

Cesare Mancuso

List of Publications by Year in Descending Order

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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.

98
papers

6,704
citations

49
h-index

81
g-index

101
ext. papers

7,400
ext. citations

5.3
avg, IF

5.97
L-index

#	Paper	IF	Citations
98	The brain heme oxygenase/biliverdin reductase system as a target in drug research and development.. <i>Expert Opinion on Therapeutic Targets</i> , 2022 , 1-14	6.4	0
97	Biliverdin reductase as a target in drug research and development: Facts and hypotheses. <i>Free Radical Biology and Medicine</i> , 2021 , 172, 521-529	7.8	3
96	Celecoxib Exerts Neuroprotective Effects in β Amyloid-Treated SH-SY5Y Cells Through the Regulation of Heme Oxygenase-1: Novel Insights for an Old Drug. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 561179	5.7	9
95	Curcumin and Heme Oxygenase: Neuroprotection and Beyond. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	13
94	Curcumin, Hormesis and the Nervous System. <i>Nutrients</i> , 2019 , 11,	6.7	55
93	The Heme Oxygenase/Biliverdin Reductase System as Effector of the Neuroprotective Outcomes of Herb-Based Nutritional Supplements. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1298	5.6	2
92	Ginsenosides, catechins, quercetin and gut microbiota: Current evidence of challenging interactions. <i>Food and Chemical Toxicology</i> , 2019 , 123, 42-49	4.7	57
91	Ferulic Acid Improves Cognitive Skills Through the Activation of the Heme Oxygenase System in the Rat. <i>Molecular Neurobiology</i> , 2018 , 55, 905-916	6.2	28
90	Alzheimer's disease and gut microbiota modifications: The long way between preclinical studies and clinical evidence. <i>Pharmacological Research</i> , 2018 , 129, 329-336	10.2	99
89	The contribution of transgenic and nontransgenic animal models in Alzheimer's disease drug research and development. <i>Behavioural Pharmacology</i> , 2017 , 28, 95-111	2.4	7
88	Bilirubin and brain: A pharmacological approach. <i>Neuropharmacology</i> , 2017 , 118, 113-123	5.5	37
87	Panax ginseng and Panax quinquefolius: From pharmacology to toxicology. <i>Food and Chemical Toxicology</i> , 2017 , 107, 362-372	4.7	130
86	K7 channels in the human detrusor: channel modulator effects and gene and protein expression. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017 , 390, 127-137	3.4	15
85	Rosmarinic acid up-regulates the noise-activated Nrf2/HO-1 pathway and protects against noise-induced injury in rat cochlea. <i>Free Radical Biology and Medicine</i> , 2015 , 85, 269-81	7.8	74
84	Heat shock proteins and hormesis in the diagnosis and treatment of neurodegenerative diseases. <i>Immunity and Ageing</i> , 2015 , 12, 20	9.7	79
83	Key factors which concur to the correct therapeutic evaluation of herbal products in free radical-induced diseases. <i>Frontiers in Pharmacology</i> , 2015 , 6, 86	5.6	12
82	Bach1 overexpression in Down syndrome correlates with the alteration of the HO-1/BVR-a system: insights for transition to Alzheimer's disease. <i>Journal of Alzheimerts Disease</i> , 2015 , 44, 1107-20	4.3	41

