

# Giovambattista Pani

## List of Publications by Year in descending order

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66  
papers

3,635  
citations

117453

34  
h-index

133063

59  
g-index

66  
all docs

66  
docs citations

66  
times ranked

6407  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Influence of Gut Microbiota on Neurogenesis: Evidence and Hopes. <i>Cells</i> , 2022, 11, 382.	1.8	24
2	Label-free metabolic clustering through unsupervised pixel classification of multiparametric fluorescent images. <i>Analytica Chimica Acta</i> , 2021, 1148, 238173.	2.6	13
3	The Leucine Catabolite and Dietary Supplement $\beta$ -Hydroxy- $\beta$ -Methyl Butyrate (HMB) as an Epigenetic Regulator in Muscle Progenitor Cells. <i>Metabolites</i> , 2021, 11, 512.	1.3	7
4	Nutrients and neurogenesis: the emerging role of autophagy and gut microbiota. <i>Current Opinion in Pharmacology</i> , 2020, 50, 46-52.	1.7	14
5	Tumor necrosis factor- $\alpha$ and solute carrier family 22 member 4 gene polymorphisms as potential determinants of intestinal dysbiosis. <i>Digestive and Liver Disease</i> , 2020, 52, 691-693.	0.4	2
6	Stem cells under the influence of alcohol: effects of ethanol consumption on stem/progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 231-244.	2.4	38
7	The mTOR kinase inhibitor rapamycin enhances the expression and release of pro-inflammatory cytokine interleukin 6 modulating the activation of human microglial cells. <i>EXCLI Journal</i> , 2019, 18, 779-798.	0.5	12
8	Punicalagin reduces H <sub>2</sub> O <sub>2</sub> -induced cytotoxicity and apoptosis in PC12 cells by modulating the levels of reactive oxygen species. <i>Nutritional Neuroscience</i> , 2018, 21, 447-454.	1.5	26
9	Low reliability of anti-KIR4.183 $\alpha$ 120 peptide auto-antibodies in multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2018, 24, 910-918.	1.4	5
10	Dietary polyphenols and neurogenesis: Molecular interactions and implication for brain ageing and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 456-470.	2.9	53
11	Towards frailty biomarkers: Candidates from genes and pathways regulated in aging and age-related diseases. <i>Ageing Research Reviews</i> , 2018, 47, 214-277.	5.0	309
12	Nutrients, neurogenesis and brain ageing: From disease mechanisms to therapeutic opportunities. <i>Biochemical Pharmacology</i> , 2017, 141, 63-76.	2.0	38
13	Post-natal Deletion of Neuronal cAMP Responsive-Element Binding (CREB)-1 Promotes Pro-inflammatory Changes in the Mouse Hippocampus. <i>Neurochemical Research</i> , 2017, 42, 2230-2245.	1.6	9
14	Phase separation of the plasma membrane in human red blood cells as a potential tool for diagnosis and progression monitoring of type 1 diabetes mellitus. <i>PLoS ONE</i> , 2017, 12, e0184109.	1.1	23
15	Promotion of Survival and Engraftment of Transplanted Adipose Tissue-Derived Stromal and Vascular Cells by Overexpression of Manganese Superoxide Dismutase. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1082.	1.8	23
16	Neural Stem Cells and Nutrients: Poised Between Quiescence and Exhaustion. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 756-769.	3.1	70
17	Fatty acid-related modulations of membrane fluidity in cells: detection and implications. <i>Free Radical Research</i> , 2016, 50, S40-S50.	1.5	112
18	Early Experiences in Using Blood Cells Biomembranes as Markers for Diabetes Diagnosis. , 2016, , .		1

