Ilaria Peluso

List of Publications by Year in descending order

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85541 126907 5,579 123 33 71 h-index citations g-index papers 123 123 123 8502 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Lifestyle, Oxidative Stress, and Antioxidants: Back and Forth in the Pathophysiology of Chronic Diseases. Frontiers in Physiology, 2020, 11, 694.	2.8	833
2	Measurement and Clinical Significance of Biomarkers of Oxidative Stress in Humans. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-32.	4.0	510
3	Flavonoids as anti-inflammatory agents. Proceedings of the Nutrition Society, 2010, 69, 273-278.	1.0	468
4	IL-21 Counteracts the Regulatory T Cell-Mediated Suppression of Human CD4+ T Lymphocytes. Journal of Immunology, 2007, 178, 732-739.	0.8	256
5	Oxidative Stress in Atherosclerosis Development: The Central Role of LDL and Oxidative Burst. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2012, 12, 351-360.	1.2	179
6	Antioxidants from black and green tea: from dietary modulation of oxidative stress to pharmacological mechanisms. British Journal of Pharmacology, 2017, 174, 1195-1208.	5 . 4	172
7	Control of matrix metalloproteinase production in human intestinal fibroblasts by interleukin 21. Gut, 2006, 55, 1774-1780.	12.1	159
8	A Functional Role for Interleukin-21 in Promoting the Synthesis of the T-Cell Chemoattractant, MIP-3α, by Gut Epithelial Cells. Gastroenterology, 2007, 132, 166-175.	1.3	152
9	Functional Foods for Health: The Interrelated Antioxidant and Anti-Inflammatory Role of Fruits, Vegetables, Herbs, Spices and Cocoa in Humans. Current Pharmaceutical Design, 2017, 22, 6701-6715.	1.9	150
10	Antioxidant, Immunomodulating, and Microbial-Modulating Activities of the Sustainable and Ecofriendly <i>Spirulina</i> Coxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	4.0	141
11	Neuroinflammation in Alzheimer's Disease. Advances in Protein Chemistry and Structural Biology, 2017, 108, 33-57.	2.3	129
12	Flavonoids and Immune Function in Human: A Systematic Review. Critical Reviews in Food Science and Nutrition, 2015, 55, 383-395.	10.3	126
13	Interleukin-12 and Th1 immune response in Crohn's disease: Pathogenetic relevance and therapeutic inplication. World Journal of Gastroenterology, 2006, 12, 5606.	3.3	117
14	MAPK signalling pathway in cancers: Olive products as cancer preventive and therapeutic agents. Seminars in Cancer Biology, 2019, 56, 185-195.	9.6	105
15	Non-Provitamin A and Provitamin A Carotenoids as Immunomodulators: Recommended Dietary Allowance, Therapeutic Index, or Personalized Nutrition?. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-20.	4.0	104
16	Plant-Derived Bioactives and Oxidative Stress-Related Disorders: A Key Trend towards Healthy Aging and Longevity Promotion. Applied Sciences (Switzerland), 2020, 10, 947.	2.5	103
17	IL-21 Is Highly Produced in <i> Helicobacter pylori</i> Infected Gastric Mucosa and Promotes Gelatinases Synthesis. Journal of Immunology, 2007, 178, 5957-5965.	0.8	94
18	Medicinal Plants in the Prevention and Treatment of Colon Cancer. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-51.	4.0	83

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19	Protease-Activated Receptor-2 Activation in Gastric Cancer Cells Promotes Epidermal Growth Factor Receptor Trans-Activation and Proliferation. American Journal of Pathology, 2006, 169, 268-278.	3.8	71
20	Dietary flavonoids: Nano delivery and nanoparticles for cancer therapy. Seminars in Cancer Biology, 2021, 69, 150-165.	9.6	71
21	Salivary and Urinary Total Antioxidant Capacity as Biomarkers of Oxidative Stress in Humans. Pathology Research International, 2016, 2016, 1-14.	1.4	69
22	Effect of flavonoids on circulating levels of TNF- \hat{l}_{\pm} and IL-6 in humans: A systematic review and meta-analysis. Molecular Nutrition and Food Research, 2013, 57, 784-801.	3.3	65
23	The relationship between body weight and inflammation: Lesson from anti-TNF-α antibody therapy. Human Immunology, 2016, 77, 47-53.	2.4	57
24	High Fat Meal Increase of IL-17 is Prevented by Ingestion of Fruit Juice Drink in Healthy Overweight Subjects. Current Pharmaceutical Design, 2012, 18, 85-90.	1.9	51
