

Liberato Berrino

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

3,989
citations

126907

33
h-index

123424

61
g-index

87
all docs

87
docs citations

87
times ranked

6414
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute Hyperglycemia Induces Nitrotyrosine Formation and Apoptosis in Perfused Heart From Rat. <i>Diabetes</i> , 2002, 51, 1076-1082.	0.6	256
2	Oxidative Stress and Cellular Response to Doxorubicin: A Common Factor in the Complex Milieu of Anthracycline Cardiotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	255
3	Anthracycline Cardiomyopathy Is Mediated by Depletion of the Cardiac Stem Cell Pool and Is Rescued by Restoration of Progenitor Cell Function. <i>Circulation</i> , 2010, 121, 276-292.	1.6	239
4	Chemotherapeutic Drugs and Mitochondrial Dysfunction: Focus on Doxorubicin, Trastuzumab, and Sunitinib. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	4.0	237
5	Current pharmacological treatments for COVID-19: What's next?. <i>British Journal of Pharmacology</i> , 2020, 177, 4813-4824.	5.4	210
6	Increased TGF- β as a Mechanism of Acquired Resistance to the Anti-EGFR Inhibitor Cetuximab through EGFR-MET Interaction and Activation of MET Signaling in Colon Cancer Cells. <i>Clinical Cancer Research</i> , 2013, 19, 6751-6765.	7.0	130
7	Doxorubicin targets multiple players: A new view of an old problem. <i>Pharmacological Research</i> , 2018, 127, 4-14.	7.1	123
8	Doxorubicin induces senescence and impairs function of human cardiac progenitor cells. <i>Basic Research in Cardiology</i> , 2013, 108, 334.	5.9	122
9	Interaction between vanilloid and glutamate receptors in the central modulation of nociception. <i>European Journal of Pharmacology</i> , 2002, 439, 69-75.	3.5	120
10	SIRT1 activation attenuates diastolic dysfunction by reducing cardiac fibrosis in a model of anthracycline cardiomyopathy. <i>International Journal of Cardiology</i> , 2016, 205, 99-110.	1.7	114
11	Absence of Inducible Nitric Oxide Synthase Reduces Myocardial Damage During Ischemia Reperfusion in Streptozotocin-Induced Hyperglycemic Mice. <i>Diabetes</i> , 2004, 53, 454-462.	0.6	85
12	Antitumor activity of pimasertib, a selective MEK 1/2 inhibitor, in combination with PI3K/mTOR inhibitors or with multi-targeted kinase inhibitors in pimasertib-resistant human lung and colorectal cancer cells. <i>International Journal of Cancer</i> , 2013, 133, 2089-2101.	5.1	81
13	Synergistic Antitumor Activity of Sorafenib in Combination with Epidermal Growth Factor Receptor Inhibitors in Colorectal and Lung Cancer Cells. <i>Clinical Cancer Research</i> , 2010, 16, 4990-5001.	7.0	79
14	Periaqueductal gray matter metabotropic glutamate receptors modulate formalin-induced nociception. <i>Pain</i> , 2000, 85, 183-189.	4.2	76
15	Amelioration of diastolic dysfunction by dapagliflozin in a non-diabetic model involves coronary endothelium. <i>Pharmacological Research</i> , 2020, 157, 104781.	7.1	74
16	Effects of ranolazine in a model of doxorubicin-induced left ventricle diastolic dysfunction. <i>British Journal of Pharmacology</i> , 2017, 174, 3696-3712.	5.4	73
17	SIRT1 activation rescues doxorubicin-induced loss of functional competence of human cardiac progenitor cells. <i>International Journal of Cardiology</i> , 2015, 189, 30-44.	1.7	65
18	Pregnenolone sulfate increases the convulsant potency of N-methyl-D-aspartate in mice. <i>European Journal of Pharmacology</i> , 1992, 219, 477-479.	3.5	61