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19	A CREB-Sirt1-Hes1 Circuitry Mediates Neural Stem Cell Response to Glucose Availability. <i>Cell Reports</i> , 2016, 14, 1195-1205.	2.9	66
20	Flow Cytofluorimetric Analysis of Anti-LRP4 (LDL Receptor-Related Protein 4) Autoantibodies in Italian Patients with Myasthenia Gravis. <i>PLoS ONE</i> , 2015, 10, e0135378.	1.1	30
21	Neuroprotective effects of dietary restriction: Evidence and mechanisms. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 106-114.	2.3	79
22	The multikinase inhibitor Sorafenib enhances glycolysis and synergizes with glycolysis blockade for cancer cell killing. <i>Scientific Reports</i> , 2015, 5, 9149.	1.6	63
23	Quantitative analysis of autophagic flux by confocal pH-imaging of autophagic intermediates. <i>Autophagy</i> , 2015, 11, 1905-1916.	4.3	68
24	Organelle Stress and mTOR in Aging-Associated Inflammation. , 2014, , 165-181.		0
25	Epigenetic Modulation of Adult Hippocampal Neurogenesis by Extremely Low-Frequency Electromagnetic Fields. <i>Molecular Neurobiology</i> , 2014, 49, 1472-1486.	1.9	64
26	Quantitative Assessment of the Relationship Between Cellular Morphodynamics and Signaling Events by Stochastic Analysis of Fluorescent Images. <i>Microscopy and Microanalysis</i> , 2014, 20, 1198-1207.	0.2	3
27	Brain response to calorie restriction. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3157-3170.	2.4	56
28	p66ShcA. <i>Vitamins and Hormones</i> , 2013, 91, 219-241.	0.7	18
29	Monitoring Nutrient Signaling Through the Longevity Protein p66SHC1. <i>Methods in Molecular Biology</i> , 2013, 965, 341-353.	0.4	0
30	A role for neuronal cAMP responsive-element binding (CREB)-1 in brain responses to calorie restriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 621-626.	3.3	141
31	The human OCTN1 (SLC22A4) reconstituted in liposomes catalyzes acetylcholine transport which is defective in the mutant L503F associated to the Crohn's disease. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 559-565.	1.4	51
32	Sirt1: Defeating senescence?. <i>Cell Cycle</i> , 2012, 11, 4135-4146.	1.3	55
33	Bilirubin: An Endogenous Molecule with Antiviral Activity in vitro. <i>Frontiers in Pharmacology</i> , 2012, 3, 36.	1.6	28
34	Association of the OCTN1/1672T variant with increased risk for colorectal cancer in young individuals and ulcerative colitis patients. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 439-448.	0.9	25
35	Gene profiling of bone marrow- and adipose tissue-derived stromal cells: a key role of Kruppel-like factor 4 in cell fate regulation. <i>Cytotherapy</i> , 2011, 13, 329-340.	0.3	34
36	Cell death by sugar: Bittersweet TOR. <i>Cell Cycle</i> , 2011, 10, 13-14.	1.3	1