25	Lactobacillus paracasei subsp. paracasei B21060 Suppresses Human T-Cell Proliferation. Infection and Immunity, 2007, 75, 1730-1737.	2.2	47
26	Modulation of Plasma Non Enzimatic Antioxidant Capacity (NEAC) by Plant Foods: the Role of Polyphenol. Current Topics in Medicinal Chemistry, 2011, 11, 1821-1846.	2.1	46
27	Consumption of Mixed Fruit-juice Drink and Vitamin C Reduces Postprandial Stress Induced by a High Fat Meal in Healthy Overweight Subjects. Current Pharmaceutical Design, 2014, 20, 1020-1024.	1.9	44
28	Effects of Olive Oil on TNF- \hat{l}_{\pm} and IL-6 in Humans: Implication in Obesity and Frailty. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2017, 18, 63-74.	1.2	42
29	Antioxidant and inflammatory response following high-fat meal consumption in overweight subjects. European Journal of Nutrition, 2013, 52, 1107-1114.	3.9	40
30	Interactions between prebiotics, probiotics, polyunsaturated fatty acids and polyphenols: diet or supplementation for metabolic syndrome prevention?. International Journal of Food Sciences and Nutrition, 2014, 65, 259-267.	2.8	40
31	Mediterranean Diet for the Prevention of Gestational Diabetes in the Covid-19 Era: Implications of Il-6 In Diabesity. International Journal of Molecular Sciences, 2021, 22, 1213.	4.1	40
32	Diet in neurogenic bowel management: A viewpoint on spinal cord injury. World Journal of Gastroenterology, 2020, 26, 2479-2497.	3.3	39
33	Fruit juice drinks prevent endogenous antioxidant response to high-fat meal ingestion. British Journal of Nutrition, 2014, 111, 294-300.	2.3	38
34	Flavonoids at the pharma-nutrition interface: Is a therapeutic index in demand?. Biomedicine and Pharmacotherapy, 2015, 71, 102-107.	5. 6	34
35	Entomophagy: A Narrative Review on Nutritional Value, Safety, Cultural Acceptance and A Focus on the Role of Food Neophobia in Italy. European Journal of Investigation in Health, Psychology and Education, 2020, 10, 628-643.	1.9	33
36	Modulation of apoptosis and improved redox metabolism with the use of a new antioxidant formula. Biochemical Pharmacology, 2002, 63, 1305-1314.	4.4	32

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37	Plasma total antioxidant capacity and peroxidation biomarkers in psoriasis. Journal of Biomedical Science, 2016, 23, 52.	7. O	32
38	Anthocyanins: Multi-Target Agents for Prevention and Therapy of Chronic Diseases. Current Pharmaceutical Design, 2018, 23, 6321-6346.	1.9	32
39	Antioxidant and Signal-Modulating Effects of Brown Seaweed-Derived Compounds against Oxidative Stress-Associated Pathology. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-22.	4.0	31
40	Association of antioxidant nutraceuticals and acetaminophen (paracetamol): Friend or foe?. Journal of Food and Drug Analysis, 2018, 26, S78-S87.	1.9	29
41	Antiangiogenic Effect of Alkaloids. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	4.0	26
42	Health Benefits of Tea. Oxidative Stress and Disease, 2011, , 239-261.	0.3	25
43	Anti-Inflammatory and Immunomodulatory Effects of Barberry (<i>Berberis vulgaris</i>) and Its Main Compounds. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10.	4.0	25
44	5-Aminosalicylic acid enhances anchorage-independent colorectal cancer cell death. European Journal of Cancer, 2006, 42, 2609-2616.	2.8	23
45	Natural Products for Neurodegeneration: Regulating Neurotrophic Signals. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	23
46	Total Antioxidant Capacity in beta-thalassemia: A systematic review and meta-analysis of case-control studies. Critical Reviews in Oncology/Hematology, 2017, 110, 35-42.	4.4	21
47	Evaluation of Combining Ability and Heterosis of Popular Restorer and Male Sterile Lines for the Development of Superior Rice Hybrids. Agronomy, 2022, 12, 965.	3.0	21
48	Decolorization and Degradation of Methyl Orange Azo Dye in Aqueous Solution by the Electro Fenton Process: Application of Optimization. Catalysts, 2022, 12, 665.	3.5	21
49	INTESTINAL MOTILITY DISORDER INDUCED BY FREE RADICALS: A NEW MODEL MIMICKING OXIDATIVE STRESS IN GUT. Pharmacological Research, 2002, 46, 533-538.	7.1	20