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19	Results of the safety run-in part of the METAL (METformin in Advanced Lung cancer) study: a multicentre, open-label phase II study of metformin with erlotinib in second-line therapy of patients with stage IV non-small-cell lung cancer. <i>ESMO Open</i> , 2017, 2, e000132.	4.5	61
20	Chronic exposure to low dose of bisphenol A impacts on the first round of spermatogenesis via SIRT1 modulation. <i>Scientific Reports</i> , 2018, 8, 2961.	3.3	61
21	MicroRNA-34a regulates doxorubicin-induced cardiotoxicity in rat. <i>Oncotarget</i> , 2016, 7, 62312-62326.	1.8	61
22	Sitagliptin reduces inflammation, fibrosis and preserves diastolic function in a rat model of heart failure with preserved ejection fraction. <i>British Journal of Pharmacology</i> , 2017, 174, 4070-4086.	5.4	58
23	Neuropsychiatric clinical manifestations in elderly patients treated with hydroxychloroquine: a review article. <i>Inflammopharmacology</i> , 2018, 26, 1141-1149.	3.9	58
24	AXL is an oncotarget in human colorectal cancer. <i>Oncotarget</i> , 2015, 6, 23281-23296.	1.8	55
25	Atrial myxomas arise from multipotent cardiac stem cells. <i>European Heart Journal</i> , 2020, 41, 4332-4345.	2.2	51
26	Antinociceptive effect in mice of intraperitoneal N-methyl-D-aspartate receptor antagonists in the formalin test. <i>European Journal of Pain</i> , 2003, 7, 131-137.	2.8	49
27	Doxorubicin cardiotoxicity and target cells: a broader perspective. <i>Cardio-Oncology</i> , 2016, 2, 2.	1.7	48
28	Hyperglycaemia-induced epigenetic changes drive persistent cardiac dysfunction via the adaptor p66Shc. <i>International Journal of Cardiology</i> , 2018, 268, 179-186.	1.7	47
29	Mesenchymal stem cells effectively reduce surgically induced stenosis in rat carotids. <i>Journal of Cellular Physiology</i> , 2008, 217, 789-799.	4.1	42
30	The Role of Renin-Angiotensin-Aldosterone System in the Heart and Lung: Focus on COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 667254.	3.5	39
31	Angiotensin II and angiotensin 1-7: which is their role in atrial fibrillation?. <i>Heart Failure Reviews</i> , 2020, 25, 367-380.	3.9	37
32	Periaqueductal gray area and cardiovascular function. <i>Pharmacological Research</i> , 1994, 29, 27-36.	7.1	36
33	Campania Region (Italy) spontaneous reporting system and preventability assessment through a case-by-case approach: a pilot study on psychotropic drugs. <i>Expert Opinion on Drug Safety</i> , 2016, 15, 9-15.	2.4	36
34	Renin-Angiotensin System and Coronavirus Disease 2019: A Narrative Review. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 143.	2.4	35
35	Safety Profile of Anticancer and Immune-Modulating Biotech Drugs Used in a Real World Setting in Campania Region (Italy): BIO-Cam Observational Study. <i>Frontiers in Pharmacology</i> , 2017, 8, 607.	3.5	33
36	Therapeutic strategies to fight COVID-19: Which is the status artis?. <i>British Journal of Pharmacology</i> , 2022, 179, 2128-2148.	5.4	33

