

Roberta Ricciarelli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

3,628
citations

29
h-index

60
g-index

77
ext. papers

4,080
ext. citations

5.4
avg, IF

5.15
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 72 | Role of glutathione in cancer progression and chemoresistance. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 972913 | 6.7 | 617 |
| 71 | Vitamin E reduces the uptake of oxidized LDL by inhibiting CD36 scavenger receptor expression in cultured aortic smooth muscle cells. <i>Circulation</i> , 2000 , 102, 82-7 | 16.7 | 239 |
| 70 | Non-antioxidant molecular functions of alpha-tocopherol (vitamin E). <i>FEBS Letters</i> , 2002 , 519, 8-10 | 3.8 | 228 |
| 69 | alpha-Tocopherol specifically inactivates cellular protein kinase C alpha by changing its phosphorylation state. <i>Biochemical Journal</i> , 1998 , 334 (Pt 1), 243-9 | 3.8 | 226 |
| 68 | Vitamin E: protective role of a Janus molecule. <i>FASEB Journal</i> , 2001 , 15, 2314-25 | 0.9 | 214 |
| 67 | The Amyloid Cascade Hypothesis in Alzheimer's Disease: It's Time to Change Our Mind. <i>Current Neuropharmacology</i> , 2017 , 15, 926-935 | 7.6 | 151 |
| 66 | Age-dependent increase of collagenase expression can be reduced by alpha-tocopherol via protein kinase C inhibition. <i>Free Radical Biology and Medicine</i> , 1999 , 27, 729-37 | 7.8 | 140 |
| 65 | Specific cellular responses to alpha-tocopherol. <i>Journal of Nutrition</i> , 2000 , 130, 1649-52 | 4.1 | 108 |
| 64 | GEBR-7b, a novel PDE4D selective inhibitor that improves memory in rodents at non-emetic doses. <i>British Journal of Pharmacology</i> , 2011 , 164, 2054-63 | 8.6 | 107 |
| 63 | Molecular basis of alpha-tocopherol control of smooth muscle cell proliferation. <i>BioFactors</i> , 1998 , 7, 3-14 | 6.1 | 84 |
| 62 | The 80th anniversary of vitamin E: beyond its antioxidant properties. <i>Biological Chemistry</i> , 2002 , 383, 457-65 | 4.5 | 82 |
| 61 | Role of peroxisome proliferator-activated receptor gamma in amyloid precursor protein processing and amyloid beta-mediated cell death. <i>Biochemical Journal</i> , 2005 , 391, 693-8 | 3.8 | 75 |
| 60 | Vitamin E and neurodegenerative diseases. <i>Molecular Aspects of Medicine</i> , 2007 , 28, 591-606 | 16.7 | 73 |
| 59 | Cloning of novel human SEC14p-like proteins: ligand binding and functional properties. <i>Free Radical Biology and Medicine</i> , 2003 , 34, 1458-72 | 7.8 | 71 |
| 58 | Microarray analysis in Alzheimer's disease and normal aging. <i>IUBMB Life</i> , 2004 , 56, 349-54 | 4.7 | 69 |
| 57 | Regulation of recombinant PKC alpha activity by protein phosphatase 1 and protein phosphatase 2A. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 355, 197-200 | 4.1 | 69 |
| 56 | Alpha-tocopherol induces expression of connective tissue growth factor and antagonizes tumor necrosis factor-alpha-mediated downregulation in human smooth muscle cells. <i>Circulation Research</i> , 2003 , 92, 104-10 | 15.7 | 62 |