50	Camellia sinensis in asymptomatic hyperuricemia: A meta-analysis of tea or tea extract effects on uric acid levels. Critical Reviews in Food Science and Nutrition, 2017, 57, 391-398.	10.3	18
51	Bacteria and mucosal immunity. Digestive and Liver Disease, 2006, 38, S256-S260.	0.9	17
52	Salivary Stress/Immunological Markers in Crohn's Disease and Ulcerative Colitis. International Journal of Molecular Sciences, 2020, 21, 8562.	4.1	17
53	Early Kidney Damage Markers after Deferasirox Treatment in Patients with Thalassemia Major: A Case-Control Study. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-8.	4.0	16
54	Assessment of Exercise Stroke Volume and Its Prediction From Oxygen Pulse in Paralympic Athletes With Locomotor Impairments: Cardiac Long-Term Adaptations Are Possible. Frontiers in Physiology, 2019, 10, 1451.	2.8	16

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55	Single Probiotic versus Multiple Probiotics - A Debate On Current Scenario for Alleviating Health Benefits. Current Pharmaceutical Design, 2019, 24, 4150-4153.	1.9	16
56	A new flow cytometry method to measure oxidative status: The Peroxidation of Leukocytes Index Ratio (PLIR). Journal of Immunological Methods, 2013, 390, 113-120.	1.4	15
57	Cardiovascular Risk Factors and Haematological Indexes of Inflammation in Paralympic Athletes with Different Motor Impairments. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	4.0	15
58	Diabetes Mellitus and Male Aging: Pharmacotherapeutics and Clinical Implications. Current Pharmaceutical Design, 2017, 23, 4475-4483.	1.9	15
59	Oxidant-induced pHi/Ca2+ changes in rat aortic smooth muscle cells. The role of atrial natriuretic peptide. Molecular and Cellular Biochemistry, 2003, 252, 353-362.	3.1	14
60	Effect of cocoa products and flavanols on platelet aggregation in humans: a systematic review. Food and Function, 2015, 6, 2128-2134.	4.6	14
61	Association of flavonoid-rich foods and statins in the management of hypercholesterolemia: a dangerous or helpful combination?. Current Drug Metabolism, 2015, 16, 833-846.	1.2	14
62	Synthesis, Anticancer Assessment, and Molecular Docking of Novel Chalcone-Thienopyrimidine Derivatives in HepG2 and MCF-7 Cell Lines. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-27.	4.0	14
63	miR-185 and SEPT5 Genes May Contribute to Parkinson's Disease Pathophysiology. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-8.	4.0	13
64	Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Nutraceuticals and Functional Foods 2018. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	4.0	12
65	Body composition and bone mineral density in athletes with a physical impairment. PeerJ, 2021, 9, e11296.	2.0	12
66	Interference of flavonoids with fluorescent intracellular probes: Methodological implications in the evaluation of the oxidative burst by flow cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 663-677.	1.5	11
67	Effects of High Consumption of Vegetables on Clinical, Immunological, and Antioxidant Markers in Subjects at Risk of Cardiovascular Diseases. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	4.0	11
68	Neutrophil-to-Lymphocyte Ratio, Mediterranean Diet, and Bone Health in Coeliac Disease Patients: A Pilot Study. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	11
69	Chemometric Investigation and Antimicrobial Activity of Salvia rosmarinus Spenn Essential Oils. Molecules, 2022, 27, 2914.	3.8	11
70	Plant-Derived Smoke Solution Alleviates Cellular Oxidative Stress Caused by Arsenic and Mercury by Modulating the Cellular Antioxidative Defense System in Wheat. Plants, 2022, 11, 1379.	3.5	11
71	Lymphocytes as internal standard in oxidative burst analysis by cytometry: A new data analysis approach. Journal of Immunological Methods, 2012, 379, 61-65.	1.4	10
72	Risks of Misinterpretation in the Evaluation of the Effect of Fruit-Based Drinks in Postprandial Studies. Gastroenterology Research and Practice, 2014, 2014, 1-9.	1.5	10

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73	Effects of red wine on postprandial stress: potential implication in non-alcoholic fatty liver disease development. European Journal of Nutrition, 2015, 54, 497-507.	3.9	10
