Paolo Sacchetta

List of Publications by Year
in descending order

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57 papers	1,985 citations	218677 26 h-index	254184 43 g-index
57 all docs	57 docs citations	57 times ranked	3415 citing authors

#	Article	IF	Citations
1	Proteomic and metabolomic characterization of streptozotocin-induced diabetic nephropathy in TIMP3-deficient mice. Acta Diabetologica, 2018, 55, 121-129.	2.5	25
2	Serum lipidomic study reveals potential early biomarkers for predicting response to chemoradiation therapy in advanced rectal cancer: A pilot study. Advances in Radiation Oncology, 2017, 2, 118-124.	1.2	30
3	Tear Film Steroid Profiling in Dry Eye Disease by Liquid Chromatography Tandem Mass Spectrometry. International Journal of Molecular Sciences, 2017, 18, 1349.	4.1	40
4	Advances in Lipidomics for Cancer Biomarkers Discovery. International Journal of Molecular Sciences, 2016, 17, 1992.	4.1	143
5	An integrated metabolomics approach for the research of new cerebrospinal fluid biomarkers of multiple sclerosis. Molecular BioSystems, 2015, 11, 1563-1572.	2.9	65
6	Molecular biomarkers in primary open-angle glaucoma. Progress in Brain Research, 2015, 221, 1-32.	1.4	26
7	Prostaglandin D2 synthase/GPR44: a signaling axis in PNS myelination. Nature Neuroscience, 2014, 17, 1682-1692.	14.8	66
8	l-Carnitine status in end-stage renal disease patients on automated peritoneal dialysis. Journal of Nephrology, 2014, 27, 699-706.	2.0	19
9	Shotgun proteomics reveals specific modulated protein patterns in tears of patients with primary open angle glaucoma naÃ¯ve to therapy. Molecular BioSystems, 2013, 9, 1108.	2.9	79
10	Proteomic and ionomic profiling reveals significant alterations of protein expression and calcium homeostasis in cystic fibrosis cells. Molecular BioSystems, 2013, 9, 1117.	2.9	13
11	Comparative proteome profiling of breast tumor cell lines by gel electrophoresis and mass spectrometry reveals an epithelial mesenchymal transition associated protein signature. Molecular BioSystems, 2013, 9, 1127-1138.	2.9	29
12	The Mitochondrial Italian Human Proteome Project Initiative (mt-HPP). Molecular BioSystems, 2013, 9, 1984-92.	2.9	10
13	Oxidative modifications of cerebral transthyretin are associated with multiple sclerosis. Proteomics, 2013, 13, 1002-1009.	2.2	22
14	Characterisation of element profile changes induced by long-term dietary supplementation of zinc in the brain and cerebellum of 3xTg-AD mice by alternated cool and normal plasma ICP-MS. Metallomics, 2012, 4, 1321.	2.4	9
15	Proteomic analysis of protein adsorption capacity of different haemodialysis membranes. Molecular BioSystems, 2012, 8, 1029.	2.9	44
16	Differential protein expression in tears of patients with primary open angle and pseudoexfoliative glaucoma. Molecular BioSystems, 2012, 8, 1017-1028.	2.9	67
17	A hyphenated microLCâ€Qâ€TOFâ€MS platform for exosomal lipidomics investigations: Application to RCC urinary exosomes. Electrophoresis, 2012, 33, 689-696.	2.4	91
18	Toward personalized hemodialysis by low molecular weight amino-containing compounds: future perspective of patient metabolic fingerprint. Blood Transfusion, 2012, 10 Suppl 2, s78-88.	0.4	17

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19	Beta2-microglobulin causes abnormal phosphatidylserine exposure in human red blood cells. Molecular BioSystems, 2011, 7, 651-658.	2.9	10
20	Phenotypic profile linked to inhibition of the major Zn influx system in Salmonella enterica: proteomics and ionomics investigations. Molecular BioSystems, 2011, 7, 608-619.	2.9	22
21	Lipidomic investigations for the characterization of circulating serum lipids in multiple sclerosis. Journal of Proteomics, 2011, 74, 2826-2836.	2.4	75
22	Confirmation of congenital adrenal hyperplasia by adrenal steroid profiling of filter paper dried blood samples using ultra-performance liquid chromatography-tandem mass spectrometry. Clinical Chemistry and Laboratory Medicine, 2011, 49, 677-84.	2.3	21
23	Plasma protein carbonylation in chronic uremia. Journal of Nephrology, 2011, 24, 453-464.	2.0	25
24	Monospecific high-affinity and complement activating anti-GM1 antibodies are determinants in experimental axonal neuropathy. Journal of the Neurological Sciences, 2010, 293, 76-81.	0.6	3
25	Methionine sulfoxide reductase A down-regulation in human breast cancer cells results in a more aggressive phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18628-18633.	7.1	83
26	Serum steroid profiling for Congenital Adrenal Hyperplasia using liquid chromatographyâ€“tandem mass spectrometry. Clinica Chimica Acta, 2010, 411, 222-228.	1.1	67
27	Protein phosphorylation stoichiometry by simultaneous ICP-QMS determination of phosphorus and sulfur oxide ions: A multivariate optimization of plasma operating conditions. Talanta, 2010, 80, 1513-1525.	5.5	21
28	Synthesis, Biological Evaluation, and Molecular Modeling of Oleuropein and Its Semisynthetic Derivatives as Cyclooxygenase Inhibitors. Journal of Agricultural and Food Chemistry, 2009, 57, 11161-11167.	5.2	96
29	Cleavage of cystatin C is not associated with multiple sclerosis. Annals of Neurology, 2007, 62, 201-204.	5.3	37
30	Proteomics Characterization of Protein Adsorption onto Hemodialysis Membranes. Journal of Proteome Research, 2006, 5, 2666-2674.	3.7	54
31	Differential post-translational modifications of transthyretin in Alzheimer's disease: A study of the cerebral spinal fluid. Proteomics, 2006, 6, 2305-2313.	2.2	70
32	A quantitative method for the analysis of glycated and glutathionylated hemoglobin by matrix-assisted laser desorption ionization-time of flight mass spectrometry. Analytical Biochemistry, 2005, 336, 279-288.	2.4	57
33	Molecular Modeling, Synthesis, and Preliminary Biological Evaluation of Glutathione-S-Transferase Inhibitors as Potential Therapeutic Agents. Journal of Medicinal Chemistry, 2005, 48, 6084-6089.	6.4	12
34	Sigma-class glutathione transferase from Xenopus laevis: molecular cloning, expression, and site-directed mutagenesis. Archives of Biochemistry and Biophysics, 2003, 419, 214-221.	3.0	10
35	Amino acid sequence of the major form of toad liver glutathione transferase. International Journal of Biochemistry and Cell Biology, 2002, 34, 1286-1290.	2.8	4
36	Purification and Characterization of Glutathione Transferases from the Sea Bass (Dicentrarchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.0	38

