Elisabetta Bigagli

List of Publications by Year in descending order

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46 papers	1,956 citations	304602 22 h-index	243529 44 g-index
46 all docs	46 docs citations	46 times ranked	3941 citing authors

#	Article	IF	Citations
1	Oxidative Stress and Air Pollution Exposure. Journal of Toxicology, 2011, 2011, 1-9.	1.4	455
2	Circulating Oxidative Stress Biomarkers in Clinical Studies on Type 2 Diabetes and Its Complications. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-17.	1.9	117
3	Pharmacological Effects of Exogenous NAD on Mitochondrial Bioenergetics, DNA Repair, and Apoptosis. Molecular Pharmacology, 2011, 80, 1136-1146.	1.0	109
4	Exosomes secreted from human colon cancer cells influence the adhesion of neighboring metastatic cells: Role of microRNA-210. Cancer Biology and Therapy, 2016, 17, 1062-1069.	1.5	89
5	Nutritionally relevant concentrations of resveratrol and hydroxytyrosol mitigate oxidative burst of human granulocytes and monocytes and the production of pro-inflammatory mediators in LPS-stimulated RAW 264.7 macrophages. International Immunopharmacology, 2017, 43, 147-155.	1.7	89
6	Oxidative DNA damage and plasma antioxidant capacity in type 2 diabetic patients with good and poor glycaemic control. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 638, 98-102.	0.4	76
7	Antioxidant vitamins and mineral supplementation, life span expansion and cancer incidence: a critical commentary. European Journal of Nutrition, 2012, 51, 769-781.	1.8	65
8	Nanoemulsion for improving solubility and permeability of Vitex agnus-castus extract: formulation and in vitro evaluation using PAMPA and Caco-2 approaches. Drug Delivery, 2017, 24, 380-390.	2.5	61
9	Effects of dietary extra-virgin olive oil on behaviour and brain biochemical parameters in ageing rats. British Journal of Nutrition, 2010, 103, 1674-1683.	1.2	60
10	Aging related changes in circulating reactive oxygen species (ROS) and protein carbonyls are indicative of liver oxidative injury. Toxicology Reports, 2018, 5, 141-145.	1.6	57
11	A nutrigenomics approach for the study of anti-aging interventions: olive oil phenols and the modulation of gene and microRNA expression profiles in mouse brain. European Journal of Nutrition, 2017, 56, 865-877.	1.8	53
12	3â€iodothyronamine: a modulator of the hypothalamusâ€pancreasâ€thyroid axes in mice. British Journal of Pharmacology, 2012, 166, 650-658.	2.7	52
13	Long-term Neuroglial Cocultures as a Brain Aging Model: Hallmarks of Senescence, MicroRNA Expression Profiles, and Comparison With In Vivo Models. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 50-60.	1.7	46
14	Reduction of colonic inflammation in HLA-B27 transgenic rats by feeding Marie MÃ©nard apples, rich in polyphenols. British Journal of Nutrition, 2009, 102, 1620.	1.2	43
15	Biomarkers of Induced Active and Passive Smoking Damage. International Journal of Environmental Research and Public Health, 2009, 6, 874-888.	1.2	37
16	Pharmacological activities of an eye drop containing Matricaria chamomilla and Euphrasia officinalis extracts in UVB-induced oxidative stress and inflammation of human corneal cells. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 618-625.	1.7	34
17	Î²3-Adrenoreceptors Control Mitochondrial Dormancy in Melanoma and Embryonic Stem Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	34
18	Analysis of Oxidative Stress-Related Markers in Crohnâ€™s Disease Patients at Surgery and Correlations with Clinical Findings. Antioxidants, 2019, 8, 378.	2.2	34

