

# Rina Recchioni

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

2,625  
citations

279778

23  
h-index

182417

51  
g-index

65  
all docs

65  
docs citations

65  
times ranked

3936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin: A peroxy radical scavenger more effective than vitamin E. <i>Life Sciences</i> , 1994, 55, PL271-PL276.	4.3	589
2	Diagnostic potential of circulating miR-499-5p in elderly patients with acute non ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 167, 531-536.	1.7	214
3	MiR-146a as marker of senescence-associated pro-inflammatory status in cells involved in vascular remodelling. <i>Age</i> , 2013, 35, 1157-1172.	3.0	172
4	Toll like receptor signaling in "inflammaging" microRNA as new players. <i>Immunity and Ageing</i> , 2013, 10, 11.	4.2	114
5	MiR-21-5p and miR-126a-3p levels in plasma and circulating angiogenic cells: relationship with type 2 diabetes complications. <i>Oncotarget</i> , 2015, 6, 35372-35382.	1.8	107
6	Age- and glycemia-related miR-126-3p levels in plasma and endothelial cells. <i>Aging</i> , 2014, 6, 771-786.	3.1	105
7	Melatonin is an efficient antioxidant. <i>Archives of Gerontology and Geriatrics</i> , 1995, 20, 159-165.	3.0	104
8	Small extracellular vesicles deliver miR-21 and miR-217 as pro-senescence effectors to endothelial cells. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1725285.	12.2	104
9	Short-term sustained hyperglycaemia fosters an archetypal senescence-associated secretory phenotype in endothelial cells and macrophages. <i>Redox Biology</i> , 2018, 15, 170-181.	9.0	102
10	Anti-TNF- $\alpha$ treatment modulates SASP and SASP-related microRNAs in endothelial cells and in circulating angiogenic cells. <i>Oncotarget</i> , 2016, 7, 11945-11958.	1.8	69
11	Melatonin provokes cell death in human B-lymphoma cells by mitochondrial-dependent apoptotic pathway activation. <i>Journal of Pineal Research</i> , 2005, 39, 425-431.	7.4	66
12	Systemic Age-Associated DNA Hypermethylation of ELOVL2 Gene: In Vivo and In Vitro Evidences of a Cell Replication Process. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1015-1023.	3.6	66
13	Apoptosis in human aortic endothelial cells induced by hyperglycemic condition involves mitochondrial depolarization and is prevented by N-acetyl-L-cysteine. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 1384-1388.	3.4	63
14	Interrelationship Among Neutrophil Efficiency, Inflammation, Antioxidant Activity and Zinc Pool in Very Old Age. <i>Biogerontology</i> , 2005, 6, 271-281.	3.9	47
15	Telomere/Telomerase System: A New Target of Statins Pleiotropic Effect?. <i>Current Vascular Pharmacology</i> , 2012, 10, 216-224.	1.7	45
16	Food restriction in female Wistar rats: V. Lipid peroxidation and antioxidant enzymes in the liver. <i>Archives of Gerontology and Geriatrics</i> , 1992, 14, 93-99.	3.0	38
17	Age-dependent modifications of mitochondrial trans-membrane potential and mass in rat splenic lymphocytes during proliferation. <i>Mechanisms of Ageing and Development</i> , 1993, 70, 201-212.	4.6	38
18	Cellular senescence in cardiovascular diseases: potential age-related mechanisms and implications for treatment. <i>Current Pharmaceutical Design</i> , 2013, 19, 1710-9.	1.9	36

