

Emanuela Maioli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2730510/publications.pdf>

Version: 2024-02-01

123
papers

3,702
citations

126858

33
h-index

175177

52
g-index

124
all docs

124
docs citations

124
times ranked

5170
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutaneous responses to environmental stressors. <i>Annals of the New York Academy of Sciences</i> , 2012, 1271, 75-81.	1.8	176
2	Skin Damage Mechanisms Related to Airborne Particulate Matter Exposure. <i>Toxicological Sciences</i> , 2016, 149, 227-236.	1.4	141
3	The Magic Velvet Bean of <i>Mucuna pruriens</i> . <i>Journal of Traditional and Complementary Medicine</i> , 2012, 2, 331-339.	1.5	139
4	Oxidative brain damage in <i>Mecp2</i> -mutant murine models of Rett syndrome. <i>Neurobiology of Disease</i> , 2014, 68, 66-77.	2.1	118
5	Antioxidants and the Response of Skin to Oxidative Stress: Vitamin E as a Key Indicator. <i>Skin Pharmacology and Physiology</i> , 2002, 15, 282-290.	1.1	106
6	F2-dihomo-isoprostanes as potential early biomarkers of lipid oxidative damage in Rett syndrome. <i>Journal of Lipid Research</i> , 2011, 52, 2287-2297.	2.0	93
7	Scavenger receptor class B type I: a multifunctional receptor. <i>Annals of the New York Academy of Sciences</i> , 2011, 1229, E1-7.	1.8	92
8	Nrf2 activation as target to implement therapeutic treatments. <i>Frontiers in Chemistry</i> , 2015, 3, 4.	1.8	91
9	Successful aging, dietary habits and health status of elderly individuals: A k-dimensional approach within the multi-national MEDIS study. <i>Experimental Gerontology</i> , 2014, 60, 57-63.	1.2	70
10	Hydrostatic Pressure Regulates MicroRNA Expression Levels in Osteoarthritic Chondrocyte Cultures via the Wnt/ β 2-Catenin Pathway. <i>International Journal of Molecular Sciences</i> , 2017, 18, 133.	1.8	66
11	Cholesterol Metabolism Is Altered in Rett Syndrome: A Study on Plasma and Primary Cultured Fibroblasts Derived from Patients. <i>PLoS ONE</i> , 2014, 9, e104834.	1.1	65
12	Ozone potentiates vitamin E depletion by ultraviolet radiation in the murine stratum corneum. <i>FEBS Letters</i> , 2000, 466, 165-168.	1.3	63
13	Effect of benzoyl peroxide on antioxidant status, NF- κ B activity and interleukin-1 α gene expression in human keratinocytes. <i>Toxicology</i> , 2001, 165, 225-234.	2.0	63
14	Genes Related to Mitochondrial Functions, Protein Degradation, and Chromatin Folding Are Differentially Expressed in Lymphomonocytes of Rett Syndrome Patients. <i>Mediators of Inflammation</i> , 2013, 2013, 1-18.	1.4	62
15	Resveratrol: from diet to topical usage. <i>Food and Function</i> , 2017, 8, 3879-3892.	2.1	61
16	Subclinical Inflammatory Status in Rett Syndrome. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	1.4	60
17	Oxidative Challenge in Alzheimer's Disease: State of Knowledge and Future Needs. <i>Journal of Investigative Medicine</i> , 2016, 64, 21-32.	0.7	60
18	Nanostructured lipid systems modified with waste material of propolis for wound healing: Design, in vitro and in vivo evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 441-452.	2.5	57

