

Loredana Bergandi

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,591
citations

361045

20
h-index

301761

39
g-index

53
all docs

53
docs citations

53
times ranked

2700
citing authors

#	ARTICLE	IF	CITATIONS
1	Artemisinin inhibits inducible nitric oxide synthase and nuclear factor NF- κ B activation. FEBS Letters, 2003, 552, 141-144.	1.3	135
2	Cytotoxicity of zinc-containing bioactive glasses in contact with human osteoblasts. Chemico-Biological Interactions, 2007, 167, 207-218.	1.7	128
3	In vitro study of manganese-doped bioactive glasses for bone regeneration. Materials Science and Engineering C, 2014, 38, 107-118.	3.8	105
4	Sr-containing hydroxyapatite: morphologies of HA crystals and bioactivity on osteoblast cells. Materials Science and Engineering C, 2013, 33, 1132-1142.	3.8	102
5	Vitamin D Receptor Is Necessary for Mitochondrial Function and Cell Health. International Journal of Molecular Sciences, 2018, 19, 1672.	1.8	100
6	Fluoride Effects: The Two Faces of Janus. Current Medicinal Chemistry, 2010, 17, 2431-2441.	1.2	90
7	Insulin Stimulates Glucose Transport Via Nitric Oxide/Cyclic GMP Pathway in Human Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 2215-2221.	1.1	86
8	Obestatin regulates adipocyte function and protects against diet-induced insulin resistance and inflammation. FASEB Journal, 2012, 26, 3393-3411.	0.2	79
9	Association among Oral Health, Apical Periodontitis, CD14 Polymorphisms, and Coronary Heart Disease in Middle-aged Adults. Journal of Endodontics, 2012, 38, 1570-1577.	1.4	73
10	Crocidolite asbestos inhibits pentose phosphate oxidative pathway and glucose 6-phosphate dehydrogenase activity in human lung epithelial cells. Free Radical Biology and Medicine, 2002, 32, 938-949.	1.3	59
11	Doxorubicin Induces an Increase of Nitric Oxide Synthesis in Rat Cardiac Cells That Is Inhibited by Iron Supplementation. Toxicology and Applied Pharmacology, 2002, 185, 85-90.	1.3	55
12	Fluoride-containing bioactive glasses inhibit pentose phosphate oxidative pathway and glucose 6-phosphate dehydrogenase activity in human osteoblasts. Chemico-Biological Interactions, 2010, 183, 405-415.	1.7	45
13	RFamide Peptides 43RFa and 26RFa Both Promote Survival of Pancreatic β -Cells and Human Pancreatic Islets but Exert Opposite Effects on Insulin Secretion. Diabetes, 2014, 63, 2380-2393.	0.3	44
14	Long and short fiber amosite asbestos alters at a different extent the redox metabolism in human lung epithelial cells. Toxicology and Applied Pharmacology, 2003, 193, 106-115.	1.3	39
15	Vitamin D inhibits the epithelial-mesenchymal transition by a negative feedback regulation of TGF- β 2 activity. Journal of Steroid Biochemistry and Molecular Biology, 2019, 187, 97-105.	1.2	37
16	Epithelial to Mesenchymal Transition in Human Mesothelial Cells Exposed to Asbestos Fibers: Role of TGF- β 2 as Mediator of Malignant Mesothelioma Development or Metastasis via EMT Event. International Journal of Molecular Sciences, 2019, 20, 150.	1.8	30
17	Inducible Nitric Oxide Synthase and Heme Oxygenase 1 Are Expressed in Human Cumulus Cells and May Be Used as Biomarkers of Oocyte Competence. Reproductive Sciences, 2014, 21, 1370-1377.	1.1	28
18	The extremely low frequency electromagnetic stimulation selective for cancer cells elicits growth arrest through a metabolic shift. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1389-1397.	1.9	26

