

# Gabriella Testa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3753040/publications.pdf>

Version: 2024-02-01

38  
papers

1,916  
citations

236925

25  
h-index

289244

40  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2930  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in brain oxysterols at different stages of Alzheimer's disease: Their involvement in neuroinflammation. <i>Redox Biology</i> , 2016, 10, 24-33.	9.0	192
2	Oxidized cholesterol as the driving force behind the development of Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 119.	3.4	135
3	Design and Development of Nanovehicle-Based Delivery Systems for Preventive or Therapeutic Supplementation with Flavonoids. <i>Current Medicinal Chemistry</i> , 2010, 17, 74-95.	2.4	126
4	Calorie Restriction and Dietary Restriction Mimetics: A Strategy for Improving Healthy Aging and Longevity. <i>Current Pharmaceutical Design</i> , 2014, 20, 2950-2977.	1.9	121
5	Relation between TLR4/NF- $\kappa$ B signaling pathway activation by 27-hydroxycholesterol and 4-hydroxynonenal, and atherosclerotic plaque instability. <i>Aging Cell</i> , 2015, 14, 569-581.	6.7	110
6	The link between altered cholesterol metabolism and Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2012, 1259, 54-64.	3.8	108
7	Interaction between 24-hydroxycholesterol, oxidative stress, and amyloid- $\beta$ in amplifying neuronal damage in Alzheimer's disease: three partners in crime. <i>Aging Cell</i> , 2011, 10, 403-417.	6.7	85
8	Lipid Oxidation Derived Aldehydes and Oxysterols Between Health and Disease. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1700047.	1.5	81
9	Loading into Nanoparticles Improves Quercetin's Efficacy in Preventing Neuroinflammation Induced by Oxysterols. <i>PLoS ONE</i> , 2014, 9, e96795.	2.5	80
10	The role of oxysterols in vascular ageing. <i>Journal of Physiology</i> , 2016, 594, 2095-2113.	2.9	67
11	Implication of oxysterols in chronic inflammatory human diseases. <i>Biochimie</i> , 2018, 153, 220-231.	2.6	63
12	25-Hydroxycholesterol and 27-hydroxycholesterol inhibit human rotavirus infection by sequestering viral particles into late endosomes. <i>Redox Biology</i> , 2018, 19, 318-330.	9.0	62
13	Up-regulation of $\beta$ -amyloidogenesis in neuron-like human cells by both 24- and 27-hydroxycholesterol: protective effect of N-acetylcysteine. <i>Aging Cell</i> , 2014, 13, 561-572.	6.7	52
14	A Crosstalk Between Brain Cholesterol Oxidation and Glucose Metabolism in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 556.	2.8	48
15	Oxysterols and 4-hydroxy-2-nonenal contribute to atherosclerotic plaque destabilization. <i>Free Radical Biology and Medicine</i> , 2017, 111, 140-150.	2.9	44
16	The role of p38 MAPK in the induction of intestinal inflammation by dietary oxysterols: modulation by wine phenolics. <i>Food and Function</i> , 2015, 6, 1218-1228.	4.6	43
17	Survival signaling elicited by 27-hydroxycholesterol through the combined modulation of cellular redox state and ERK/Akt phosphorylation. <i>Free Radical Biology and Medicine</i> , 2014, 77, 376-385.	2.9	38
18	Phenolic compounds present in Sardinian wine extracts protect against the production of inflammatory cytokines induced by oxysterols in CaCo-2 human enterocyte-like cells. <i>Biochemical Pharmacology</i> , 2013, 86, 138-145.	4.4	37

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19	Evidence of cell damage induced by major components of a diet-compatible mixture of oxysterols in human colon cancer CaCo-2 cell line. <i>Biochimie</i> , 2013, 95, 632-640.	2.6	36
20	Oxysterols present in Alzheimer's disease brain induce synaptotoxicity by activating astrocytes: A major role for lipocalin-2. <i>Redox Biology</i> , 2021, 39, 101837.	9.0	35
21	Influence of dialkyne structure on the properties of new click-gels based on hyaluronic acid. <i>International Journal of Pharmaceutics</i> , 2009, 378, 86-92.	5.2	34
22	New Insights into Redox-Modulated Cell Signaling. <i>Current Pharmaceutical Design</i> , 2011, 17, 3994-4006.	1.9	33
23	A silver lining for 24-hydroxycholesterol in Alzheimer's disease: The involvement of the neuroprotective enzyme sirtuin 1. <i>Redox Biology</i> , 2018, 17, 423-431.	9.0	33
24	The Controversial Role of 24-S-Hydroxycholesterol in Alzheimer's Disease. <i>Antioxidants</i> , 2021, 10, 740.	5.1	33
25	Alternate-day fasting reverses the age-associated hypertrophy phenotype in rat heart by influencing the ERK and PI3K signaling pathways. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 305-314.	4.6	28
26	Omics analysis of oxysterols to better understand their pathophysiological role. <i>Free Radical Biology and Medicine</i> , 2019, 144, 55-71.	2.9	28
27	A Dietary Mixture of Oxysterols Induces In Vitro Intestinal Inflammation through TLR2/4 Activation: The Protective Effect of Cocoa Bean Shells. <i>Antioxidants</i> , 2019, 8, 151.	5.1	24
28	The role of autophagy in survival response induced by 27-hydroxycholesterol in human promonocytic cells. <i>Redox Biology</i> , 2018, 17, 400-410.	9.0	23
29	Nrf2 antioxidant defense is involved in survival signaling elicited by 27-hydroxycholesterol in human promonocytic cells. <i>Free Radical Biology and Medicine</i> , 2016, 91, 93-104.	2.9	22
30	Cholesterol Dysmetabolism in Alzheimer's Disease: A Starring Role for Astrocytes?. <i>Antioxidants</i> , 2021, 10, 1890.	5.1	20
31	Potential of amyloid- $\beta$ peptide neurotoxicity in human dental-pulp neuron-like cells by the membrane lipid peroxidation product 4-hydroxynonenal. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1708-1717.	2.9	15
32	Up-regulation of COX-2 and mPGES-1 by 27-hydroxycholesterol and 4-hydroxynonenal: A crucial role in atherosclerotic plaque instability. <i>Free Radical Biology and Medicine</i> , 2018, 129, 354-363.	2.9	15
33	Molecular Signaling Involved in Oxysterol-Induced $\beta$ 1-Integrin Over-Expression in Human Macrophages. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14278-14293.	4.1	12
34	Up-regulation of PCSK6 by lipid oxidation products: A possible role in atherosclerosis. <i>Biochimie</i> , 2021, 181, 191-203.	2.6	12
35	Improved Anti-Tumoral Therapeutic Efficacy of 4-Hydroxynonenal Incorporated in Novel Lipid Nanocapsules in 2D and 3D Models. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 2169-2185.	1.1	8
36	Modulation of cell signaling pathways by oxysterols in age-related human diseases. <i>Free Radical Biology and Medicine</i> , 2014, 75, S5.	2.9	5

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37	Macrophage polarization by potential nutraceutical compounds: A strategic approach to counteract inflammation in atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2022, 181, 251-269.	2.9	5
38	Role of 27-hydroxycholesterol and 4-hydroxynonenal in atherosclerotic plaque vulnerability. <i>Free Radical Biology and Medicine</i> , 2016, 96, S36-S37.	2.9	1