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19	Melatonin regulates the respiratory burst of human neutrophils and their depolarization. <i>Journal of Pineal Research</i> , 1998, 24, 43-49.	7.4	35
20	Conventional and novel diagnostic biomarkers of acute myocardial infarction: a promising role for circulating microRNAs. <i>Biomarkers</i> , 2013, 18, 547-558.	1.9	31
21	A New Germline Point Mutation in Ret Exon 8 (Cys <sup>515</sup> Ser) in a Family with Medullary Thyroid Carcinoma. <i>Thyroid</i> , 2008, 18, 775-782.	4.5	27
22	Ligand and voltage gated sodium channels may regulate electrogenic pump activity in human, mouse and rat lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1989, 160, 999-1002.	2.1	26
23	Glutathione influences the proliferation as well as the extent of mitochondrial activation in rat splenocytes. <i>Cellular Immunology</i> , 1992, 145, 210-217.	3.0	25
24	Platelet as a physiological model to investigate apoptotic mechanisms in Alzheimer $\beta$ -amyloid peptide production. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 154-162.	4.6	24
25	Food restriction in female Wistar rats. I. survival characteristics, membrane microviscosity and proliferative response in lymphocytes. <i>Archives of Gerontology and Geriatrics</i> , 1990, 11, 99-108.	3.0	22
26	Physical activity and progenitor cell-mediated endothelial repair in chronic heart failure: Is there a role for epigenetics?. <i>Mechanisms of Ageing and Development</i> , 2016, 159, 71-80.	4.6	22
27	Anti-SASP and anti-inflammatory activity of resveratrol, curcumin and $\beta$ -caryophyllene association on human endothelial and monocytic cells. <i>Biogerontology</i> , 2021, 22, 297-313.	3.9	21
28	Age-related modulation of plasmatic beta-Galactosidase activity in healthy subjects and in patients affected by T2DM. <i>Oncotarget</i> , 2017, 8, 93338-93348.	1.8	21
29	Diagnostic performance of new and classic CSF biomarkers in age-related dementias. <i>Aging</i> , 2019, 11, 2420-2429.	3.1	20
30	MiR-146a-5p correlates with clinical efficacy in patients with psoriasis treated with the tumour necrosis factor-alpha inhibitor adalimumab. <i>British Journal of Dermatology</i> , 2018, 179, 787-789.	1.5	19
31	Telomere/telomerase system impairment in circulating angiogenic cells of geriatric patients with heart failure. <i>International Journal of Cardiology</i> , 2013, 164, 99-105.	1.7	17
32	Epigenetic effects of physical activity in elderly patients with cardiovascular disease. <i>Experimental Gerontology</i> , 2017, 100, 17-27.	2.8	17
33	Cellular Senescence in Cardiovascular Diseases: Potential Age-Related Mechanisms and Implications for Treatment. <i>Current Pharmaceutical Design</i> , 2013, 19, 1710-1719.	1.9	17
34	Phytohemagglutinin induced changes of membrane lipid packing , c-myc and c-myb encoded protein expression in human lymphocytes during aging. <i>Mechanisms of Ageing and Development</i> , 1992, 64, 177-187.	4.6	15
35	Crystalline silica induces apoptosis in human endothelial cells in vitro. <i>Cell Biology and Toxicology</i> , 2004, 20, 97-108.	5.3	14
36	Long-term exposure of human endothelial cells to metformin modulates miRNAs and isomiRs. <i>Scientific Reports</i> , 2020, 10, 21782.	3.3	14

