

# Bruno Burlando

## List of Publications by Year in descending order

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112  
papers

4,025  
citations

117625

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133252

59  
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113  
docs citations

113  
times ranked

5527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Properties of Bioactive Compounds from Different Honeybee Products. <i>Frontiers in Pharmacology</i> , 2017, 8, 412.	3.5	276
2	Arbuscular mycorrhizal fungi differentially affect the response to high zinc concentrations of two registered poplar clones. <i>Environmental Pollution</i> , 2008, 153, 137-147.	7.5	176
3	Exposure to elevated temperatures and hydrogen peroxide elicits oxidative stress and antioxidant response in the Antarctic intertidal limpet <i>Nacella concinna</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1998, 120, 425-435.	1.6	169
4	Quantitative PCR analysis of two molluscan metallothionein genes unveils differential expression and regulation. <i>Gene</i> , 2005, 345, 259-270.	2.2	153
5	The fractal dimension of taxonomic systems. <i>Journal of Theoretical Biology</i> , 1990, 146, 99-114.	1.7	122
6	The Fractal Geometry of Evolution. <i>Journal of Theoretical Biology</i> , 1993, 163, 161-172.	1.7	116
7	Role of metallothionein against oxidative stress in the mussel <i>Mytilus galloprovincialis</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R1612-R1619.	1.8	114
8	Heavy metal inhibition of EROD activity in liver microsomes from the bass <i>Dicentrarchus labrax</i> exposed to organic xenobiotics: Role of GSH in the reduction of heavy metal effects. <i>Marine Environmental Research</i> , 1997, 44, 1-11.	2.5	110
9	Honey in dermatology and skin care: a review. <i>Journal of Cosmetic Dermatology</i> , 2013, 12, 306-313.	1.6	108
10	Antiproliferative Effects on Tumour Cells and Promotion of Keratinocyte Wound Healing by Different Lichen Compounds. <i>Planta Medica</i> , 2009, 75, 607-613.	1.3	101
11	Metabolic integration between symbiotic cyanobacteria and sponges: a possible mechanism. <i>Marine Biology</i> , 1993, 117, 159-162.	1.5	94
12	Mercury- and copper-induced lysosomal membrane destabilisation depends on $[Ca^{2+}]_i$ dependent phospholipase A2 activation. <i>Aquatic Toxicology</i> , 2004, 66, 197-204.	4.0	94
13	Phytochemicals from fern species: potential for medicine applications. <i>Phytochemistry Reviews</i> , 2017, 16, 379-440.	6.5	92
14	Wound healing properties of jojoba liquid wax: An in vitro study. <i>Journal of Ethnopharmacology</i> , 2011, 134, 443-449.	4.1	90
15	Hmgb1 Promotes Wound Healing of 3T3 Mouse Fibroblasts via Rage-Dependent ERK1/2 Activation. <i>Cell Biochemistry and Biophysics</i> , 2010, 57, 9-17.	1.8	76
16	Therapeutic properties of rice constituents and derivatives ( <i>Oryza sativa</i> L.): A review update. <i>Trends in Food Science and Technology</i> , 2014, 40, 82-98.	15.1	75
17	Epithelial mesenchymal transition traits in honey-driven keratinocyte wound healing: Comparison among different honeys. <i>Wound Repair and Regeneration</i> , 2012, 20, 778-785.	3.0	68
18	Platelet lysate stimulates wound repair of HaCaT keratinocytes. <i>British Journal of Dermatology</i> , 2008, 159, ???-???	1.5	62