#	ARTICLE	IF	CITATIONS
19	Endothelial Dysfunction Marker Variation in Young Adults with Chronic Apical Periodontitis before and after Endodontic Treatment. <i>Journal of Endodontics</i> , 2019, 45, 500-506.	1.4	24
20	Hyperglycemia Promotes Chemoresistance Through the Reduction of the Mitochondrial DNA Damage, the Bax/Bcl-2 and Bax/Bcl-XL Ratio, and the Cells in Sub-G1 Phase Due to Antitumoral Drugs Induced-Cytotoxicity in Human Colon Adenocarcinoma Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 866.	1.6	22
21	Absence of soluble CD14 in saliva of young patients with dental caries. <i>European Journal of Oral Sciences</i> , 2007, 115, 93-96.	0.7	20
22	The concentration of nitrite in seminal plasma does not correlate with sperm concentration, sperm motility, leukocytospermia, or sperm culture. <i>Fertility and Sterility</i> , 2001, 76, 496-500.	0.5	18
23	Thermomagnetic resonance affects cancer growth and motility. <i>Royal Society Open Science</i> , 2020, 7, 200299.	1.1	18
24	Human Recombinant FSH and Its Biosimilars: Clinical Efficacy, Safety, and Cost-Effectiveness in Controlled Ovarian Stimulation for In Vitro Fertilization. <i>Pharmaceuticals</i> , 2020, 13, 136.	1.7	18
25	The toxic effect of fluoride on MG-63 osteoblast cells is also dependent on the production of nitric oxide. <i>Chemico-Biological Interactions</i> , 2011, 190, 179-186.	1.7	17
26	Gold-containing bioactive glasses: a solid-state synthesis to produce alternative biomaterials for bone implantations. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20121040.	1.5	16
27	Oocyte polarized light microscopy, assay of specific follicular fluid metabolites, and gene expression in cumulus cells as different approaches to predict fertilization efficiency after ICSI. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 47.	1.4	14
28	Simian Virus 40 Infection Down-Regulates the Expression of Nitric Oxide Synthase in Human Mesothelial Cells. <i>Cancer Research</i> , 2004, 64, 4082-4084.	0.4	13
29	Altered nitric oxide/cGMP platelet signaling pathway in platelets from patients with acute coronary syndromes. <i>Clinical Research in Cardiology</i> , 2010, 99, 557-564.	1.5	13
30	Novel bio-conjugate materials: soybean peroxidase immobilized on bioactive glasses containing Au nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 10970.	6.7	13
31	Effects of TiO ₂ -containing phosphate glasses on solubility and <i>in vitro</i> biocompatibility. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 295-306.	2.1	13
32	Increase in Periodontal Interleukin-1 β Gene Expression Following Osseous Resective Surgery Using Conventional Rotary Instruments Compared with Piezosurgery: A Split-Mouth Randomized Clinical Trial. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016, 36, 489-496.	0.4	10
33	Human recombinant FSH induces chemoresistance in human breast cancer cells via HIF-1 α activation. <i>Biology of Reproduction</i> , 2019, 100, 1521-1535.	1.2	10
34	Morphokinetic analysis of cleavage stage embryos and assessment of specific gene expression in cumulus cells independently predict human embryo development to expanded blastocyst: a preliminary study. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1409-1420.	1.2	10
35	Antioxidant and Anti-Inflammatory Activity of Combined Phycocyanin and Palmitoylethanolamide in Human Lung and Prostate Epithelial Cells. <i>Antioxidants</i> , 2022, 11, 201.	2.2	10
36	Nitroarginine methyl ester and canavanine lower intracellular reduced glutathione. <i>Free Radical Biology and Medicine</i> , 2003, 35, 1210-1216.	1.3	7

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37	Oxidative Stress, Lipid Peroxidation, and Loss of Hyaluronic Acid in the Human Vitreous Affected by Synchrony Scintillans. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-8.	0.6	7
38	Oral L-Cysteine Supplementation Enhances the Long Term-Effect of Topical Basic Fibroblast Growth Factor (bFGF) in Reducing the Corneal Haze after Photorefractive Keratectomy in Myopic Patients. <i>Pharmaceuticals</i> , 2020, 13, 67.	1.7	7
39	The cold eye irrigation BSS solution used during phacoemulsification reduces post-surgery patients discomfort preventing the inflammation. <i>European Journal of Ophthalmology</i> , 2021, , 112067212110183.	0.7	7
40	Pyruvate Treatment Restores the Effectiveness of Chemotherapeutic Agents in Human Colon Adenocarcinoma and Pleural Mesothelioma Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3550.	1.8	6
41	Natural Epigenetic Modulators of Vitamin D Receptor. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4096.	1.3	6
42	Vitamin D and Beta-Glucans Synergically Stimulate Human Macrophage Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4869.	1.8	5
43	Role of Cold Balanced Salt Solution (BSS) in the Prophylaxis of Cystoid Macular Edema After Cataract Surgery: A Prospective Randomized Study. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 2519-2526.	0.9	5
44	TGF Beta Induces Vitamin D Receptor and Modulates Mitochondrial Activity of Human Pancreatic Cancer Cells. <i>Cancers</i> , 2021, 13, 2932.	1.7	5
45	The Potential of Visible and Far-Red to Near-Infrared Light in Glaucoma Neuroprotection. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5872.	1.3	4
46	Identification of Redox-Sensitive Transcription Factors as Markers of Malignant Pleural Mesothelioma. <i>Cancers</i> , 2021, 13, 1138.	1.7	3
47	Induction of oxidative stress in human aqueous and vitreous humors by Nd:YAG laser posterior capsulotomy. <i>International Journal of Ophthalmology</i> , 2018, 11, 1145-1151.	0.5	3
48	Luteal Support with very Low Daily Dose of Human Chorionic Gonadotropin after Fresh Embryo Transfer as an Alternative to Cycle Segmentation for High Responders Patients Undergoing Gonadotropin-Releasing Hormone Agonist-Triggered IVF. <i>Pharmaceuticals</i> , 2021, 14, 228.	1.7	2
49	In vitro generation of primary cultures of human hyalocytes. <i>Molecular Vision</i> , 2020, 26, 818-829.	1.1	2
50	Interleukin-1 gene cluster polymorphisms and gingival recessions after orthodontic treatment. <i>Progress in Orthodontics</i> , 2008, 9, 40-7.	1.3	1
51	Whey Derivatives and Galactooligosaccharides Stimulate the Wound Healing and the Function of Human Keratinocytes through the NF- κ B and FOXO-1 Signaling Pathways. <i>Nutrients</i> , 2022, 14, 2888.	1.7	1
52	P α 241 Construction of a Machine Learning algorithm based on early morphokinetics for human blastocyst development prediction: a retrospective analysis of 575 cleavage-stage embryos. <i>Human Reproduction</i> , 2021, 36, .	0.4	0
53	Editorial of Special Issue "The Role of Vitamin D in Human Health and Diseases". <i>International Journal of Molecular Sciences</i> , 2022, 23, 4283.	1.8	0