74	Green Tea and Bone Marrow Transplantation: From Antioxidant Activity to Enzymatic and Multidrug-resistance Modulation. Critical Reviews in Food Science and Nutrition, 2016, 56, 2251-2260.	10.3	9
75	Biomarkers of Oxidative Stress in Experimental Models and Human Studies with Nutraceuticals: Measurement, Interpretation, and Significance 2017. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-2.	4.0	9
76	Effect on rat arterial blood pressure of chemically generated peroxyl radicals and protection by antioxidants. Journal of Nutritional Biochemistry, 2004, 15, 323-327.	4.2	8
77	A Critical Appraisal of Different Food Safety and Quality Management Tools to Accomplish Food Safety. , 2018, , 1-12.		8
78	Genetic Analysis in Grain Legumes [Vigna radiata (L.) Wilczek] for Yield Improvement and Identifying Heterotic Hybrids. Plants, 2022, 11, 1774.	3.5	8
79	Biomarkers of Oxidative Stress in Experimental Models and Human Studies with Nutraceuticals: Measurement, Interpretation, and Significance. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-2.	4.0	7
80	Nutraceutical-based Integrative Medicine: Adopting a Mediterranean Diet Pyramid for Attaining Healthy Ageing in Veterans with Disabilities. Current Pharmaceutical Design, 2019, 24, 4186-4196.	1.9	7
81	A Stereological Study of the Toxic Effects of Cerium Oxide during Pregnancy on Kidney Tissues in Neonatal NMRI Mice. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	4.0	7
82	Fruit Polyphenols and Postprandial Inflammatory Stress., 2014,, 1107-1126.		6
83	Relationship between the Peroxidation of Leukocytes Index Ratio and the Improvement of Postprandial Metabolic Stress by a Functional Food. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-10.	4.0	6
84	From Oxidative Stress to Ageing via Lifestyle, Nutraceuticals, Polypharmacy, and Neuropsychological Factors. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	4.0	6
85	Dietary Intakes and Food Habits of Wheelchair Basketball Athletes compared to Gym Attendees and Individuals who do not Practice Sport Activity. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, .	1.2	6
86	Dissecting Sex-Related Cognition between Alzheimer's Disease and Diabetes: From Molecular Mechanisms to Potential Therapeutic Strategies. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-19.	4.0	6
87	Role of the cholinergic system and of apamin-sensitive Ca2+-activated K+ channels on rabbit jejunum spontaneous activity and on the inhibitory effects of adrenoceptor agonists. Autonomic and Autacoid Pharmacology, 2003, 23, 105-115.	0.5	5
88	Is a flavonoid-rich diet with steamer cooking safe during calcineurin inhibitors therapy?. Journal of Clinical Pharmacy and Therapeutics, 2014, 39, 471-474.	1.5	5
89	The Peroxidation of Leukocytes Index Ratio Reveals the Prooxidant Effect of Green Tea Extract. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-7.	4.0	5
90	Post-Exercise Ketosis, Salivary Uric Acid and Interleukin-6 after a Simulated Wheelchair Basketball Match. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 2055-2062.	1.2	5

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91	Alcohol Consumption by Italian and Spanish University Students in Relation to Adherence to the Mediterranean Diet and to the Food Neophobia: A Pilot Study. Healthcare (Switzerland), 2022, 10, 393.	2.0	5
92	Free Radicals Generated by Post-Prandial Oxidative Burst in the Early Alterations of Vascular Contractility. Clinical Immunology, Endocrine and Metabolic Drugs, 2014, 1, 27-45.	0.3	4
93	The effect of sample storage on the Peroxidation of Leukocytes Index Ratio (PLIR) measure. Scientific Reports, 2015, 4, 6539.	3.3	4
94	Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Nutraceuticals and Functional Foods. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-2.	4.0	4
95	Polypharmacy and Nutraceuticals in Veterans: Pros and Cons. Frontiers in Pharmacology, 2019, 10, 994.	3 . 5	4
96	Chocolate Consumers and Lymphocyte-to-Monocyte Ratio: A Working Hypothesis from a Preliminary Report of a Pilot Study in Celiac Subjects. Antioxidants, 2019, 8, 440.	5.1	4
97	Dietary Antioxidants: Micronutrients and Antinutrients in Physiology and Pathology. Antioxidants, 2019, 8, 642.	5.1	4