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37	Myocardial Strain Analysis in a Doxorubicin-Induced Cardiomyopathy Model. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 370-378.	1.5	32
38	Long-term administration of ranolazine attenuates diastolic dysfunction and adverse myocardial remodeling in a model of heart failure with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2016, 217, 69-79.	1.7	32
39	The New Paradigms in Clinical Research: From Early Access Programs to the Novel Therapeutic Approaches for Unmet Medical Needs. <i>Frontiers in Pharmacology</i> , 2019, 10, 111.	3.5	31
40	Current and future therapeutic perspective in chronic heart failure. <i>Pharmacological Research</i> , 2022, 175, 106035.	7.1	31
41	Role of periaqueductal grey prostaglandin receptors in formalin-induced hyperalgesia. <i>European Journal of Pharmacology</i> , 2006, 530, 40-47.	3.5	28
42	Upregulation of TH/IL-17 Pathway-Related Genes in Human Coronary Endothelial Cells Stimulated with Serum of Patients with Acute Coronary Syndromes. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 1.	2.4	28
43	Statins Stimulate New Myocyte Formation After Myocardial Infarction by Activating Growth and Differentiation of the Endogenous Cardiac Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7927.	4.1	27
44	Novel potential targets for prevention of arterial restenosis: insights from the pre-clinical research. <i>Clinical Science</i> , 2014, 127, 615-634.	4.3	25
45	Cardioprotective effects of miR-34a silencing in a rat model of doxorubicin toxicity. <i>Scientific Reports</i> , 2020, 10, 12250.	3.3	25
46	The role of A3 adenosine receptors in central regulation of arterial blood pressure. <i>British Journal of Pharmacology</i> , 1998, 125, 437-440.	5.4	24
47	M40403 prevents myocardial injury induced by acute hyperglycaemia in perfused rat heart. <i>European Journal of Pharmacology</i> , 2004, 497, 65-74.	3.5	24
48	Stem Cell Therapy for Arterial Restenosis: Potential Parameters Contributing to the Success of Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Cardiovascular Drugs and Therapy</i> , 2012, 26, 9-21.	2.6	24
49	Interactive role of l-glutamate and vasopressin, at the level of the PAG area, for cardiovascular tone and stereotyped behaviour. <i>Brain Research</i> , 1992, 597, 166-169.	2.2	23
50	Quinolones-Induced Musculoskeletal, Neurological, and Psychiatric ADRs: A Pharmacovigilance Study Based on Data From the Italian Spontaneous Reporting System. <i>Frontiers in Pharmacology</i> , 2020, 11, 428.	3.5	22
51	c-Myc Antisense Oligonucleotides Preserve Smooth Muscle Differentiation and Reduce Negative Remodelling following Rat Carotid Arteriectomy. <i>Journal of Vascular Research</i> , 2005, 42, 214-225.	1.4	21
52	Strengths, weaknesses and future challenges of biosimilars™ development. An opinion on how to improve the knowledge and use of biosimilars in clinical practice. <i>Pharmacological Research</i> , 2017, 126, 138-142.	7.1	21
53	Nitric Oxide Participates in the Hypotensive Effect Induced by Adenosine A2 Subtype Receptor Stimulation. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 25, 1001-1005.	1.9	20
54	Endothelin-1 in periaqueductal gray area of mice induces analgesia via glutamatergic receptors. <i>Pain</i> , 1996, 65, 205-209.	4.2	19

