

# Bruno Burlando

## List of Publications by Year in descending order

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112  
papers

4,025  
citations

117625

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docs citations

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times ranked

5527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutraceutical Potential of High-latitude and High-altitude Berries Rich in Ellagitannins. <i>Current Medicinal Chemistry</i> , 2023, 30, 2121-2140.	2.4	2
2	Cannabis-like activity of <i>Zornia latifolia</i> Sm. detected <i>in vitro</i> on rat cortical neurons: major role of the flavone syzalterin. <i>Drug and Chemical Toxicology</i> , 2022, 45, 919-931.	2.3	1
3	A New Bistable Switch Model of Alzheimer's Disease Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7061.	4.1	2
4	Vestibular Disability/Handicap in Fibromyalgia: A Questionnaire Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 4017.	2.4	4
5	Thalamocortical bistable switch as a theoretical model of fibromyalgia pathogenesis inferred from a literature survey. <i>Journal of Computational Neuroscience</i> , 2022, 50, 471-484.	1.0	3
6	Anti-Inflammatory and Wound Healing Properties of Leaf and Rhizome Extracts from the Medicinal Plant <i>Peucedanum ostruthium</i> (L.) W. D. J. Koch. <i>Molecules</i> , 2022, 27, 4271.	3.8	12
7	<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
8	Modulatory Activities of Plant Extracts on Jellyfish Cytotoxicity. <i>Wilderness and Environmental Medicine</i> , 2020, 31, 266-272.	0.9	0
9	Mal de Debarquement Syndrome: A Matter of Loops?. <i>Frontiers in Neurology</i> , 2020, 11, 576860.	2.4	12
10	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
11	New insights into <i>Citrus</i> genus: From ancient fruits to new hybrids. <i>Food Frontiers</i> , 2020, 1, 305-328.	7.4	17
12	Emerging Exotic Fruits: New Functional Foods in the European Market. <i>EFood</i> , 2020, 1, 126-139.	3.1	15
13	Depigmenting potential of lichen extracts evaluated by <i>in vitro</i> and <i>in vivo</i> tests. <i>PeerJ</i> , 2020, 8, e9150.	2.0	7
14	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
15	Title is missing!. , 2020, 15, e0244234.		0
16	Title is missing!. , 2020, 15, e0244234.		0
17	Title is missing!. , 2020, 15, e0244234.		0
18	Title is missing!. , 2020, 15, e0244234.		0

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19	Loop analysis of blood pressure/volume homeostasis. PLoS Computational Biology, 2019, 15, e1007346.	3.2	10
20	Polyphenol Characterization and Skin-Preserving Properties of Hydroalcoholic Flower Extract from <i>Himantoglossum robertianum</i> (Orchidaceae). Plants, 2019, 8, 502.	3.5	23
21	Antioxidant and cytoprotective activities of an ancient Mediterranean citrus ( <i>Citrus lumia</i> Risso) albedo extract: Microscopic observations and polyphenol characterization. Food Chemistry, 2019, 279, 347-355.	8.2	59
22	Nutritional and medicinal properties of underexploited legume trees from West Africa. Critical Reviews in Food Science and Nutrition, 2019, 59, S178-S188.	10.3	12
23	<i>Posidonia oceanica</i> (L.) Delile Ethanolic Extract Modulates Cell Activities with Skin Health Applications. Marine Drugs, 2018, 16, 21.	4.6	19
24	( $\alpha$ )-Epigallocatechin-3-gallate induces GRP78 accumulation in the ER and shifts mesothelioma constitutive UPR into proapoptotic ER stress. Journal of Cellular Physiology, 2018, 233, 7082-7090.	4.1	32
25	Phytochemicals from fern species: potential for medicine applications. Phytochemistry Reviews, 2017, 16, 379-440.	6.5	92
26	Loopomics: a new functional approach to life. Journal of Applied Physiology, 2017, 123, 1011-1013.	2.5	11
27	Antiproliferative hydroxy-fatty acids from the fodder legume <i>Stylosanthes guianensis</i> . Journal of Pharmaceutical and Biomedical Analysis, 2017, 141, 157-164.	2.8	5
28	Biological activities of the legume crops <i>Melilotus officinalis</i> and <i>Lespedeza capitata</i> for skin care and pharmaceutical applications. Industrial Crops and Products, 2017, 96, 158-164.	5.2	22
29	Last Word on Viewpoint: Loopomics: a new functional approach to life. Journal of Applied Physiology, 2017, 123, 1016-1016.	2.5	1
30	The major <i>Boswellia serrata</i> active 3-acetyl-11-keto- $\beta$ -boswellic acid strengthens interleukin-1 $\alpha$ upregulation of matrix metalloproteinase-9 via JNK MAP kinase activation. Phytomedicine, 2017, 36, 176-182.	5.3	14
31	The bioactivity of <i>Hedysarum coronarium</i> extracts on skin enzymes and cells correlates with phenolic content. Pharmaceutical Biology, 2017, 55, 1984-1991.	2.9	17
32	Therapeutic Properties of Bioactive Compounds from Different Honeybee Products. Frontiers in Pharmacology, 2017, 8, 412.	3.5	276
33	Revisiting Amazonian Plants for Skin Care and Disease. Cosmetics, 2017, 4, 25.	3.3	21
34	Resveratrol induces intracellular Ca <sup>2+</sup> rise via T-type Ca <sup>2+</sup> channels in a mesothelioma cell line. Life Sciences, 2016, 148, 125-131.	4.3	11
35	Powering tyrosol antioxidant capacity and osteogenic activity by biocatalytic polymerization. RSC Advances, 2016, 6, 2993-3002.	3.6	10
36	Therapeutic Potential of Temperate Forage Legumes: A Review. Critical Reviews in Food Science and Nutrition, 2016, 56, S149-S161.	10.3	50