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|----|---|------|----|
| 55 | Vitamin E inhibits CD36 scavenger receptor expression in hypercholesterolemic rabbits. <i>Atherosclerosis</i> , 2006 , 184, 15-20 | 3.1 | 57 |
| 54 | CD36 overexpression in human brain correlates with beta-amyloid deposition but not with Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2004 , 36, 1018-24 | 7.8 | 47 |
| 53 | Regulatory effects of curcumin on lipid accumulation in monocytes/macrophages. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 833-40 | 4.7 | 46 |
| 52 | Nonantioxidant functions of alpha-tocopherol in smooth muscle cells. <i>Journal of Nutrition</i> , 2001 , 131, 378S-81S | 4.1 | 45 |
| 51 | Troglitazone, a peroxisome proliferator-activated receptor-gamma agonist, decreases tau phosphorylation in CHOtau4R cells. <i>Journal of Neurochemistry</i> , 2006 , 98, 1068-77 | 6 | 44 |
| 50 | Memory-enhancing effects of GEBR-32a, a new PDE4D inhibitor holding promise for the treatment of Alzheimer's disease. <i>Scientific Reports</i> , 2017 , 7, 46320 | 4.9 | 41 |
| 49 | Amyloid- β Peptide Is Needed for cGMP-Induced Long-Term Potentiation and Memory. <i>Journal of Neuroscience</i> , 2017 , 37, 6926-6937 | 6.6 | 38 |
| 48 | Characterization of three human sec14p-like proteins: alpha-tocopherol transport activity and expression pattern in tissues. <i>Biochimie</i> , 2008 , 90, 1703-15 | 4.6 | 38 |
| 47 | N-alkyl carbazole derivatives as new tools for Alzheimer's disease: preliminary studies. <i>Molecules</i> , 2014 , 19, 9307-17 | 4.8 | 36 |
| 46 | CD36 overexpression in ritonavir-treated THP-1 cells is reversed by alpha-tocopherol. <i>Free Radical Biology and Medicine</i> , 2005 , 38, 1047-56 | 7.8 | 31 |
| 45 | Novel 5Sexon of scavenger receptor CD36 is expressed in cultured human vascular smooth muscle cells and atherosclerotic plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 412-7 | 9.4 | 31 |
| 44 | Scavenger receptors and modified lipoproteins: fatal attractions?. <i>IUBMB Life</i> , 2000 , 49, 397-403 | 4.7 | 30 |
| 43 | cAMP, cGMP and Amyloid β Three Ideal Partners for Memory Formation. <i>Trends in Neurosciences</i> , 2018 , 41, 255-266 | 13.3 | 28 |
| 42 | Cholesterol and Alzheimer's disease: a still poorly understood correlation. <i>IUBMB Life</i> , 2012 , 64, 931-5 | 4.7 | 28 |
| 41 | Cholesterol and amyloid- β Evidence for a cross-talk between astrocytes and neuronal cells. <i>Journal of Alzheimers Disease</i> , 2011 , 25, 645-53 | 4.3 | 28 |
| 40 | New insights into selective PDE4D inhibitors: 3-(Cyclopentyloxy)-4-methoxybenzaldehyde O-(2-(2,6-dimethylmorpholino)-2-oxoethyl) oxime (GEBR-7b) structural development and promising activities to restore memory impairment. <i>European Journal of Medicinal Chemistry</i> , 2016 , 124, 82-102 | 6.8 | 27 |
| 39 | Modulation of cAMP levels by high-fat diet and curcumin and regulatory effects on CD36/FAT scavenger receptor/fatty acids transporter gene expression. <i>BioFactors</i> , 2017 , 43, 42-53 | 6.1 | 27 |
| 38 | Vitamin E mediated response of smooth muscle cell to oxidant stress. <i>Diabetes Research and Clinical Practice</i> , 1999 , 45, 191-8 | 7.4 | 27 |

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|----|---|-----|----|
| 37 | Vitamin E 80th anniversary: a double life, not only fighting radicals. <i>IUBMB Life</i> , 2001 , 52, 71-6 | 4.7 | 25 |
| 36 | Glutathione-mediated antioxidant response and aerobic metabolism: two crucial factors involved in determining the multi-drug resistance of high-risk neuroblastoma. <i>Oncotarget</i> , 2016 , 7, 70715-70737 | 3.3 | 25 |
| 35 | A novel mechanism for cyclic adenosine monophosphate-mediated memory formation: Role of amyloid beta. <i>Annals of Neurology</i> , 2014 , 75, 602-7 | 9.4 | 21 |
| 34 | Phosphodiesterase 4D: an enzyme to remember. <i>British Journal of Pharmacology</i> , 2015 , 172, 4785-9 | 8.6 | 20 |
| 33 | Scavenger receptor regulation and atherosclerosis. <i>BioFactors</i> , 2000 , 11, 189-200 | 6.1 | 20 |
| 32 | PKC β sensitizes neuroblastoma cells to L-buthionine-sulfoximine and etoposide inducing reactive oxygen species overproduction and DNA damage. <i>PLoS ONE</i> , 2011 , 6, e14661 | 3.7 | 19 |
| 31 | Amyloid β Walking on the dark side of the moon. <i>Mechanisms of Ageing and Development</i> , 2015 , 152, 1-4 | 5.6 | 18 |
| 30 | Protein kinase C: an attractive target for cancer therapy. <i>Cancers</i> , 2011 , 3, 531-67 | 6.6 | 17 |
| 29 | Presynaptic GLP-1 receptors enhance the depolarization-evoked release of glutamate and GABA in the mouse cortex and hippocampus. <i>BioFactors</i> , 2018 , 44, 148-157 | 6.1 | 16 |
| 28 | Synthesis, biological evaluation, and molecular modeling of new 3-(cyclopentyloxy)-4-methoxybenzaldehyde O-(2-(2,6-dimethylmorpholino)-2-oxoethyl) Oxime (GEBR-7b) related phosphodiesterase 4D (PDE4D) inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 7061-72 | 8.3 | 16 |
| 27 | Oxysterol mixture and, in particular, 27-hydroxycholesterol drive M2 polarization of human macrophages. <i>BioFactors</i> , 2016 , 42, 80-92 | 6.1 | 16 |
| 26 | Effects of ethanol metabolism on PKC activity in isolated rat hepatocytes. <i>Chemico-Biological Interactions</i> , 1996 , 100, 155-63 | 5 | 15 |
| 25 | Cyclic adenosine monophosphate as an endogenous modulator of the amyloid- β precursor protein metabolism. <i>IUBMB Life</i> , 2013 , 65, 127-33 | 4.7 | 14 |
| 24 | Modulation of proteasome activity by vitamin E in THP-1 monocytes. <i>IUBMB Life</i> , 2007 , 59, 771-80 | 4.7 | 14 |
| 23 | HIV protease inhibitors-induced atherosclerosis: prevention by alpha-tocopherol. <i>IUBMB Life</i> , 2004 , 56, 629-31 | 4.7 | 12 |
| 22 | Isoelectric point mobility shift assay for rapid screening of charged and uncharged ligands bound to proteins. <i>IUBMB Life</i> , 2003 , 55, 103-7 | 4.7 | 12 |
| 21 | Evidence against the overexpression of APP in Down syndrome. <i>IUBMB Life</i> , 2006 , 58, 103-6 | 4.7 | 11 |
| 20 | Synthesis, biological activities and pharmacokinetic properties of new fluorinated derivatives of selective PDE4D inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 3426-35 | 3.4 | 10 |