81	Ferulic Acid Regulates the Nrf2/Heme Oxygenase-1 System and Counteracts Trimethyltin-Induced Neuronal Damage in the Human Neuroblastoma Cell Line SH-SY5Y. <i>Frontiers in Pharmacology</i> , 2015 , 6, 305	5.6	48
80	Ferulic acid: pharmacological and toxicological aspects. <i>Food and Chemical Toxicology</i> , 2014 , 65, 185-95	4.7	301
79	The Janus face of the heme oxygenase/biliverdin reductase system in Alzheimer disease: it's time for reconciliation. <i>Neurobiology of Disease</i> , 2014 , 62, 144-59	7.5	83
78	Preclinical and clinical issues in Alzheimer's disease drug research and development. <i>Frontiers in Pharmacology</i> , 2014 , 5, 234	5.6	3
77	Potential Therapeutic Effects of Statins in Alzheimer's Disease 2014 , 2339-2354		
76	Trans-ferulic acid-based solid lipid nanoparticles and their antioxidant effect in rat brain microsomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 109, 273-9	6	70
75	Impairment of proteostasis network in Down syndrome prior to the development of Alzheimer's disease neuropathology: redox proteomics analysis of human brain. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 1249-59	6.9	92
74	Subarachnoid hemorrhage and carbon monoxide exposure: accidental association or fatal link?. <i>Journal of Forensic Sciences</i> , 2013 , 58, 1364-6	1.8	2
73	Lack of p53 decreases basal oxidative stress levels in the brain through upregulation of thioredoxin-1, biliverdin reductase-A, manganese superoxide dismutase, and nuclear factor kappa-B. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 1407-20	8.4	25
72	Inhibition of lipid peroxidation and protein oxidation by endogenous and exogenous antioxidants in rat brain microsomes in vitro. <i>Neuroscience Letters</i> , 2012 , 518, 101-5	3.3	58
71	Natural substances and Alzheimer's disease: from preclinical studies to evidence based medicine. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 616-24	6.9	58
70	Association between frontal cortex oxidative damage and beta-amyloid as a function of age in Down syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 130-8	6.9	87
69	Sex differences in brain proteomes of neuron-specific STAT3-null mice after cerebral ischemia/reperfusion. <i>Journal of Neurochemistry</i> , 2012 , 121, 680-92	6	24
68	Redox proteomics analyses of the influence of co-expression of wild-type or mutated LRRK2 and Tau on <i>C. elegans</i> protein expression and oxidative modification: relevance to Parkinson disease. <i>Antioxidants and Redox Signaling</i> , 2012 , 17, 1490-506	8.4	39
67	Lack of p53 affects the expression of several brain mitochondrial proteins: insights from proteomics into important pathways regulated by p53. <i>PLoS ONE</i> , 2012 , 7, e49846	3.7	13
66	Bilirubin: An Endogenous Molecule with Antiviral Activity in vitro. <i>Frontiers in Pharmacology</i> , 2012 , 3, 36	5.6	22
65	Biliverdin reductase-A: a novel drug target for atorvastatin in a dog pre-clinical model of Alzheimer disease. <i>Journal of Neurochemistry</i> , 2012 , 120, 135-46	6	53
64	Heme oxygenase-1 posttranslational modifications in the brain of subjects with Alzheimer disease and mild cognitive impairment. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 2292-301	7.8	92

63	HO-1/BVR-a system analysis in plasma from probable Alzheimer's disease and mild cognitive impairment subjects: a potential biochemical marker for the prediction of the disease. <i>Journal of Alzheimers Disease</i> , 2012 , 32, 277-89	4.3	36
62	Atorvastatin treatment in a dog preclinical model of Alzheimer's disease leads to up-regulation of haem oxygenase-1 and is associated with reduced oxidative stress in brain. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 981-7	5.8	55
61	Long-term high-dose atorvastatin decreases brain oxidative and nitrosative stress in a preclinical model of Alzheimer disease: a novel mechanism of action. <i>Pharmacological Research</i> , 2011 , 63, 172-80	10.2	74
60	Cholesterol-independent neuroprotective and neurotoxic activities of statins: perspectives for statin use in Alzheimer disease and other age-related neurodegenerative disorders. <i>Pharmacological Research</i> , 2011 , 64, 180-6	10.2	60
59	Curcumin and Alzheimer disease: this marriage is not to be performed. <i>Journal of Biological Chemistry</i> , 2011 , 286, 1e3; author reply 1e4	5.4	34
58	Pharmacologists and Alzheimer disease therapy: to boldly go where no scientist has gone before. <i>Expert Opinion on Investigational Drugs</i> , 2011 , 20, 1243-61	5.9	34
57	Biliverdin reductase--a protein levels and activity in the brains of subjects with Alzheimer disease and mild cognitive impairment. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011 , 1812, 480-7	6.9	65
56	Coenzyme Q10 and cognition in atorvastatin treated dogs. <i>Neuroscience Letters</i> , 2011 , 501, 92-5	3.3	14
55	Quantitative proteomics analysis of phosphorylated proteins in the hippocampus of Alzheimer's disease subjects. <i>Journal of Proteomics</i> , 2011 , 74, 1091-103	3.9	78
54	Oxidative and nitrosative modifications of biliverdin reductase-A in the brain of subjects with Alzheimer's disease and amnesic mild cognitive impairment. <i>Journal of Alzheimers Disease</i> , 2011 , 25, 623-33	4.3	68
53	Experimental research on nitric oxide and the therapy of Alzheimer disease: a challenging bridge. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 766-76	2.6	13
52	Roles of nitric oxide, carbon monoxide, and hydrogen sulfide in the regulation of the hypothalamic-pituitary-adrenal axis. <i>Journal of Neurochemistry</i> , 2010 , 113, 563-75	6	81
51	The hormetic role of dietary antioxidants in free radical-related diseases. <i>Current Pharmaceutical Design</i> , 2010 , 16, 877-83	3.3	117
50	Synthesis, characterization, and anti-inflammatory activity of diclofenac-bound cotton fibers. <i>Biomacromolecules</i> , 2010 , 11, 1716-20	6.9	21
49	Heme oxygenase-derived carbon monoxide modulates gonadotropin-releasing hormone release in immortalized hypothalamic neurons. <i>Neuroscience Letters</i> , 2010 , 471, 175-8	3.3	13
48	In vivo protective effect of ferulic acid against noise-induced hearing loss in the guinea-pig. <i>Neuroscience</i> , 2010 , 169, 1575-88	3.9	93
47	Redox homeostasis and cellular stress response in aging and neurodegeneration. <i>Methods in Molecular Biology</i> , 2010 , 610, 285-308	1.4	112
46	Vitagenes, dietary antioxidants and neuroprotection in neurodegenerative diseases. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 376-97	2.8	111