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19	Prediction of Permeation and Cellular Transport of Silybum marianum Extract Formulated in a Nanoemulsion by Using PAMPA and Caco-2 Cell Models. Planta Medica, 2017, 83, 1184-1193.	0.7	31
20	In vitro toxicity of microalgal and cyanobacterial strains of interest as food source. Journal of Applied Phycology, 2017, 29, 199-209.	1.5	28
21	Safety evaluations and lipid-lowering activity of an Arthrospira platensis enriched diet: A 1-month study in rats. Food Research International, 2017, 102, 380-386.	2.9	26
22	Transcriptomic Characterization, Chemosensitivity and Regulatory Effects of Exosomes in Spontaneous EMT/MET Transitions of Breast Cancer Cells. Cancer Genomics and Proteomics, 2019, 16, 163-173.	1.0	23
23	Extremely low copper concentrations affect gene expression profiles of human prostate epithelial cell lines. Chemico-Biological Interactions, 2010, 188, 214-219.	1.7	22
24	DNA copy number alterations, gene expression changes and disease-free survival in patients with colorectal cancer: a 10 year follow-up. Cellular Oncology (Dordrecht), 2016, 39, 545-558.	2.1	22
25	New NO- and H2S-releasing doxorubicins as targeted therapy against chemoresistance in castration-resistant prostate cancer: in vitro and in vivo evaluations. Investigational New Drugs, 2018, 36, 985-998.	1.2	22
26	Exploring the effects of homeopathic Apis mellifica preparations on human gene expressionÂprofiles. Homeopathy, 2014, 103, 127-132.	0.5	21
27	Exposure of cardiomyocytes to angiotensin II induces over-activation of monoamine oxidase type A: Implications in heart failure. European Journal of Pharmacology, 2013, 718, 271-276.	1.7	20
28	Gender-related drug effect on several markers of oxidation stress in diabetes patients with and without complications. European Journal of Pharmacology, 2015, 766, 86-90.	1.7	19
29	Losartan reduces oxidative damage to renal DNA and conserves plasma antioxidant capacity in diabetic rats. Experimental Biology and Medicine, 2015, 240, 1500-1504.	1.1	18
30	The protective effect of losartan in the nephropathy of the diabetic rat includes the control of monoamine oxidase type A activity. Pharmacological Research, 2012, 65, 465-471.	3.1	17
31	Dietary Extra-Virgin Olive Oil Polyphenols Do Not Attenuate Colon Inflammation in Transgenic HLAB-27 Rats but Exert Hypocholesterolemic Effects through the Modulation of HMGCR and PPAR-Î± Gene Expression in the Liver. Lifestyle Genomics, 2018, 11, 99-108.	0.6	17
32	Preliminary data on the dietary safety, tolerability and effects on lipid metabolism of the marine microalga Tisochrysis lutea. Algal Research, 2018, 34, 244-249.	2.4	17
33	Effects of Extreme Dilutions of Apis mellifica Preparations on Gene Expression Profiles of Human Cells. Dose-Response, 2016, 14, 155932581562668.	0.7	16
34	A Comparative In Vitro Evaluation of the Anti-Inflammatory Effects of a Tisochrysis lutea Extract and Fucoxanthin. Marine Drugs, 2021, 19, 334.	2.2	15
35	Development and characterization of an in vitro model of colorectal adenocarcinoma with MDR phenotype. Cancer Medicine, 2016, 5, 1279-1291.	1.3	14
36	Enhanced Solubility and Permeability of Salicis cortex Extract by Formulating as a Microemulsion. Planta Medica, 2018, 84, 976-984.	0.7	14

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37	Extracellular vesicles miRâ€210 as a potential biomarker for diagnosis and survival prediction of oral squamous cell carcinoma patients. Journal of Oral Pathology and Medicine, 2022, 51, 350-357.	1.4	12
38	Role of Macrophages and Mast Cells as Key Players in the Maintenance of Gastrointestinal Smooth Muscle Homeostasis and Disease. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1849-1862.	2.3	12
39	Effects of New NSAID-CAI Hybrid Compounds in Inflammation and Lung Fibrosis. Biomolecules, 2020, 10, 1307.	1.8	11
40	Hydrochlorothiazide Use and Risk of Nonmelanoma Skin Cancers: A Biological Plausibility Study. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	11
41	F9 missense mutations impairing factor IX activation are associated with pleiotropic plasma phenotypes. Journal of Thrombosis and Haemostasis, 2022, 20, 69-81.	1.9	9
42	Ethyl acetate extract from Cistus x incanus L.Âleaves enriched in myricetin and quercetin derivatives, inhibits inflammatory mediators and activates Nrf2/HO-1 pathway in LPS-stimulated RAW 264.7 macrophages. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2021, 76, 79-86.	0.6	8
43	Protective Effect of Resveratrol against Oxidation Stress Induced by 2-Nitropropane in Rat Liver. Pharmacology & Pharmacy, 2011, 02, 127-135.	0.2	8
44	Effect of Dipeptidyl-Peptidase 4 Inhibitors on Circulating Oxidative Stress Biomarkers in Patients with Type 2 Diabetes Mellitus. Antioxidants, 2020, 9, 233.	2.2	7
45	MiRNA-Based Therapies for the Treatment of Inflammatory Bowel Disease: What Are We Still Missing?. Inflammatory Bowel Diseases, 0, , .	0.9	3
46	A reverse translational pharmacological approach to understand the underlying mechanisms of the reported association between hydrochlorothiazide and non-melanoma skin cancer. Journal of Hypertension, 2022, 40, 1647-1649.	0.3	2