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37	Role of MnSOD and p66shc in Mitochondrial Response to p53. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1715-1727.	2.5	50
38	From growing to secreting: New roles for mTOR in aging cells. <i>Cell Cycle</i> , 2011, 10, 2450-2453.	1.3	40
39	Compartmentalization of the redox environment in PC-12 neuronal cells. <i>European Biophysics Journal</i> , 2010, 39, 993-999.	1.2	11
40	Molecular and genetic aspects of ethanol in human diet: a nutrient or a toxicant?. <i>Genes and Nutrition</i> , 2010, 5, 97-99.	1.2	0
41	Metastasis: cancer cells escape from oxidative stress. <i>Cancer and Metastasis Reviews</i> , 2010, 29, 351-378.	2.7	266
42	Mammalian life-span determinant p66 <sup>shcA</sup> mediates obesity-induced insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13420-13425.	3.3	96
43	Molecular mechanisms underlying human adipose tissue-derived stromal cells differentiation into a hepatocyte-like phenotype. <i>Digestive and Liver Disease</i> , 2010, 42, 895-901.	0.4	27
44	P66SHC and Ageing: ROS and TOR?. <i>Aging</i> , 2010, 2, 514-518.	1.4	40
45	Nutrient withdrawal rescues growth factor-deprived cells from mTOR-dependent damage. <i>Aging</i> , 2010, 2, 487-503.	1.4	33
46	Redox-Based Escape Mechanism from Death: The Cancer Lesson. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2791-2806.	2.5	81
47	Inhibitory effects of a manganese superoxide dismutase isolated from garlic ( <i>Allium sativum</i> L.) on in vitro tumoral cell growth. <i>Biotechnology Progress</i> , 2009, 25, 257-264.	1.3	16
48	Investigation of the spatial distribution of glutathione redox-balance in live cells by using Fluorescence Ratio Imaging Microscopy. <i>Biosensors and Bioelectronics</i> , 2009, 25, 682-687.	5.3	25
49	The p53-p66shc-Manganese Superoxide Dismutase (MnSOD) network: A mitochondrial intrigue to generate reactive oxygen species. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1002-1005.	1.2	93
50	Establishment of cancer cell lines from rat hepatocarcinoma and assessment of the role of granulocyte-colony stimulating factor and hepatocyte growth factor in their growth, motility and survival. <i>Journal of Hepatology</i> , 2009, 51, 77-92.	1.8	13
51	Bilirubin as an endogenous modulator of neurotrophin redox signaling. <i>Journal of Neuroscience Research</i> , 2008, 86, 2235-2249.	1.3	81
52	Role of the life span determinant P66shcA in ethanol-induced liver damage. <i>Laboratory Investigation</i> , 2008, 88, 750-760.	1.7	69
53	High-Resolution Imaging of Redox Signaling in Live Cells Through an Oxidation-Sensitive Yellow Fluorescent Protein. <i>Science Signaling</i> , 2008, 1, p13.	1.6	48
54	Gene expression profiling of Adrenal cortical tumors by cDNA macroarray analysis. Results of a preliminary study. <i>Biomedicine and Pharmacotherapy</i> , 2006, 60, 186-190.	2.5	20

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55	Pro-metastatic signaling by c-Met through RAC-1 and reactive oxygen species (ROS). <i>Oncogene</i> , 2006, 25, 3689-3698.	2.6	125
56	Smaller, Hungrier Mice. <i>Science</i> , 2006, 311, 1553-1554.	6.0	3
57	Bilirubin: an endogenous scavenger of nitric oxide and reactive nitrogen species. <i>Redox Report</i> , 2006, 11, 207-213.	1.4	102
58	Albumin-Bound Bilirubin Interacts with Nitric Oxide by a Redox Mechanism. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 487-494.	2.5	66
59	Protective role of MnSOD and redox regulation of neuronal cell survival. <i>Biomedicine and Pharmacotherapy</i> , 2005, 59, 197-203.	2.5	14
60	Abrogation of hepatocyte apoptosis and early appearance of liver dysplasia in ethanol-fed p53-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 97-100.	1.0	43
61	Mitochondrial Superoxide Dismutase: A Promising Target for New Anticancer Therapies. <i>Current Medicinal Chemistry</i> , 2004, 11, 1299-1308.	1.2	76
62	Increased expression of cyclin E is associated with an increased resistance to doxorubicin in rat fibroblasts. <i>British Journal of Cancer</i> , 2003, 88, 1956-1962.	2.9	22
63	Reactive oxygen species as essential mediators of cell adhesion. <i>Journal of Cell Biology</i> , 2003, 161, 933-944.	2.3	406
64	Redox Regulation of cAMP-responsive Element-binding Protein and Induction of Manganous Superoxide Dismutase in Nerve Growth Factor-dependent Cell Survival. <i>Journal of Biological Chemistry</i> , 2003, 278, 16510-16519.	1.6	115
65	The level of manganese superoxide dismutase content is an independent prognostic factor for glioblastoma. Biological mechanisms and clinical implications. <i>British Journal of Cancer</i> , 2001, 84, 529-534.	2.9	42
66	Cell Compartmentalization in Redox Signaling. <i>IUBMB Life</i> , 2001, 52, 7-16.	1.5	51