45	Characterization of the S-denitrosylating activity of bilirubin. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2365-2375	5.6	50
44	Ferulic acid and its therapeutic potential as a hormetin for age-related diseases. <i>Biogerontology</i> , 2009 , 10, 97-108	4.5	211
43	Curcumin in clinical practice: myth or reality?. <i>Trends in Pharmacological Sciences</i> , 2009 , 30, 333-4	13.2	56
42	Heme Oxygenase as a Therapeutic Funnel in Nutritional Redox Homeostasis and Cellular Stress Response 2009 , 39-52		
41	Therapeutic use of tea derivatives: all that glitters is not gold. <i>Blood</i> , 2009 , 114, 2359-60	2.2	10
40	Characterization of the S-denitrosylating activity of bilirubin. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2365-75	5.6	33
39	The heme oxygenase/biliverdin reductase pathway in drug research and development. <i>Current Drug Metabolism</i> , 2009 , 10, 579-94	3.5	86
38	The role of antioxidant supplement in immune system, neoplastic, and neurodegenerative disorders: a point of view for an assessment of the risk/benefit profile. <i>Nutrition Journal</i> , 2008 , 7, 29	4.3	89
37	Heme oxygenase expression and activity in immortalized hypothalamic neurons GT1-7. <i>Neuroscience Letters</i> , 2008 , 444, 106-8	3.3	2
36	Redox regulation of cellular stress response by ferulic acid ethyl ester in human dermal fibroblasts: role of vitagenes. <i>Clinics in Dermatology</i> , 2008 , 26, 358-63	3	75
35	Practical approaches to investigate redox regulation of heat shock protein expression and intracellular glutathione redox state. <i>Methods in Enzymology</i> , 2008 , 441, 83-110	1.7	30
34	The protective role of carotenoids against 7-keto-cholesterol formation in solution. <i>Molecular and Cellular Biochemistry</i> , 2008 , 309, 61-8	4.2	33
33	Cellular stress response: a novel target for chemoprevention and nutritional neuroprotection in aging, neurodegenerative disorders and longevity. <i>Neurochemical Research</i> , 2008 , 33, 2444-71	4.6	223
32	Bilirubin as an endogenous modulator of neurotrophin redox signaling. <i>Journal of Neuroscience Research</i> , 2008 , 86, 2235-49	4.4	59
31	Curcumin and the cellular stress response in free radical-related diseases. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 1062-73	5.9	115
30	Nutritional Redox Homeostasis and Cellular Stress Response. <i>Oxidative Stress and Disease</i> , 2008 ,		1
29	In vivo induction of heat shock proteins in the substantia nigra following L-DOPA administration is associated with increased activity of mitochondrial complex I and nitrosative stress in rats: regulation by glutathione redox state. <i>Journal of Neurochemistry</i> , 2007 , 101, 709-17	6	46
28	Redox regulation of cellular stress response in aging and neurodegenerative disorders: role of vitagenes. <i>Neurochemical Research</i> , 2007 , 32, 757-73	4.6	181