#	ARTICLE	IF	CITATIONS
19	Cytokines profile and peripheral blood mononuclear cells morphology in Rett and autistic patients. <i>Cytokine</i> , 2016, 77, 180-188.	1.4	55
20	Modulation of cutaneous wound healing by ozone: Differences between young and aged mice. <i>Toxicology Letters</i> , 2006, 160, 127-134.	0.4	53
21	Exploring the possible link between MeCP2 and oxidative stress in Rett syndrome. <i>Free Radical Biology and Medicine</i> , 2015, 88, 81-90.	1.3	53
22	Targeted lipidomics distinguishes patient subgroups in mild cognitive impairment (MCI) and late onset Alzheimer's disease (LOAD). <i>BBA Clinical</i> , 2016, 5, 25-28.	4.1	50
23	Systemic Oxidative Stress and Conversion to Dementia of Elderly Patients with Mild Cognitive Impairment. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	49
24	OxInflammation in Rett syndrome. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 246-253.	1.2	48
25	Mediterranean diet and depression among older individuals: The multinational MEDIS study. <i>Experimental Gerontology</i> , 2018, 110, 67-72.	1.2	48
26	Rottlerin Inhibits ROS Formation and Prevents NF- κ B Activation in MCF-7 and HT-29 Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-7.	3.0	47
27	Decreased arylesterase activity of paraoxonase-1 (PON-1) might be a common denominator of neuroinflammatory and neurodegenerative diseases. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 356-363.	1.2	47
28	Impaired enzymatic defensive activity, mitochondrial dysfunction and proteasome activation are involved in RTT cell oxidative damage. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2066-2074.	1.8	44
29	Effect of nanostructured lipid vehicles on percutaneous absorption of curcumin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 121-132.	2.0	41
30	Protective Effects of Topical Vitamin C Compound Mixtures against Ozone-Induced Damage in Human Skin. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1373-1375.	0.3	39
31	Nanostructured lipid carriers (NLC) for the delivery of natural molecules with antimicrobial activity: production, characterisation and <i>in vitro</i> studies. <i>Journal of Microencapsulation</i> , 2017, 34, 63-72.	1.2	38
32	Proinflammatory properties and oxidative effects of atmospheric particle components in human keratinocytes. <i>Chemosphere</i> , 2020, 240, 124746.	4.2	38
33	Ozone-induced damage in 3D-Skin Model is prevented by topical vitamin C and vitamin E compound mixtures application. <i>Journal of Dermatological Science</i> , 2016, 82, 209-212.	1.0	37
34	Erythrocyte Shape Abnormalities, Membrane Oxidative Damage, and β -Actin Alterations: An Unrecognized Triad in Classical Autism. <i>Mediators of Inflammation</i> , 2013, 2013, 1-11.	1.4	35
35	Additive effect of combined pollutants to UV induced skin OxInflammation damage. Evaluating the protective topical application of a cosmeceutical mixture formulation. <i>Redox Biology</i> , 2020, 34, 101481.	3.9	35
36	First dual AK/GSK-3 β inhibitors endowed with antioxidant properties as multifunctional, potential neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 438-457.	2.6	33

#	ARTICLE	IF	CITATIONS
37	Redox regulation of cutaneous inflammasome by ozone exposure. <i>Free Radical Biology and Medicine</i> , 2020, 152, 561-570.	1.3	33
38	4-hydroxynonenal protein adducts: Key mediator in Rett syndrome oxinflammation. <i>Free Radical Biology and Medicine</i> , 2017, 111, 270-280.	1.3	32
39	Compromised immune/inflammatory responses in Rett syndrome. <i>Free Radical Biology and Medicine</i> , 2020, 152, 100-106.	1.3	29
40	Retention of Mitochondria in Mature Human Red Blood Cells as the Result of Autophagy Impairment in Rett Syndrome. <i>Scientific Reports</i> , 2017, 7, 12297.	1.6	28
41	Altered inflammasome machinery as a key player in the perpetuation of Rett syndrome oxinflammation. <i>Redox Biology</i> , 2020, 28, 101334.	3.9	28
42	Rottlerin Exhibits Antiangiogenic Effects <i>in vitro</i> . <i>Chemical Biology and Drug Design</i> , 2011, 77, 460-470.	1.5	27
43	Chondroprotective effect of three different classes of anti-inflammatory agents on human osteoarthritic chondrocytes exposed to IL-1 β . <i>International Immunopharmacology</i> , 2015, 28, 794-801.	1.7	27
44	Synthesis and biological evaluation of fluorinated 1,5-diarylpyrrole-3-alkoxyethyl ether derivatives as selective COX-2 inhibitors endowed with anti-inflammatory activity. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 99-106.	2.6	27
45	Mediterranean lifestyle and cardiovascular disease prevention. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 67, S39-S47.	0.7	27
46	Alternative Pathways of Cancer Cell Death by Rottlerin: Apoptosis versus Autophagy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	26
47	Resveratrol prevents cigarette smoke-induced keratinocytes damage. <i>Food and Function</i> , 2014, 5, 2348.	2.1	26
48	Skeletal muscle mass and body fat in relation to successful ageing of older adults: The multi-national MEDIS study. <i>Archives of Gerontology and Geriatrics</i> , 2016, 66, 95-101.	1.4	26
49	Mimicking cigarette smoke exposure to assess cutaneous toxicity. <i>Toxicology in Vitro</i> , 2020, 62, 104664.	1.1	26
50	Paraoxonase, arylesterase and lactonase activities of paraoxonase-1 (PON1) in obese and severely obese women. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 18-24.	0.6	25
51	Lifestyle determinants of healthy ageing in a Mediterranean population: The multinational MEDIS study. <i>Experimental Gerontology</i> , 2018, 110, 35-41.	1.2	25
52	Gallic acid loaded poloxamer gel as new adjuvant strategy for melanoma: A preliminary study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110613.	2.5	25
53	Rottlerin and curcumin: a comparative analysis. <i>Annals of the New York Academy of Sciences</i> , 2012, 1259, 65-76.	1.8	24
54	Evaluating the effect of ozone in UV induced skin damage. <i>Toxicology Letters</i> , 2021, 338, 40-50.	0.4	23