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19	HMGb1 promotes scratch wound closure of HaCaT keratinocytes via ERK1/2 activation. <i>Molecular and Cellular Biochemistry</i> , 2009, 332, 199-205.	3.1	62
20	Biogeographic traits and checklist of Antarctic demosponges. <i>Polar Biology</i> , 1992, 12, 559.	1.2	61
21	Antioxidant and cytoprotective activities of an ancient Mediterranean citrus ( <i>Citrus lumia</i> Risso) albedo extract: Microscopic observations and polyphenol characterization. <i>Food Chemistry</i> , 2019, 279, 347-355.	8.2	59
22	Combined effects of high-fat diet and ethanol induce oxidative stress in rat liver. <i>Alcohol</i> , 2006, 40, 185-191.	1.7	58
23	Honey exposure stimulates wound repair of human dermal fibroblasts. <i>Burns and Trauma</i> , 2013, 1, 32.	0.7	51
24	Therapeutic Potential of Temperate Forage Legumes: A Review. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, S149-S161.	10.3	50
25	Essential role of Ca <sup>2+</sup> -dependent phospholipase A <sub>2</sub> in estradiol-induced lysosome activation. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C1461-C1468.	4.6	47
26	Ultrastructural study of spermatogenesis in <i>Oscarella lobularis</i> (Porifera, Demospongiae). <i>International Journal of Invertebrate Reproduction and Development</i> , 1986, 10, 297-305.	0.7	46
27	Origin of male gametes from choanocytes in <i>Spongia officinalis</i> (Porifera, Demospongiae). <i>International Journal of Invertebrate Reproduction and Development</i> , 1984, 7, 83-93.	0.7	44
28	Platelet lysate promotes in vitro wound scratch closure of human dermal fibroblasts: different roles of cell calcium, P38, ERK and PI3K/AKT. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2030-2038.	3.6	44
29	Selective Ascorbate Toxicity in Malignant Mesothelioma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 108-117.	2.9	41
30	Comparison of the irritation potentials of <i>Boswellia serrata</i> gum resin and of acetyl-11-keto- $\beta$ -boswellic acid by in vitro cytotoxicity tests on human skin-derived cell lines. <i>Toxicology Letters</i> , 2008, 177, 144-149.	0.8	40
31	Epigallocatechin- $\beta$ -gallate induces mesothelioma cell death via H <sub>2</sub> O <sub>2</sub> -dependent Ca <sup>2+</sup> channel opening. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2667-2678.	3.6	40
32	Scratch wound closure of C2C12 mouse myoblasts is enhanced by human platelet lysate. <i>Cell Biology International</i> , 2009, 33, 911-917.	3.0	39
33	(+)-Usnic acid enamines with remarkable cicatrizing properties. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1834-1843.	3.0	38
34	Networking and expert-system analysis: next frontier in biomonitoring. <i>Marine Environmental Research</i> , 2000, 49, 483-486.	2.5	36
35	Platelet lysate modulates MMP-2 and MMP-9 expression, matrix deposition and cell-to-matrix adhesion in keratinocytes and fibroblasts. <i>Experimental Dermatology</i> , 2011, 20, 308-313.	2.9	36
36	Flavonoid Oligoglycosides from <i>Ophioglossum vulgatum</i> L. Having Wound Healing Properties. <i>Planta Medica</i> , 2012, 78, 1639-1644.	1.3	33

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37	Interference of heavy metal cations with fluorescent Ca <sup>2+</sup> -probes does not affect Ca <sup>2+</sup> -measurements in living cells. <i>Cell Calcium</i> , 2000, 28, 225-231.	2.4	32
38	Single and combined effects of heavy metals and hormones on lysosomes of haemolymph cells from the mussel <i>Mytilus galloprovincialis</i> . <i>Marine Biology</i> , 2000, 137, 907-912.	1.5	32
39	Responses to copper of two registered poplar clones inoculated or not with arbuscular mycorrhizal fungi. <i>Caryologia</i> , 2007, 60, 146-155.	0.3	32
40	In vitro screening of synergistic ascorbate-“drug combinations for the treatment of malignant mesothelioma. <i>Toxicology in Vitro</i> , 2011, 25, 1568-1574.	2.4	32
41	(âˆ“)â€•Epigallocatechinâ€•gallate induces GRP78 accumulation in the ER and shifts mesothelioma constitutive UPR into proapoptotic ER stress. <i>Journal of Cellular Physiology</i> , 2018, 233, 7082-7090.	4.1	32
42	Occurrence of Cu-ATPase in <i>Dictyostelium</i> : Possible Role in Resistance to Copper. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 476-483.	2.1	31
43	Epigallocatechin-3-gallate elicits Ca <sup>2+</sup> spike in MCF-7 breast cancer cells: Essential role of Cav3.2 channels. <i>Cell Calcium</i> , 2014, 56, 285-295.	2.4	30
44	Effects of growth hormone and cadmium on the transcription regulation of two metallothionein isoforms. <i>Molecular and Cellular Endocrinology</i> , 2007, 263, 29-37.	3.2	28
45	Moraceae Plants with Tyrosinase Inhibitory Activity: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 17, 108-121.	2.4	26
46	Ligand-Independent Tyrosine Kinase Signalling in RTH 149 Trout Hepatoma Cells: Comparison Among Heavy Metals and Pro-Oxidants. <i>Cellular Physiology and Biochemistry</i> , 2003, 13, 147-154.	1.6	25
47	Preclinical Demonstration of Synergistic Active Nutrients/Drug (AND) Combination as a Potential Treatment for Malignant Pleural Mesothelioma. <i>PLoS ONE</i> , 2013, 8, e58051.	2.5	25
48	Hg <sup>2+</sup> signaling in trout hepatoma (RTH-149) cells: involvement of Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release. <i>Cell Calcium</i> , 2003, 34, 285-293.	2.4	24
49	Oleuropein-Enriched Olive Leaf Extract Affects Calcium Dynamics and Impairs Viability of Malignant Mesothelioma Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	1.2	24
50	The architecture of the canal systems of <i>Petrosia ficiformis</i> and <i>Chondrosia reniformis</i> studied by corrosion casts (Porifera, Demospongiae). <i>Zoomorphology</i> , 1988, 108, 161-166.	0.8	23
51	Polyphenol Characterization and Skin-Preserving Properties of Hydroalcoholic Flower Extract from <i>Himantoglossum robertianum</i> (Orchidaceae). <i>Plants</i> , 2019, 8, 502.	3.5	23
52	Ultrastructural study of the mature egg of <i>Tethya citrinasar</i> and <i>melone</i> (porifera, demospongiae). <i>Gamete Research</i> , 1987, 16, 259-265.	1.7	22
53	Biological activities of the legume crops <i>Melilotus officinalis</i> and <i>Lespedeza capitata</i> for skin care and pharmaceutical applications. <i>Industrial Crops and Products</i> , 2017, 96, 158-164.	5.2	22
54	Combination of ascorbate/epigallocatechin-3-gallate/gemcitabine synergistically induces cell cycle deregulation and apoptosis in mesothelioma cells. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 35-41.	2.8	21