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37	Connecting vascular aging and frailty in Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , 2021, 195, 111444.	4.6	14
38	Melatonin Increases the Intensity of Respiratory Burst and Prevents L-Selectin Shedding in Human Neutrophils <i>In Vitro</i> . <i>Biochemical and Biophysical Research Communications</i> , 1998, 252, 20-24.	2.1	13
39	Bretium-induced voltage-gated sodium current in human lymphocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1137, 143-147.	4.1	12
40	Food restriction in female Wistar rats. III. Thermotropic transition of membrane lipid and 5'-nucleotidase activity in hepatocytes. <i>Archives of Gerontology and Geriatrics</i> , 1990, 11, 117-124.	3.0	11
41	Vitamin E deficiency impairs the modifications of mitochondrial membrane potential and mass in rat splenocytes stimulated to proliferate. <i>Free Radical Biology and Medicine</i> , 1993, 15, 661-665.	2.9	11
42	The Pro/Pro genotype of the p53 codon 72 polymorphism modulates PAI-1 plasma levels in ageing. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 497-500.	4.6	11
43	Voltage gating of Ca <sup>2+</sup> -activated potassium channels in human lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1990, 171, 325-329.	2.1	10
44	A sodium channel opener inhibits stimulation of human peripheral blood mononuclear cells. <i>Molecular Immunology</i> , 1992, 29, 517-524.	2.2	8
45	Diet restriction: A tool to prolong the lifespan of experimental animals. Model and current hypothesis of action. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1992, 103, 551-554.	0.6	8
46	Three Months Monitored Metabolic Fitness Modulates Cardiovascular Risk Factors in Diabetic Patients. <i>Diabetes and Metabolism Journal</i> , 2019, 43, 893.	4.7	8
47	Diet restriction, body temperature and physicochemical properties of cell membranes. <i>Archives of Gerontology and Geriatrics</i> , 1991, 12, 179-185.	3.0	7
48	Effect of reduced glutathione on mitochondrial parameters of proliferating splenocytes from young and old rats. <i>Archives of Gerontology and Geriatrics</i> , 1994, 19, 283-293.	3.0	7
49	The Response of Human Lymphocytes to Phytohemagglutinin Is Impaired at Different Levels during Aging. <i>Annals of the New York Academy of Sciences</i> , 1992, 673, 110-119.	3.8	6
50	Food restriction in female Wistar rats. VI. Effect of reduced glutathione on the proliferative response of splenic lymphocytes from ad libitum fed and food restricted animals. <i>Archives of Gerontology and Geriatrics</i> , 1993, 16, 81-92.	3.0	6
51	Food restriction in female Wistar rats. II. $\beta$ -adrenoceptor density in the cerebellum and in the splenic lymphocytes. <i>Archives of Gerontology and Geriatrics</i> , 1990, 11, 109-115.	3.0	3
52	Studies on cell membrane properties in food restricted rats. <i>Aging Clinical and Experimental Research</i> , 1991, 3, 401-403.	2.9	3
53	Aging impairs membrane potential responsiveness as well as opening of voltage and ligand gated Na <sup>+</sup> channels in human lymphocytes. <i>Archives of Gerontology and Geriatrics</i> , 1992, 14, 145-154.	3.0	3
54	Food restriction in female Wistar rats. VII. Mitochondrial parameters in resting and proliferating splenic lymphocytes. <i>Archives of Gerontology and Geriatrics</i> , 1994, 19, 31-42.	3.0	3

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55	Nutritional Modulators of Cellular Senescence In Vitro. , 2016, , 293-312.		3
56	Cholesterol-Rich Rabbit Serum Modulates $\alpha$ -Adrenergic Receptor Density of Human Lymphocytes.. Annals of the New York Academy of Sciences, 1992, 650, 239-244.	3.8	2
57	Bretylium Differentiates between Distinct Signal Transducing Pathways in Human Lymphocytes. Biochemical and Biophysical Research Communications, 1993, 190, 654-659.	2.1	2
58	Effect of Dietary Restriction on DNA Synthesis in Vitamin E-Deficient Rats. Annals of the New York Academy of Sciences, 2004, 1030, 462-467.	3.8	2
59	Pineal graft in old rats improves erythrocyte resistance to peroxy radical-induced hemolysis. Biogerontology, 2004, 5, 339-345.	3.9	2
60	Parameters to monitor aging with a possible perspective for intervention "an immunological approach. Archives of Gerontology and Geriatrics, 1991, 12, 231-238.	3.0	1
61	Reduced glutathione recovers the impairment of the proliferative response of splenic lymphocytes from vitamin E-deficient rats. Archives of Gerontology and Geriatrics, 1993, 17, 101-109.	3.0	1
62	Interleukin-6 is a determinant of PAI-1 levels in diabetic subjects with the 4G allele at position -675 of the PAI-1 gene. Thrombosis and Haemostasis, 2006, 95, 587-588.	3.4	1
63	Experimental Apoptosis Provides Clues about the Role of Mitochondrial Changes in Neuronal Death. Annals of the New York Academy of Sciences, 2006, 1090, 79-88.	3.8	1
64	Food restriction in female Wistar rats, IV. Morphometric parameters of cerebellar synapses. Archives of Gerontology and Geriatrics, 1991, 13, 161-165.	3.0	0
65	Prognostic relevance of normocytic anemia in elderly patients affected by cardiovascular disease. Journal of Geriatric Cardiology, 2021, 18, 654-662.	0.2	0