor for Alzheimer disease evaluation through the fast analysis of human serum. <i>Journal of Biophotonics</i> , 2020 , 13, e201960033	3.1	20
22	Cream formulation impact on topical administration of engineered colloidal nanoparticles. <i>PLoS ONE</i> , 2015 , 10, e0126366	3.7	17
21	Raman profiling of circulating extracellular vesicles for the stratification of Parkinson's patients. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 22, 102097	6	16
20	Proliferation and differentiation biomarkers in normal human breast skin organotypic cultures. <i>Journal of Dermatological Science</i> , 2007 , 46, 139-42	4.3	16
19	Taking the Next Steps in Regenerative Rehabilitation: Establishment of a New Interdisciplinary Field. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020 , 101, 917-923	2.8	15
18	Desmoglein 3 and keratin 10 expressions are reduced by chronic exposure to cigarette smoke in human keratinised oral mucosa explants. <i>Archives of Oral Biology</i> , 2010 , 55, 815-23	2.8	15
17	Etanercept restores a differentiated keratinocyte phenotype in psoriatic human skin: a morphological study. <i>Experimental Dermatology</i> , 2012 , 21, 549-51	4	14
16	Skin immunosenescence: decreased receptor for activated C kinase-1 expression correlates with defective tumour necrosis factor-alpha production in epidermal cells. <i>British Journal of Dermatology</i> , 2009 , 160, 16-25	4	13
15	Early epidermal response after a single dose of gamma-rays in organotypic culture of human breast skin. <i>British Journal of Dermatology</i> , 2005 , 153, 881-6	4	11
14	An in vitro model of human oral explants to study early effects of radiation mucositis. <i>European Journal of Oral Sciences</i> , 2009 , 117, 169-74	2.3	10
13	Control of size and aspect ratio in hydroquinone-based synthesis of gold nanorods. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	8
12	Regulation of aged skeletal muscle regeneration by circulating extracellular vesicles. <i>Nature Aging</i> , 2021 , 1, 1148-1161		6
11	Burning mouth syndrome possibly linked with an amalgam tattoo : clinical and ultrastructural evidence. <i>European Journal of Dermatology</i> , 2008 , 18, 723-4	0.8	6
10	An SPRI-based biosensor pilot study: Analysis of multiple circulating extracellular vesicles and hippocampal volume in Alzheimer's disease. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 192, 113649	3.5	5
9	Surface Enhanced Raman Spectroscopy-Based Method for Leukemia Biomarker Detection Using Magnetic Core @ Gold Shell Nanoparticles. <i>BioNanoScience</i> , 2014 , 4, 119-127	3.4	4

8	The Collagen-Based Medical Device MD-Tissue Acts as a Mechanical Scaffold Influencing Morpho-Functional Properties of Cultured Human Tenocytes. <i>Cells</i> , 2020 , 9,	7.9	3
7	Biophotonics for diagnostic detection of extracellular vesicles. <i>Advanced Drug Delivery Reviews</i> , 2021 , 174, 229-249	18.5	3
6	Identification of the Raman Salivary Fingerprint of Parkinson's Disease Through the Spectroscopic-Computational Combinatory Approach. <i>Frontiers in Neuroscience</i> , 2021 , 15, 704963	5.1	3
5	Characterization of the COPD Salivary Fingerprint through Surface Enhanced Raman Spectroscopy: A Pilot Study. <i>Diagnostics</i> , 2021 , 11,	3.8	2
4	Effect of a topical treatment in organotypic culture of human breast skin after exposure to gamma-rays. <i>European Journal of Histochemistry</i> , 2007 , 51, 283-90	2.1	1
3	Inhibition of neutral sphingomyelinase 2 reduces extracellular vesicle release from neurons, oligodendrocytes, and activated microglial cells following acute brain injury. <i>Biochemical Pharmacology</i> , 2021 , 194, 114796	6	1
2	Progressing the field of Regenerative Rehabilitation through novel interdisciplinary interaction. <i>Npj Regenerative Medicine</i> , 2020 , 5, 16	15.8	1
1	Raman Fingerprint of Extracellular Vesicles and Conditioned Media for the Reproducibility Assessment of Cell-Free Therapeutics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 640617	5.8	1