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55	Revisiting Amazonian Plants for Skin Care and Disease. <i>Cosmetics</i> , 2017, 4, 25.	3.3	21
56	Effects of heavy metals on phospholipase C in gill and digestive gland of the marine mussel <i>Mytilus galloprovincialis</i> Lam. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 127, 391-397.	1.6	20
57	Effects of seawater pollutants on protein tyrosine phosphorylation in mussel tissues. <i>Aquatic Toxicology</i> , 2006, 78, S79-S85.	4.0	20
58	Role of ERK1/2 in platelet lysate-driven endothelial cell repair. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 783-793.	2.6	20
59	Keratinocyte wound healing activity of galactoglycerolipids from the fern <i>Ophioglossum vulgatum</i> L.. <i>Journal of Natural Medicines</i> , 2014, 68, 31-37.	2.3	20
60	Sponge cell motility: A model system for the study of morphogenetic processes. <i>Bollettino Di Zoologia</i> , 1990, 57, 109-118.	0.3	19
61	Cloning and sequencing of a novel metallothionein gene in <i>Mytilus galloprovincialis</i> Lam. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 131, 217-222.	2.6	19
62	<i>Posidonia oceanica</i> (L.) Delile Ethanolic Extract Modulates Cell Activities with Skin Health Applications. <i>Marine Drugs</i> , 2018, 16, 21.	4.6	19
63	Ca <sup>2+</sup> is mobilized by hydroxyl radical but not by superoxide in RTH-149 cells: The oxidative switching-on of Ca <sup>2+</sup> signaling. <i>Cell Calcium</i> , 2005, 38, 507-513.	2.4	18
64	The bioactivity of <i>Hedysarum coronarium</i> extracts on skin enzymes and cells correlates with phenolic content. <i>Pharmaceutical Biology</i> , 2017, 55, 1984-1991.	2.9	17
65	New insights into <i>Citrus</i> genus: From ancient fruits to new hybrids. <i>Food Frontiers</i> , 2020, 1, 305-328.	7.4	17
66	Occurrence of Na <sup>+</sup> /Ca <sup>2+</sup> exchange in the ciliate <i>Euplotes crassus</i> and its role in Ca <sup>2+</sup> homeostasis. <i>Cell Calcium</i> , 1999, 25, 153-160.	2.4	16
67	Contribution to the study of egg development and derivation in <i>Oscarella lobularis</i> (Porifera, Tj ETQq1 1 0.784314 rgrBT /Overlock 10 15	0.7	15
68	Ultrastructural Study of Oogenesis and Fertilization in <i>Sycon ciliatum</i> (Porifera, Calcispongiae). <i>International Journal of Invertebrate Reproduction and Development</i> , 1987, 12, 73-81.	0.7	15
69	Emerging Exotic Fruits: New Functional Foods in the European Market. <i>EFood</i> , 2020, 1, 126-139.	3.1	15
70	The major <i>Boswellia serrata</i> active 3-acetyl-11-keto- $\delta^2$ -boswellic acid strengthens interleukin-1 $\beta$ upregulation of matrix metalloproteinase-9 via JNK MAP kinase activation. <i>Phytomedicine</i> , 2017, 36, 176-182.	5.3	14
71	The locomotion of dissociated sponge cells: A cell-by-cell, time-lapse film analysis. <i>Cell Motility</i> , 1985, 5, 463-473.	1.8	13
72	The vacuolar cells of <i>Oscarella lobularis</i> (Porifera, Demospongiae): Ultrastructural organization, origin, and function. <i>Journal of Morphology</i> , 1986, 188, 29-37.	1.2	13