98	Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Nutraceuticals and Functional Foods 2019. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-2.	4.0	4
99	Hormetic Effects of Bioactive Compounds from Foods, Beverages, and Food Dressing: The Potential Role in Spinal Cord Injury. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11.	4.0	4
100	Spatial and Temporal Variations of the Water Quality of the Tiflet River, Province of Khemisset, Morocco. Water (Switzerland), 2022, 14, 1829.	2.7	4
101	Synergistic Effect of Bioactive Monoterpenes against the Mosquito, Culex pipiens (Diptera: Culicidae). Molecules, 2022, 27, 4182.	3.8	4
102	Synbiotics. , 2016, , 567-574.		3
103	The influence of phenolic compounds from coffee and tea on postprandial cardiovascular stress: a mini-review. Current Opinion in Food Science, 2017, 13, 63-72.	8.0	3
104	Complementary and Integrative Medicine: Personalized Health Care for Cancer and Chronic Inflammatory Diseases. Current Pharmaceutical Design, 2019, 24, 4091-4092.	1.9	3
105	Cranberry for Bacteriuria in Individuals with Spinal Cord Injury: A Systematic Review and Meta-Analysis. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-12.	4.0	3
106	Interactions between oxidative stress and cardiorespiratory fitness: Old and new biomarkers. Current Opinion in Toxicology, 2020, 20-21, 15-22.	5.0	3
107	Field Study and Chemical Analysis of Plant Waste in the Fez-Meknes Region, Morocco. Sustainability, 2022, 14, 6029.	3.2	3
108	Serum depletion, multidrug resistance and fluorescent probes: Methodological implications in free radicals evaluation. Journal of Immunological Methods, 2014, 405, 178-180.	1.4	2

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109	Longitudinal Effects of Dietary Advice on Wheelchair Basketball Athletes: Nutritional and Environmental Aspects. Sustainability, 2021, 13, 5244.	3.2	2
110	Prevention Procedures to Contain COVID-19 Contagion in the First Italian Army Field Hospital. International Journal of Safety and Security Engineering, 2021, 11, 329-335.	1.0	2
111	Antioxidant Activity, Phenolic Composition, and Hormone Content of Wild Edible Vegetables. Horticulturae, 2022, 8, 427.	2.8	2
112	Targeting Arachidonic Acid Pathway-Associated NF-κB in Pancreatic Cancer., 2017,, 403-411.		1
113	Relationship between the peroxidation of leukocytes index ratio and a functional mathematical index including uric acid levels and health-related habits: a pilot study. Eating and Weight Disorders, 2018, 23, 893-896.	2.5	1
114	Dietary Habits and Musculoskeletal Pain in Statin and Red Yeast Rice Users: A Pilot Study. European Journal of Investigation in Health, Psychology and Education, 2021, 11, 1156-1165.	1.9	1
115	Regulation of Matrix Metalloproteinases Synthesis by Interleukin-21 in Human Intestinal Fibroblasts. Inflammatory Bowel Diseases, 2006, 12, S24.	1.9	0
116	Editorial: Therapeutic Index for Nutraceuticals in Inflammation-Related Diseases: Efficacy, Bioavailability, Metabolism and Interactions With Drugs. Frontiers in Pharmacology, 2020, 11, 61.	3.5	0
117	Effects of Peroxyl Radicals on Contractility of Rabbit Aorta and Guinea Pig Atria. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2014, 13, 316-323.	1.2	0
118	Targeting the Integrin $\hat{l}\pm4\hat{l}^27$ with Probiotics and Nutraceuticals: A Working Hypothesis. International Clinical Pathology Journal, 2016, 3, .	0.1	0
119	Targeting the Integrin $\hat{l}\pm4\hat{l}^27$ with Probiotics and Nutraceuticals: A Working Hypothesis. International Clinical Pathology Journal, 2016, 3, .	0.1	O
120	Uric Acid and Cognition: What Is the Connection?. Biomedical Reviews, 2017, 27, 51.	0.6	0
121	Is Nut Consumption Related to a Sustainable Diet? A Pilot Study on Italian Male Consumers. Sustainability, 2021, 13, 12292.	3.2	0
122	Editorial: Biomolecules Against Coronaviruses: Molecular Aspects, Multi-Omics and Systems Pharmacology. Frontiers in Pharmacology, 2021, 12, 835884.	3.5	0
123	The Limited Impact of Low-Volume Recreational Dance on Three-Compartment Body Composition and Apparent Bone Mineral Density in Young Girls. Children, 2022, 9, 391.	1.5	0