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|----|---|-----|----|
| 19 | DNA oxidative damage of neoplastic rat liver lesions. <i>Oncology Reports</i> , 2010 , 23, 1241-6 | 3.5 | 10 |
| 18 | PDE4D inhibitors: a potential strategy for the treatment of memory impairment?. <i>Neuropharmacology</i> , 2014 , 85, 290-2 | 5.5 | 9 |
| 17 | Downregulation of myosin II-B by siRNA alters the subcellular localization of the amyloid precursor protein and increases amyloid-beta deposition in N2a cells. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 362, 633-8 | 3.4 | 9 |
| 16 | Alternative splicing and gene polymorphism of the human TAP3/SEC14L4 gene. <i>Molecular Biology Reports</i> , 2010 , 37, 3503-8 | 2.8 | 6 |
| 15 | 3-Aminobenzamide inhibition of protein kinase C at a cellular level. <i>FEBS Letters</i> , 1998 , 431, 465-7 | 3.8 | 6 |
| 14 | Investigating the amyloid-beta enhancing effect of cGMP in neuro2a cells. <i>Mechanisms of Ageing and Development</i> , 2017 , 166, 1-5 | 5.6 | 4 |
| 13 | Evaluating the role of hnRNP-C and FMRP in the cAMP-induced APP metabolism. <i>BioFactors</i> , 2015 , 41, 121-6 | 6.1 | 4 |
| 12 | Protein kinase C-dependent alpha-secretory processing of the amyloid precursor protein is mediated by phosphorylation of myosin II-B. <i>FASEB Journal</i> , 2009 , 23, 1246-51 | 0.9 | 4 |
| 11 | Memory Enhancers for Alzheimer's Dementia: Focus on cGMP. <i>Pharmaceuticals</i> , 2021 , 14, | 5.2 | 3 |
| 10 | Reduction of senescence-associated beta-galactosidase activity by vitamin E in human fibroblasts depends on subjects' age and cell passage number. <i>BioFactors</i> , 2020 , 46, 665-674 | 6.1 | 2 |
| 9 | In vitro effect of PPAR-gamma2 Pro12Ala polymorphism on the deposition of Alzheimer's amyloid-beta peptides. <i>Brain Research</i> , 2007 , 1173, 1-5 | 3.7 | 2 |
| 8 | Oxidized LDLs as Signaling Molecules. <i>Antioxidants</i> , 2021 , 10, | 7.1 | 2 |
| 7 | Evaluating the Correlation between Alzheimer's Amyloid- β Peptides and Glaucoma in Human Aqueous Humor. <i>Translational Vision Science and Technology</i> , 2020 , 9, 21 | 3.3 | 1 |
| 6 | cGMP favors the interaction between APP and BACE1 by inhibiting Rab5 GTPase activity. <i>Scientific Reports</i> , 2020 , 10, 1358 | 4.9 | 1 |
| 5 | Protein kinase G phosphorylates the Alzheimer's disease-associated tau protein at distinct Ser/Thr sites. <i>BioFactors</i> , 2021 , 47, 126-134 | 6.1 | 0 |
| 4 | Protein kinase C inactivation by Fenton's-reaction at discrete Cu^{++} binding sites. <i>IUBMB Life</i> , 1996 , 40, 285-93 | 4.7 | |
| 3 | Involvement of myosin II-B and protein kinase C in the processing of APP. <i>FASEB Journal</i> , 2008 , 22, 585-585 | | |
| 2 | p38MAPK inhibition: a new combined approach to reduce neuroblastoma resistance under etoposide treatment. <i>FASEB Journal</i> , 2013 , 27, 1088.14 | 0.9 | |

- 1 Stimulation of the amyloid- β precursor protein metabolism by cAMP. *FASEB Journal*, **2013**, 27, 873.18 0.9