#	ARTICLE	IF	CITATIONS
55	Effect of parathyroid hormone-related protein on fibroblast proliferation and collagen metabolism in human skin. <i>Experimental Dermatology</i> , 2002, 11, 302-310.	1.4	22
56	Integrated Haematological Profiles of Redox Status, Lipid, and Inflammatory Protein Biomarkers in Benign Obesity and Unhealthy Obesity with Metabolic Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-14.	1.9	22
57	Role of Nrf2 in preventing oxidative stress induced chloride current alteration in human lung cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 6018-6027.	2.0	22
58	13-HODE, 9-HODE and ALOX15 as potential players in Rett syndrome OxInflammation. <i>Free Radical Biology and Medicine</i> , 2019, 134, 598-603.	1.3	22
59	Effect of new curcumin-containing nanostructured lipid dispersions on human keratinocytes proliferative responses. <i>Experimental Dermatology</i> , 2015, 24, 449-454.	1.4	21
60	Proteomic analysis of 4-hydroxynonenal and nitrotyrosine modified proteins in RTT fibroblasts. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 236-245.	1.2	21
61	Ozone mediators effect on <i>in vitro</i> scratch wound closure. <i>Free Radical Research</i> , 2016, 50, 1022-1031.	1.5	21
62	Low-grade systemic inflammation is associated with functional disability in elderly people affected by dementia. <i>GeroScience</i> , 2018, 40, 61-69.	2.1	21
63	Trehalose inhibits cell proliferation and amplifies long-term temozolomide and radiation induced cytotoxicity in melanoma cells: A role for autophagy and premature senescence. <i>Journal of Cellular Physiology</i> , 2019, 234, 11708-11721.	2.0	21
64	Inflammasome Activation in Pollution-Induced Skin Conditions. <i>Plastic and Reconstructive Surgery</i> , 2021, 147, 15S-24S.	0.7	21
65	Proteomic profiling reveals mitochondrial alterations in Rett syndrome. <i>Free Radical Biology and Medicine</i> , 2020, 155, 37-48.	1.3	20
66	Inflammatory Lung Disease in Rett Syndrome. <i>Mediators of Inflammation</i> , 2014, 2014, 1-15.	1.4	19
67	Antiproliferative Effect of Rottlerin on Sk-Mel-28 Melanoma Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	19
68	Alteration of serum lipid profile, SRB1 loss, and impaired Nrf2 activation in CDKL5 disorder. <i>Free Radical Biology and Medicine</i> , 2015, 86, 156-165.	1.3	19
69	Rottlerin-mediated inhibition of <i>Toxoplasma gondii</i> growth in BeWo trophoblast-like cells. <i>Scientific Reports</i> , 2017, 7, 1279.	1.6	19
70	Lactonase Activity and Lipoprotein-Phospholipase A ₂ as Possible Novel Serum Biomarkers for the Differential Diagnosis of Autism Spectrum Disorders and Rett Syndrome: Results from a Pilot Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	1.9	19
71	Development of Potent Inhibitors of Fatty Acid Amide Hydrolase Useful for the Treatment of Neuropathic Pain. <i>ChemMedChem</i> , 2018, 13, 2090-2103.	1.6	19
72	Impaired mitochondrial quality control in Rett Syndrome. <i>Archives of Biochemistry and Biophysics</i> , 2021, 700, 108790.	1.4	18