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55	Dipeptidyl Peptidase 4 Inhibition Ameliorates Chronic Kidney Disease in a Model of Salt-Dependent Hypertension. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	18
56	Endothelin-1 in Rat Periaqueductal Gray Area Induces Hypertension Via Glutamatergic Receptors. <i>Hypertension</i> , 1995, 25, 507-510.	2.7	17
57	A Multicenter, Open-Label Phase II Study of Metformin With Erlotinib in Second-Line Therapy of Stage IV Nonâ€Small-Cell Lung Cancer Patients: Treatment Rationale and Protocol Dynamics of the METAL Trial. <i>Clinical Lung Cancer</i> , 2015, 16, 57-59.	2.6	16
58	Lung Mesenchymal Stem Cells Ameliorate Elastase-Induced Damage in an Animal Model of Emphysema. <i>Stem Cells International</i> , 2018, 2018, 1-10.	2.5	16
59	Neuron-specific enolase serum levels in COVID-19 are related to the severity of lung injury. <i>PLoS ONE</i> , 2021, 16, e0251819.	2.5	15
60	In vitro CSC-derived cardiomyocytes exhibit the typical microRNA-mRNA blueprint of endogenous cardiomyocytes. <i>Communications Biology</i> , 2021, 4, 1146.	4.4	15
61	Metabotropic and ionotropic glutamate receptors mediate opposite effects on periaqueductal gray matter. <i>European Journal of Pharmacology</i> , 1995, 285, 123-126.	3.5	14
62	Imatinib mesylate-induced cardiomyopathy involves resident cardiac progenitors. <i>Pharmacological Research</i> , 2018, 127, 15-25.	7.1	14
63	Formulation and Characterization of Solid Lipid Nanoparticles Loading RF22-c, a Potent and Selective 5-LO Inhibitor, in a Monocrotaline-Induced Model of Pulmonary Hypertension. <i>Frontiers in Pharmacology</i> , 2020, 11, 83.	3.5	14
64	Local inhibition of ornithine decarboxylase reduces vascular stenosis in a murine model of carotid injury. <i>International Journal of Cardiology</i> , 2013, 168, 3370-3380.	1.7	12
65	Sodium-Glucose Cotransporter 2 Inhibitors and Heart Failure: A Bedside-to-Bench Journey. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 810791.	2.4	12
66	Hypothalamic paraventricular nucleus involvement in the pressor response to N-methyl-d-aspartic acid in the periaqueductal grey matter. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 353, 157-60.	3.0	11
67	DNA damage and repair in a model of rat vascular injury. <i>Clinical Science</i> , 2010, 118, 473-485.	4.3	10
68	Biosimilars in the European Union from comparability exercise to real world experience: What we achieved and what we still need to achieve. <i>Pharmacological Research</i> , 2017, 119, 265-271.	7.1	10
69	Involvement of periaqueductal gray area NMDA receptors in endothelin-induced behavioural effects. <i>European Journal of Pharmacology</i> , 1993, 250, 209-212.	3.5	9
70	Stenosis progression after surgical injury in Milan hypertensive rat carotid arteries. <i>Cardiovascular Research</i> , 2003, 60, 654-663.	3.8	9
71	The European clinical trials regulation (No 536/2014): changes and challenges. <i>Expert Review of Clinical Pharmacology</i> , 2019, 12, 1027-1032.	3.1	9
72	<i>ABCA1, TCF7, NFATC1, PRKCZ,</i> and <i>PDGFA</i> DNA methylation as potential epigenetic-sensitive targets in acute coronary syndrome <i>via</i> network analysis. <i>Epigenetics</i> , 2022, 17, 547-563.	2.7	9

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73	Effects of L-NAME on endothelin-1-induced barrel-rolling in periaqueductal gray area of rats. <i>Life Sciences</i> , 1995, 57, PL357-PL360.	4.3	7
74	Evidence that A2a and not A2b purinoceptors are coupled to production of nitric oxide in the central regulation of blood pressure. <i>Environmental Toxicology and Pharmacology</i> , 1996, 2, 327-329.	4.0	7
75	Deficit of glucocorticoid-induced leucine zipper amplifies angiotensin-induced cardiomyocyte hypertrophy and diastolic dysfunction. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 217-228.	3.6	7
76	The Reporting Frequency of Ketoacidosis Events with Dapagliflozin from the European Spontaneous Reporting System: The DAPA-KETO Study. <i>Pharmaceuticals</i> , 2022, 15, 286.	3.8	7
77	Involvement of opioid receptors in N-Methyl-d-aspartate-induced arterial hypertension in periaqueductal gray matter. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1995, 351, 87-92.	3.0	6
78	Tisagenlecleucel in Children and Young Adults: Reverse Translational Research by Using Real-World Safety Data. <i>Pharmaceuticals</i> , 2020, 13, 258.	3.8	6
79	Evidence that arcaine increases the cardiovascular effects into the periaqueductal gray area of anesthetized rats. <i>Neuroscience Letters</i> , 1994, 165, 164-166.	2.1	5
80	Glucocorticoid-Induced Leucine Zipper (GILZ) in Cardiovascular Health and Disease. <i>Cells</i> , 2021, 10, 2155.	4.1	4
81	Doxorubicin Cardiotoxicity: Multiple Targets and Translational Perspectives. , 2018, , .		3
82	Injury to rat carotid arteries causes time-dependent changes in gene expression in contralateral uninjured arteries. <i>Clinical Science</i> , 2009, 116, 125-136.	4.3	2
83	Angiotensin II, via an action at AT1 receptors, may modulate the behavioural effects of ET-1 in conscious rats. <i>Life Sciences</i> , 1996, 59, PL355-PL358.	4.3	1
84	Disclosing negative trial results â€“ procedure. <i>Expert Review of Clinical Pharmacology</i> , 2016, 9, 1517-1519.	3.1	1