

# Rina Recchioni

## List of Publications by Year in descending order

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65  
papers

2,625  
citations

279798  
23  
h-index

182427  
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. Life Sciences, 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. International Journal of Cardiology, 2013, 167, 531-536.	1.7	214
3	MiR-146a as marker of senescence-associated pro-inflammatory status in cells involved in vascular remodelling. Age, 2013, 35, 1157-1172.	3.0	172
4	Toll like receptor signaling in "inflammaging" microRNA as new players. Immunity and Ageing, 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. Oncotarget, 2015, 6, 35372-35382.	1.8	107
6	Age- and glycemia-related miR-126-3p levels in plasma and endothelial cells. Aging, 2014, 6, 771-786.	3.1	105
7	Melatonin is an efficient antioxidant. Archives of Gerontology and Geriatrics, 1995, 20, 159-165.	3.0	104
8	Small extracellular vesicles deliver miR-21 and miR-217 as pro-senescence effectors to endothelial cells. Journal of Extracellular Vesicles, 2020, 9, 1725285.	12.2	104
9	Short-term sustained hyperglycaemia fosters an archetypal senescence-associated secretory phenotype in endothelial cells and macrophages. Redox Biology, 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. Oncotarget, 2016, 7, 11945-11958.	1.8	69
11	Melatonin provokes cell death in human B-lymphoma cells by mitochondrial-dependent apoptotic pathway activation. Journal of Pineal Research, 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. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 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. Metabolism: Clinical and Experimental, 2002, 51, 1384-1388.	3.4	63
14	Interrelationship Among Neutrophil Efficiency, Inflammation, Antioxidant Activity and Zinc Pool in Very Old Age. Biogerontology, 2005, 6, 271-281.	3.9	47
15	Telomere/Telomerase System: A New Target of Statins Pleiotropic Effect?. Current Vascular Pharmacology, 2012, 10, 216-224.	1.7	45
16	Food restriction in female Wistar rats: V. Lipid peroxidation and antioxidant enzymes in the liver. Archives of Gerontology and Geriatrics, 1992, 14, 93-99.	3.0	38
17	Age-dependent modifications of mitochondrial trans-membrane potential and mass in rat splenic lymphocytes during proliferation. Mechanisms of Ageing and Development, 1993, 70, 201-212.	4.6	38
18	Cellular senescence in cardiovascular diseases: potential age-related mechanisms and implications for treatment. Current Pharmaceutical Design, 2013, 19, 1710-9.	1.9	36

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19	Melatonin regulates the respiratory burst of human neutrophils and their depolarization. Journal of Pineal Research, 1998, 24, 43-49.	7.4	35
20	Conventional and novel diagnostic biomarkers of acute myocardial infarction: a promising role for circulating microRNAs. Biomarkers, 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. Thyroid, 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. Biochemical and Biophysical Research Communications, 1989, 160, 999-1002.	2.1	26
23	Glutathione influences the proliferation as well as the extent of mitochondrial activation in rat splenocytes. Cellular Immunology, 1992, 145, 210-217.	3.0	25
24	Platelet as a physiological model to investigate apoptotic mechanisms in Alzheimer $\beta$ -amyloid peptide production. Mechanisms of Ageing and Development, 2008, 129, 154-162.	4.6	24
25	Food restriction in female Wistar rats. I. survival characteristics, membrane microviscosity and proliferative response in lymphocytes. Archives of Gerontology and Geriatrics, 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?. Mechanisms of Ageing and Development, 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. Biogerontology, 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. Oncotarget, 2017, 8, 93338-93348.	1.8	21
29	Diagnostic performance of new and classic CSF biomarkers in age-related dementias. Aging, 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. British Journal of Dermatology, 2018, 179, 787-789.	1.5	19
31	Telomere/telomerase system impairment in circulating angiogenic cells of geriatric patients with heart failure. International Journal of Cardiology, 2013, 164, 99-105.	1.7	17
32	Epigenetic effects of physical activity in elderly patients with cardiovascular disease. Experimental Gerontology, 2017, 100, 17-27.	2.8	17
33	Cellular Senescence in Cardiovascular Diseases: Potential Age-Related Mechanisms and Implications for Treatment. Current Pharmaceutical Design, 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. Mechanisms of Ageing and Development, 1992, 64, 177-187.	4.6	15
35	Crystalline silica induces apoptosis in human endothelial cells in vitro. Cell Biology and Toxicology, 2004, 20, 97-108.	5.3	14
36	Long-term exposure of human endothelial cells to metformin modulates miRNAs and isomiRs. Scientific Reports, 2020, 10, 21782.	3.3	14

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37	Connecting vascular aging and frailty in Alzheimer's disease. Mechanisms of Ageing and Development, 2021, 195, 111444.	4.6	14
38	Melatonin Increases the Intensity of Respiratory Burst and Prevents L-Selectin Shedding in Human Neutrophils in Vitro. Biochemical and Biophysical Research Communications, 1998, 252, 20-24.	2.1	13
39	Bretium-induced voltage-gated sodium current in human lymphocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 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. Archives of Gerontology and Geriatrics, 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. Free Radical Biology and Medicine, 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. Mechanisms of Ageing and Development, 2009, 130, 497-500.	4.6	11
43	Voltage gating of Ca <sup>2+</sup> -activated potassium channels in human lymphocytes. Biochemical and Biophysical Research Communications, 1990, 171, 325-329.	2.1	10
44	A sodium channel opener inhibits stimulation of human peripheral blood mononuclear cells. Molecular Immunology, 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. Comparative Biochemistry and Physiology A, Comparative Physiology, 1992, 103, 551-554.	0.6	8
46	Three Months Monitored Metabolic Fitness Modulates Cardiovascular Risk Factors in Diabetic Patients. Diabetes and Metabolism Journal, 2019, 43, 893.	4.7	8
47	Diet restriction, body temperature and physicochemical properties of cell membranes. Archives of Gerontology and Geriatrics, 1991, 12, 179-185.	3.0	7
48	Effect of reduced glutathione on mitochondrial parameters of proliferating splenocytes from young and old rats. Archives of Gerontology and Geriatrics, 1994, 19, 283-293.	3.0	7
49	The Response of Human Lymphocytes to Phytohemagglutinin Is Impaired at Different Levels during Aging. Annals of the New York Academy of Sciences, 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. Archives of Gerontology and Geriatrics, 1993, 16, 81-92.	3.0	6
51	Food restriction in female Wistar rats. II. $\beta^2$ -adrenoceptor density in the cerebellum and in the splenic lymphocytes. Archives of Gerontology and Geriatrics, 1990, 11, 109-115.	3.0	3
52	Studies on cell membrane properties in food restricted rats. Aging Clinical and Experimental Research, 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. Archives of Gerontology and Geriatrics, 1992, 14, 145-154.	3.0	3
54	Food restriction in female Wistar rats. VII. Mitochondrial parameters in resting and proliferating splenic lymphocytes. Archives of Gerontology and Geriatrics, 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