#	ARTICLE	IF	CITATIONS
73	Beta-Actin Deficiency with Oxidative Posttranslational Modifications in Rett Syndrome Erythrocytes: Insights into an Altered Cytoskeletal Organization. <i>PLoS ONE</i> , 2014, 9, e93181.	1.1	18
74	Effect of combined mulberry leaf and fruit extract on liver and skin cholesterol transporters in high fat diet-induced obese mice. <i>Nutrition Research and Practice</i> , 2014, 8, 20.	0.7	17
75	The Loss of Cellular Junctions in Epithelial Lung Cells Induced by Cigarette Smoke Is Attenuated by Corilagin. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-12.	1.9	17
76	Circadian clock as possible protective mechanism to pollution induced keratinocytes damage. <i>Mechanisms of Ageing and Development</i> , 2018, 172, 13-20.	2.2	17
77	Distribution of Paraoxonase-1 (PON-1) and Lipoprotein Phospholipase A2 (Lp-PLA2) across Lipoprotein Subclasses in Subjects with Type 2 Diabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	17
78	Role of the Macrophage Migration Inhibitory Factor (MIF) in the survival of first trimester human placenta under induced stress conditions. <i>Scientific Reports</i> , 2018, 8, 12150.	1.6	17
79	NADPH oxidase and mitochondria are relevant sources of superoxide anion in the oxinflammatory response of macrophages exposed to airborne particulate matter. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111186.	2.9	17
80	Alterations in oxygen metabolism are associated to lung toxicity triggered by silver nanoparticles exposure. <i>Free Radical Biology and Medicine</i> , 2021, 166, 324-336.	1.3	16
81	Monoolein aqueous dispersions as a delivery system for quercetin. <i>Biomedical Microdevices</i> , 2017, 19, 41.	1.4	15
82	Involvement of cutaneous SR-B1 in skin lipid homeostasis. <i>Archives of Biochemistry and Biophysics</i> , 2019, 666, 1-7.	1.4	15
83	SRB1 as a new redox target of cigarette smoke in human sebocytes. <i>Free Radical Biology and Medicine</i> , 2017, 102, 47-56.	1.3	14
84	Modulation of cutaneous scavenger receptor B1 levels by exogenous stressors impairs <i>in vitro</i> wound closure. <i>Mechanisms of Ageing and Development</i> , 2018, 172, 78-85.	2.2	14
85	SR-B1 involvement in keratinocytes <i>in vitro</i> wound closure. <i>Archives of Biochemistry and Biophysics</i> , 2018, 658, 1-6.	1.4	14
86	Development of novel multipotent compounds modulating endocannabinoid and dopaminergic systems. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111674.	2.6	14
87	Ambient ozone and bacterium <i>Streptococcus</i> : A link between cellulitis and pharyngitis. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2015, 28, 771-774.	0.6	14
88	Production and Characterization of Nanoparticle Based Hyaluronate Gel Containing Retinyl Palmitate for Wound Healing. <i>Current Drug Delivery</i> , 2018, 15, 1172-1182.	0.8	13
89	Effects of <i>n</i> -3 Polyunsaturated Fatty Acids on Plasma Proteome in Rett Syndrome. <i>Mediators of Inflammation</i> , 2013, 2013, 1-9.	1.4	12
90	Is car use related with successful aging of older adults? Results from the multinational Mediterranean islands study. <i>Annals of Epidemiology</i> , 2017, 27, 225-229.	0.9	12