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37	Moraceae Plants with Tyrosinase Inhibitory Activity: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 17, 108-121.	2.4	26
38	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
39	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
40	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
41	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
42	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
43	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
44	Honey in dermatology and skin care: a review. <i>Journal of Cosmetic Dermatology</i> , 2013, 12, 306-313.	1.6	108
45	(+)-Usnic acid enamines with remarkable cicatrizing properties. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1834-1843.	3.0	38
46	Honey exposure stimulates wound repair of human dermal fibroblasts. <i>Burns and Trauma</i> , 2013, 1, 32.	0.7	51
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	Flavonoid Oligoglycosides from <i>Ophioglossum vulgatum</i> L. Having Wound Healing Properties. <i>Planta Medica</i> , 2012, 78, 1639-1644.	1.3	33
49	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
50	Epigallocatechin-3-gallate induces mesothelioma cell death via H <sub>2</sub> O <sub>2</sub> -dependent T-type Ca <sup>2+</sup> channel opening. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2667-2678.	3.6	40
51	Wound healing properties of jojoba liquid wax: An in vitro study. <i>Journal of Ethnopharmacology</i> , 2011, 134, 443-449.	4.1	90
52	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
53	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
54	Selective Ascorbate Toxicity in Malignant Mesothelioma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 108-117.	2.9	41

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55	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
56	Role of ERK1/2 in platelet lysate-driven endothelial cell repair. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 783-793.	2.6	20
57	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
58	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
59	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
60	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
61	Uncoupling protein-2 induction in rat hepatocytes after acute carbon tetrachloride liver injury. <i>Journal of Cellular Physiology</i> , 2008, 216, 413-418.	4.1	7
62	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
63	Platelet lysate stimulates wound repair of HaCaT keratinocytes. <i>British Journal of Dermatology</i> , 2008, 159, ???-???.	1.5	62
64	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
65	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
66	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
67	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
68	Effects of seawater pollutants on protein tyrosine phosphorylation in mussel tissues. <i>Aquatic Toxicology</i> , 2006, 78, S79-S85.	4.0	20
69	Combined effects of high-fat diet and ethanol induce oxidative stress in rat liver. <i>Alcohol</i> , 2006, 40, 185-191.	1.7	58
70	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
71	Heavy metal interference with growth hormone signalling in trout hepatoma cells RTH-149. <i>BioMetals</i> , 2005, 18, 179-190.	4.1	10
72	Quantitative PCR analysis of two molluscan metallothionein genes unveils differential expression and regulation. <i>Gene</i> , 2005, 345, 259-270.	2.2	153

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73	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
74	Mercury- and copper-induced lysosomal membrane destabilisation depends on [Ca <sup>2+</sup> ] <sub>i</sub> dependent phospholipase A2 activation. <i>Aquatic Toxicology</i> , 2004, 66, 197-204.	4.0	94
75	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
76	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
77	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
78	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
79	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
80	Free Radical-Dependent Ca <sup>2+</sup> Signaling: Role of Ca <sup>2+</sup> -Induced Ca <sup>2+</sup> Release. <i>Antioxidants and Redox Signaling</i> , 2001, 3, 525-530.	5.4	5
81	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
82	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
83	Networking and expert-system analysis: next frontier in biomonitoring. <i>Marine Environmental Research</i> , 2000, 49, 483-486.	2.5	36
84	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
85	Ca <sup>2+</sup> homeostasis and redox balance in Antarctic sea organisms: Effects of temperature and of environmental contaminants. <i>Italian Journal of Zoology</i> , 2000, 67, 95-100.	0.6	0
86	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
87	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
88	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
89	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
90	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

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91	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
92	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
93	A study of the genetic variability in populations of the European woodcock ( <i>scolopax rusticola</i> ) by random amplification of polymorphic dna. <i>Italian Journal of Zoology</i> , 1996, 63, 31-36.	0.6	7
94	The Fractal Geometry of Evolution. <i>Journal of Theoretical Biology</i> , 1993, 163, 161-172.	1.7	116
95	Metabolic integration between symbiotic cyanobacteria and sponges: a possible mechanism. <i>Marine Biology</i> , 1993, 117, 159-162.	1.5	94
96	Morphological responses of dissociated sponge cells to different organic substrata. <i>Tissue and Cell</i> , 1993, 25, 333-341.	2.2	10
97	LIFE HISTORY AND DIET OF PLEUROBRANCHAEA MECKELII (OPISTHOBRANCHIA: NOTASPIDEA). <i>Journal of Molluscan Studies</i> , 1993, 59, 309-313.	1.2	12
98	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
99	Biogeographic traits and checklist of Antarctic demosponges. <i>Polar Biology</i> , 1992, 12, 559.	1.2	61
100	The fractal dimension of taxonomic systems. <i>Journal of Theoretical Biology</i> , 1990, 146, 99-114.	1.7	122

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109	Ultrastructural study of spermatogenesis in <i>Oscarella lobularis</i> (Porifera, Demospongiae). International Journal of Invertebrate Reproduction and Development, 1986, 10, 297-305.	0.7	46
110	The locomotion of dissociated sponge cells: A cell-by-cell, time-lapse film analysis. Cell Motility, 1985, 5, 463-473.	1.8	13
111	Origin of male gametes from choanocytes in <i>Spongia officinalis</i> (Porifera, Demospongiae). International Journal of Invertebrate Reproduction and Development, 1984, 7, 83-93.	0.7	44
112	Cellular Responses to Copper in Aquatic Organisms: Importance of Oxidative Stress and Alteration of Signal Transduction. , 0, , 417-431.		2