27	Oxidatively-modified and glycated proteins as candidate pro-inflammatory toxins in uremia and dialysis patients. <i>Amino Acids</i> , 2007 , 32, 573-92	3.5	27
26	Nitric Oxide and Cellular Stress Response in Brain Aging and Neurodegenerative Disorders 2007 , 115-134		3
25	Oxidative stress and cellular stress response in diabetic nephropathy. <i>Cell Stress and Chaperones</i> , 2007 , 12, 299-306	4	113
24	Nitric oxide in the central nervous system: neuroprotection versus neurotoxicity. <i>Nature Reviews Neuroscience</i> , 2007 , 8, 766-75	13.5	948
23	Natural antioxidants in Alzheimer's disease. <i>Expert Opinion on Investigational Drugs</i> , 2007 , 16, 1921-31	5.9	113
22	Mitochondrial dysfunction, free radical generation and cellular stress response in neurodegenerative disorders. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 1107-23	2.8	236
21	Heme oxygenase and cyclooxygenase in the central nervous system: a functional interplay. <i>Journal of Neuroscience Research</i> , 2006 , 84, 1385-91	4.4	53
20	Bilirubin: an endogenous scavenger of nitric oxide and reactive nitrogen species. <i>Redox Report</i> , 2006 , 11, 207-13	5.9	71
19	Albumin-bound bilirubin interacts with nitric oxide by a redox mechanism. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 487-94	8.4	55
18	beta-Carotene and cigarette smoke condensate regulate heme oxygenase-1 and its repressor factor Bach1: relationship with cell growth. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1069-80	8.4	29
17	Nitrosative stress, cellular stress response, and thiol homeostasis in patients with Alzheimer's disease. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1975-86	8.4	189
16	Redox regulation of cellular stress response in neurodegenerative disorders. <i>Italian Journal of Biochemistry</i> , 2006 , 55, 263-82		45
15	Protective role of MnSOD and redox regulation of neuronal cell survival. <i>Biomedicine and Pharmacotherapy</i> , 2005 , 59, 197-203	7.5	13
14	Caspase-3 inhibits the growth of breast cancer cells independent of protease activity. <i>Journal of Cellular Physiology</i> , 2005 , 202, 478-82	7	8
13	Heme oxygenase and its products in the nervous system. <i>Antioxidants and Redox Signaling</i> , 2004 , 6, 878-874		93
12	Heme Oxygenase and Its Products in the Nervous System. <i>Antioxidants and Redox Signaling</i> , 2004 , 6, 878-887		18
11	Bilirubin and S-nitrosothiols interaction: evidence for a possible role of bilirubin as a scavenger of nitric oxide. <i>Biochemical Pharmacology</i> , 2003 , 66, 2355-63	6	81
10	Inhibition of heme oxygenase in the central nervous system potentiates endotoxin-induced vasopressin release in the rat. <i>Journal of Neuroimmunology</i> , 1999 , 99, 189-94	3.5	48

9	Bacterial lipopolysaccharide increases prostaglandin production by rat astrocytes via inducible cyclo-oxygenase: evidence for the involvement of nuclear factor kappaB. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 263, 570-4	3.4	39
8	The relative contribution of constitutive and inducible cyclooxygenase activity to lipopolysaccharide-induced prostaglandin production by primary cultures of rat hypothalamic astrocytes. <i>Neuroscience Letters</i> , 1998 , 246, 45-8	3.3	23
7	The generation of nitric oxide and carbon monoxide produces opposite effects on the release of immunoreactive interleukin-1beta from the rat hypothalamus in vitro: evidence for the involvement of different signaling pathways. <i>Endocrinology</i> , 1998 , 139, 1031-7	4.8	52
6	The secondary alcohol metabolite of doxorubicin irreversibly inactivates aconitase/iron regulatory protein-1 in cytosolic fractions from human myocardium. <i>FASEB Journal</i> , 1998 , 12, 541-52	0.9	127
5	The role of carbon monoxide in the regulation of neuroendocrine function. <i>NeuroImmunoModulation</i> , 1997 , 4, 225-9	2.5	51
4	The release of immunoreactive interleukin-1 beta from rat hypothalamic explants is modulated by neurotransmitters and corticotropin-releasing hormone. <i>Pharmacological Research</i> , 1997 , 36, 269-73	10.2	27
3	Evidence that carbon monoxide stimulates prostaglandin endoperoxide synthase activity in rat hypothalamic explants and in primary cultures of rat hypothalamic astrocytes. <i>Molecular Brain Research</i> , 1997 , 45, 294-300		43
2	Activation of heme oxygenase and consequent carbon monoxide formation inhibits the release of arginine vasopressin from rat hypothalamic explants. Molecular linkage between heme catabolism and neuroendocrine function. <i>Molecular Brain Research</i> , 1997 , 50, 267-76		48
1	Evidence for the neuronal origin of immunoreactive interleukin-1 beta released by rat hypothalamic explants. <i>Neuroscience Letters</i> , 1996 , 219, 143-6	3.3	35