

Massimiliano G Bianchi

List of Publications by Year in Descending Order

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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.

40
papers

864
citations

16
h-index

28
g-index

46
ext. papers

1,110
ext. citations

5
avg, IF

4.11
L-index

#	Paper	IF	Citations
40	ALL blasts drive primary mesenchymal stromal cells to increase asparagine availability during asparaginase treatment. <i>Blood Advances</i> , 2021 , 5, 5164-5178	7.8	1
39	The Role of Amino Acids in the Crosstalk Between Mesenchymal Stromal Cells and Neoplastic Cells in the Hematopoietic Niche. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 714755	5.7	1
38	Functional Consequences of Low Activity of Transport System A for Neutral Amino Acids in Human Bone Marrow Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
37	Data on miRNome changes in human cells exposed to nano- or ionic- forms of Cadmium. <i>Data in Brief</i> , 2020 , 30, 105636	1.2	3
36	Functional analysis of OCTN2 and ATB0,+ in normal human airway epithelial cells. <i>PLoS ONE</i> , 2020 , 15, e0228568	3.7	5
35	Differences in toxicity, mitochondrial function and miRNome in human cells exposed in vitro to Cd as CdS quantum dots or ionic Cd. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122430	12.8	13
34	Cerium Oxide Nanoparticles Rescue β Synuclein-Induced Toxicity in a Yeast Model of Parkinson Disease. <i>Nanomaterials</i> , 2020 , 10,	5.4	20
33	PACT-mediated PKR activation acts as a hyperosmotic stress intensity sensor weakening osmoadaptation and enhancing inflammation. <i>ELife</i> , 2020 , 9,	8.9	7
32	Length-dependent toxicity of TiO nanofibers: mitigation via shortening. <i>Nanotoxicology</i> , 2020 , 14, 433-452	5.2	8
31	Myeloma Cells Deplete Bone Marrow Glutamine and Inhibit Osteoblast Differentiation Limiting Asparagine Availability. <i>Cancers</i> , 2020 , 12,	6.6	7
30	Pyrogenic and Precipitated Amorphous Silica Nanoparticles Differentially Affect Cell Responses to LPS in Human Macrophages. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
29	Titanium dental implants hydrophilicity promotes preferential serum fibronectin over albumin competitive adsorption modulating early cell response. <i>Materials Science and Engineering C</i> , 2020 , 117, 111307	8.3	14
28	Thermal treatment to increase titanium wettability induces selective proteins adsorption from blood serum thus affecting osteoblasts adhesion. <i>Materials Science and Engineering C</i> , 2020 , 107, 110250	8.3	35
27	Catechin and Procyanidin B Modulate the Expression of Tight Junction Proteins but Do Not Protect from Inflammation-Induced Changes in Permeability in Human Intestinal Cell Monolayers. <i>Nutrients</i> , 2019 , 11,	6.7	13
26	Plasma Proteins at the Interface of Dental Implants Modulate Osteoblasts Focal Adhesions Expression and Cytoskeleton Organization. <i>Nanomaterials</i> , 2019 , 9,	5.4	5
25	Evaluation of potential engineered nanomaterials impacts on human health: from risk for workers to impact on consumers 2019 , 263-287		0
24	Analysis of LPI-causing mutations on γ +LAT1 function and localization. <i>Orphanet Journal of Rare Diseases</i> , 2019 , 14, 63	4.2	5

23	Functional Fibronectin Adsorption on Aptamer-Doped Chitosan Modulates Cell Morphology by Integrin-Mediated Pathway. <i>Materials</i> , 2019 , 12,	3.5	9
22	Comparative in Vitro Cytotoxicity of Realistic Doses of Benchmark Multi-Walled Carbon Nanotubes towards Macrophages and Airway Epithelial Cells. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
21	Asparagine Synthetase in Cancer: Beyond Acute Lymphoblastic Leukemia. <i>Frontiers in Oncology</i> , 2019 , 9, 1480	5.3	41
20	Oligodendrogloma Cells Lack Glutamine Synthetase and Are Auxotrophic for Glutamine, but Do not Depend on Glutamine Anaplerosis for Growth. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12
19	GPNA inhibits the sodium-independent transport system L for neutral amino acids. <i>Amino Acids</i> , 2017 , 49, 1365-1372	3.5	36
18	Lipopolysaccharide Adsorbed to the Bio-Corona of TiO Nanoparticles Powerfully Activates Selected Pro-inflammatory Transduction Pathways. <i>Frontiers in Immunology</i> , 2017 , 8, 866	8.4	19
17	The effect of laser therapy on the expression of osteocalcin and osteopontin after tooth extraction in rats treated with zoledronate and dexamethasone. <i>Supportive Care in Cancer</i> , 2016 , 24, 807-813	3.9	16
16	Toxicity determinants of multi-walled carbon nanotubes: The relationship between functionalization and agglomeration. <i>Toxicology Reports</i> , 2016 , 3, 230-243	4.8	116
15	Proinflammatory Effects of Pyrogenic and Precipitated Amorphous Silica Nanoparticles in Innate Immunity Cells. <i>Toxicological Sciences</i> , 2016 , 150, 40-53	4.4	48
14	Shape-Related Toxicity of Titanium Dioxide Nanofibres. <i>PLoS ONE</i> , 2016 , 11, e0151365	3.7	39
13	Dependence on glutamine uptake and glutamine addiction characterize myeloma cells: a new attractive target. <i>Blood</i> , 2016 , 128, 667-79	2.2	85
12	Identifying contact-mediated, localized toxic effects of MWCNT aggregates on epithelial monolayers: a single-cell monitoring toxicity assay. <i>Nanotoxicology</i> , 2015 , 9, 230-41	5.3	26
11	Coordinated Regulation of the Neutral Amino Acid Transporter SNAT2 and the Protein Phosphatase Subunit GADD34 Promotes Adaptation to Increased Extracellular Osmolarity. <i>Journal of Biological Chemistry</i> , 2015 , 290, 17822-17837	5.4	14
10	Titanium dioxide nanoparticles enhance macrophage activation by LPS through a TLR4-dependent intracellular pathway. <i>Toxicology Research</i> , 2015 , 4, 385-398	2.6	20
9	Changes in the expression of the glutamate transporter EAAT3/EAAC1 in health and disease. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 2001-15	10.3	50
8	Imogolite: an aluminosilicate nanotube endowed with low cytotoxicity and genotoxicity. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1142-54	4	25
7	Comparative effects of metal oxide nanoparticles on human airway epithelial cells and macrophages. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	10
6	Glutamine stimulates mTORC1 independent of the cell content of essential amino acids. <i>Amino Acids</i> , 2012 , 43, 2561-7	3.5	24

5	Glutamine Synthetase plays a dual role in the dependence of human cancer cells from glutamine. <i>FASEB Journal</i> , 2012 , 26, 145-18	0.9	
4	The ATRA-dependent overexpression of the glutamate transporter EAAC1 requires RARbeta induction. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009 , 1788, 1861-8	3.8	11
3	Non-functionalized multi-walled carbon nanotubes alter the paracellular permeability of human airway epithelial cells. <i>Toxicology Letters</i> , 2008 , 178, 95-102	4.4	81
2	The expression of the glutamate transporter EAAC1 is stimulated by all-trans retinoic acid in C6 rat glioma cells. <i>FASEB Journal</i> , 2008 , 22, 1168.3	0.9	
1	PKC-dependent stimulation of EAAT3 glutamate transporter does not require the integrity of actin cytoskeleton. <i>Neurochemistry International</i> , 2006 , 48, 341-9	4.4	16