#	ARTICLE	IF	CITATIONS
91	Conjugation of LasR Quorum-Sensing Inhibitors with Ciprofloxacin Decreases the Antibiotic Tolerance of <i>P. aeruginosa</i> Clinical Strains. <i>Journal of Chemistry</i> , 2019, 2019, 1-13.	0.9	12
92	A Plasma Proteomic Approach in Rett Syndrome: Classical versus Preserved Speech Variant. <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	1.4	11
93	The Role of Energy Balance in Successful Aging Among Elderly Individuals. <i>Journal of Aging and Health</i> , 2015, 27, 1375-1391.	0.9	11
94	Modulation of Chloride Currents in Human Lung Epithelial Cells Exposed to Exogenous Oxidative Stress. <i>Journal of Cellular Physiology</i> , 2017, 232, 1817-1825.	2.0	11
95	Defective proteasome biogenesis into skin fibroblasts isolated from Rett syndrome subjects with MeCP2 non-sense mutations. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165793.	1.8	11
96	The PDE4 inhibitor CHF6001 affects keratinocyte proliferation via cellular redox pathways. <i>Archives of Biochemistry and Biophysics</i> , 2020, 685, 108355.	1.4	10
97	Successful Aging among Elders Living in the Mani Continental Region vs. Insular Areas of the Mediterranean: the MEDIS Study. , 2016, 7, 285.		9
98	The constitutive activation of TLR4-IRAK1- NF κ B axis is involved in the early NLRP3 inflammasome response in peripheral blood mononuclear cells of Rett syndrome patients. <i>Free Radical Biology and Medicine</i> , 2022, 181, 1-13.	1.3	9
99	Parathyroid Hormone-Related Protein in Preeclampsia: A Linkage Between Maternal and Fetal Failures. <i>Biology of Reproduction</i> , 2004, 71, 1779-1784.	1.2	8
100	Redox regulation of inflammatory processes. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 234-235.	1.2	8
101	TRAIL and Ceruloplasmin Inverse Correlation as a Representative Crosstalk between Inflammation and Oxidative Stress. <i>Mediators of Inflammation</i> , 2018, 2018, 1-8.	1.4	8
102	Involvement of the TREK κ 1 channel in human alveolar cell membrane potential and its regulation by inhibitors of the chloride current. <i>Journal of Cellular Physiology</i> , 2019, 234, 17704-17713.	2.0	8
103	Cutaneous antimicrobial peptides: New α -reactors in pollution related inflammatory conditions. <i>Redox Biology</i> , 2021, 41, 101952.	3.9	8
104	Ozonated Oils and Cutaneous Wound Healing. <i>Current Pharmaceutical Design</i> , 2019, 25, 2264-2278.	0.9	8
105	Proteomic profiling and post-translational modifications in human keratinocytes treated with <i>Mucuna pruriens</i> leaf extract. <i>Journal of Ethnopharmacology</i> , 2014, 151, 873-881.	2.0	7
106	Abnormal N-glycosylation pattern for brain nucleotide pyrophosphatase-5 (NPP-5) in Mecp2-mutant murine models of Rett syndrome. <i>Neuroscience Research</i> , 2016, 105, 28-34.	1.0	7
107	Potassium Ascorbate with Ribose: Promising Therapeutic Approach for Melanoma Treatment. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	7
108	Mechanisms involved in the unbalanced redox homeostasis in osteoblastic cellular model of Alkaptonuria. <i>Archives of Biochemistry and Biophysics</i> , 2020, 690, 108416.	1.4	7

#	ARTICLE	IF	CITATIONS
109	Bench approaches to study the detrimental cutaneous impact of tropospheric ozone. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 137-148.	1.8	7
110	Scavenger Receptor B1 oxidative post-translational modifications are responsible for its loss in Rett syndrome. <i>Free Radical Biology and Medicine</i> , 2014, 75, S10-S11.	1.3	5
111	Bone status in relation to ambulatory performance in girls with Rett syndrome: a 10-year longitudinal study. <i>Pediatric Research</i> , 2019, 85, 639-643.	1.1	5
112	KRIT1 as a possible new player in melanoma aggressiveness. <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108483.	1.4	5
113	A proteomics approach to further highlight the altered inflammatory condition in Rett syndrome. <i>Archives of Biochemistry and Biophysics</i> , 2020, 696, 108660.	1.4	5
114	Synthesis and Evaluation of Indole Based Molecules for Treatment of Oxidative Stress Related Diseases. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 2576-2589.	1.0	5
115	Innovative Approaches in Environmental Medicine: Redox/Detoxification Biomarkers in Environmental Intolerances. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-2.	1.9	3
116	ES2 as a Novel Verbascoside-Derived Compound in the Treatment of Cutaneous Wound Healing. <i>Cosmetics</i> , 2018, 5, 65.	1.5	3
117	Multiple mechanisms of Rottlerin toxicity in A375 melanoma cells. <i>BioFactors</i> , 2019, 45, 920-929.	2.6	3
118	Is Parental Longevity Associated With the Cardiovascular Risk and the Successful Aging of Their Offspring? Results From the Multinational MEDIS Study. <i>Angiology</i> , 2017, 68, 124-131.	0.8	2
119	Editorial. <i>Free Radical Biology and Medicine</i> , 2015, 88, 1-2.	1.3	1
120	Influences of the vehicle in the spreading and release of betamethasone. <i>Therapeutic Delivery</i> , 2018, 9, 177-184.	1.2	1
121	Oxidative metabolism in the cardiorespiratory system after an acute exposure to nickel-doped nanoparticles in mice. <i>Toxicology</i> , 2021, 464, 153020.	2.0	1
122	Mitochondrial involvement in the development and progression of diseases. <i>Archives of Biochemistry and Biophysics</i> , 2021, 711, 109006.	1.4	0
123	Sirtuins as potential therapeutic targets for mitigating OxInflammation in typical Rett syndrome: plausible mechanisms and evidence. , 2022, 2022, R26-R39.		0