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73	Association between calcareous <i>Clathrina cerebrum</i> (Haeckel) and bacteria: electron microscope study. <i>Journal of Experimental Marine Biology and Ecology</i> , 1988, 116, 35-42.	1.5	13
74	Cyclic ADP-Ribose-Dependent Ca <sup>2+</sup> Release Is Modulated by Free [Ca <sup>2+</sup> ] in the Scallop Sarcoplasmic Reticulum. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 57-62.	2.1	13
75	LIFE HISTORY AND DIET OF PLEUROBRANCHAEA MECKELII(OPISTHOBRANCHIA: NOTASPIDEA). <i>Journal of Molluscan Studies</i> , 1993, 59, 309-313.	1.2	12
76	Nutritional and medicinal properties of underexploited legume trees from West Africa. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, S178-S188.	10.3	12
77	Mal de Debarquement Syndrome: A Matter of Loops?. <i>Frontiers in Neurology</i> , 2020, 11, 576860.	2.4	12
78	Platelet-Rich Plasma Induces Mixed Osteogenic/Osteoclastogenic Phenotype in Osteosarcoma SaOS-2 Cells: Role of TGF-Beta. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 120-126.	1.6	12
79	Anti-Inflammatory and Wound Healing Properties of Leaf and Rhizome Extracts from the Medicinal Plant <i>PeucedanumÂostruthium</i> (L.) W. D. J. Koch. <i>Molecules</i> , 2022, 27, 4271.	3.8	12
80	Resveratrol induces intracellular Ca <sup>2+</sup> rise via T-type Ca <sup>2+</sup> channels in a mesothelioma cell line. <i>Life Sciences</i> , 2016, 148, 125-131.	4.3	11
81	Loopomics: a new functional approach to life. <i>Journal of Applied Physiology</i> , 2017, 123, 1011-1013.	2.5	11
82	<i>Carpobrotus edulis</i> (L.) N.E.Br. extract as a skin preserving agent: From traditional medicine to scientific validation. <i>Journal of Integrative Medicine</i> , 2021, 19, 526-536.	3.1	11
83	Seasonal changes in the metabolism of the calcareous sponge <i>Clathrina clathrus</i> (schmidt). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1992, 101, 341-344.	0.6	10
84	Morphological responses of dissociated sponge cells to different organic substrata. <i>Tissue and Cell</i> , 1993, 25, 333-341.	2.2	10
85	Effects of free oxygen radicals on Ca <sup>2+</sup> release mechanisms in the sarcoplasmic reticulum of scallop ( <i>Pecten jacobaeus</i> ) adductor muscle. <i>Cell Calcium</i> , 1997, 22, 83-90.	2.4	10
86	Heavy metal interference with growth hormone signalling in trout hepatoma cells RTH-149. <i>BioMetals</i> , 2005, 18, 179-190.	4.1	10
87	Action Mechanisms of the Secondary Metabolite Euplotin C: Signaling and Functional Role in <i>Euplotes</i> . <i>Journal of Eukaryotic Microbiology</i> , 2008, 55, 365-373.	1.7	10
88	Powering tyrosol antioxidant capacity and osteogenic activity by biocatalytic polymerization. <i>RSC Advances</i> , 2016, 6, 2993-3002.	3.6	10
89	Loop analysis of blood pressure/volume homeostasis. <i>PLoS Computational Biology</i> , 2019, 15, e1007346.	3.2	10
90	The SR Ca <sup>2+</sup> ATPase of the Antarctic scallop <i>Adamussium colbecki</i> : cold adaptation and heavy metal effects. <i>Polar Biology</i> , 1999, 21, 369-375.	1.2	9

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91	Different effects of Hg <sup>2+</sup> and Cu <sup>2+</sup> on mussel ( <i>Mytilus galloprovincialis</i> ) plasma membrane Ca <sup>2+</sup> -ATPase: Hg <sup>2+</sup> induction of protein expression. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 139, 201-207.	2.6	9
92	Epigallocatechin-3-gallate mobilizes intracellular Ca <sup>2+</sup> in prostate cancer cells through combined Ca <sup>2+</sup> entry and Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release. <i>Life Sciences</i> , 2020, 258, 118232.	4.3	8
93	A multistationary loop model of ALS unveils critical molecular interactions involving mitochondria and glucose metabolism. <i>PLoS ONE</i> , 2020, 15, e0244234.	2.5	8

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#	ARTICLE	IF	CITATIONS
109	Title is missing!. , 2020, 15, e0244234.		0
110	Title is missing!. , 2020, 15, e0244234.		0
111	Title is missing!. , 2020, 15, e0244234.		0
112	Title is missing!. , 2020, 15, e0244234.		0