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37	Multiple Unfolded States of Glutathione Transferase bbGSTP1-1 by Guanidinium Chloride. Archives of Biochemistry and Biophysics, 1999, 369, 100-106.	3.0	13
38	Glyoxalases activity during Bufo bufo embryo development. Mechanisms of Ageing and Development, 1998, 100, 261-267.	4.6	4
39	Spatial distribution of glutathione, glutathione-related and antioxidant enzymes in cultured mouse embryos. Archives of Toxicology, 1997, 72, 38-44.	4.2	10
40	Interaction of glutathione transferase P1-1 with captan and captafol. Biochemical Pharmacology, 1996, 52, 43-48.	4.4	20
41	Analysis by limited proteolysis of domain organization and GSH-site arrangement of bacterial glutathione transferase B1-1. International Journal of Biochemistry and Cell Biology, 1995, 27, 1033-1041.	2.8	9
42	Glutathione peroxidase and glutathione reductase activities in cancerous and non-cancerous human kidney tissues. Cancer Letters, 1995, 91, 19-23.	7.2	21
43	Glyoxalase activities in tumor and non-tumor human urogenital tissues. Cancer Letters, 1995, 96, 189-193.	7.2	32
44	Time-dependent and tissue-specific variations of glutathione transferase activity during gestation in the mouse. Mechanisms of Ageing and Development, 1995, 78, 47-62.	4.6	18
45	Binding of pesticides to alpha, mu and pi class glutathione transferase. Toxicology Letters, 1995, 76, 173-177.	0.8	41
46	Developmental Aspects of Detoxifying Enzymes in Fish (Salmo Iridaeus). Free Radical Research, 1994, 21, 285-294.	3.3	58
47	Multiphasic denaturation of glutathione transferase B1-1 by guanidinium chloride. Role of the dimeric structure on the flexibility of the active site. FEBS Journal, 1993, 215, 741-745.	0.2	34
48	Investigation of intra-domain and inter-domain interactions of glutathione transferase P1-1 by limited chymotryptic cleavage. FEBS Journal, 1993, 218, 845-851.	0.2	8
49	Developmental aspects of Bufo bufo embryo glutathione transferases. Mechanisms of Ageing and Development, 1993, 68, 59-70.	4.6	15
50	Glutathione transferase isoenzymes in olfactory and respiratory epithelium of cattle. Biochemical Pharmacology, 1993, 46, 2127-2133.	4.4	11
51	Purification and characterization of glutathione transferase from psoriatic skin. Biochemical Medicine and Metabolic Biology, 1992, 48, 212-218.	0.7	8
52	Isolation of two high-molecular-mass proteinases from human erythrocytes. FEBS Journal, 1990, 191, 275-280.	0.2	4
53	Fragmentation of Human Hemoglobin by Oxidative Stress Produced by. Free Radical Research Communications, 1989, 6, 379-386.	1.8	3
54	Irreversible inactivation of calcium-dependent proteinases from rat liver by biological disulfides. FEBS Letters, 1987, 210, 81-84.	2.8	6

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55	Isoenzyme patterns of glutathione transferases from mammalian erythrocytes. Biochemical Medicine and Metabolic Biology, 1986, 36, 306-312.	0.7	8
56	Alkaline hydrolysis of N-ethylmaleimide allows a rapid assay of glutathione disulfide in biological samples. Analytical Biochemistry, 1986, 154, 205-208.	2.4	90
57	Glutathione peroxidase, glutathione S-transferase and glutathione reductase activities in normal and neoplastic human breast tissue. Cancer Letters, 1985, 29, 37-42.	7.2	72