Valdir A Braga

List of Publications by Year
in descending order

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118 papers	2,433 citations	186265 28 h-index	265206 42 g-index
119 all docs	119 docs citations	119 times ranked	3255 citing authors

#	Article	IF	Citations
1	Different acquisition systems for heart rate variability analysis may lead to diverse outcomes. Brazilian Journal of Medical and Biological Research, 2022, 55, e11720.	1.5	2
2	Borneol reduces sympathetic vasomotor hyperactivity and restores depressed baroreflex sensitivity in rats with renovascular hypertension. Hypertension Research, 2022, 45, 802-813.	2.7	3
3	Inorganic nitrate and nitrite ameliorate kidney fibrosis by restoring lipid metabolism via dual regulation of AMP-activated protein kinase and the AKT-PGC1Î± pathway. Redox Biology, 2022, 51, 102266.	9.0	10
4	Preparation and properties of High sheared Poly(Vinyl Alcohol)/Chitosan blended Hydrogels films with Lawsonia inermis extract as wound dressing. Journal of Drug Delivery Science and Technology, 2021, 61, 102227.	3.0	16
5	Renovascular effects of inorganic nitrate following ischemia-reperfusion of the kidney. Redox Biology, 2021, 39, 101836.	9.0	13
6	Coconut Oil Supplementation Does Not Affect Blood Pressure Variability and Oxidative Stress: A Placebo-Controlled Clinical Study in Stage-1 Hypertensive Patients. Nutrients, 2021, 13, 798.	4.1	3
7	miR-27a in Extracellular Vesicles: Is It a Novel Modulator of Hypertension?. American Journal of Hypertension, 2020, 33, 21-22.	2.0	1
8	The new organic nitrate 2-nitrate-1,3-diocthanoxypropan (NDOP) induces nitric oxide production and vasorelaxation via activation of inward-rectifier potassium channels (KIR). Nitric Oxide - Biology and Chemistry, 2020, 104-105, 61-69.	2.7	4
9	Formulation and evaluation of Ocimum basilicum-based emulgel for wound healing using animal model. Saudi Pharmaceutical Journal, 2020, 28, 1842-1850.	2.7	39
10	Fabrication, Physical Characterizations, and In Vitro, In Vivo Evaluation of Ginger Extract-Loaded Gelatin/Poly(Vinyl Alcohol) Hydrogel Films Against Burn Wound Healing in Animal Model. AAPS PharmSciTech, 2020, 21, 323.	3.3	23
11	Formulation Development, Characterization, and Evaluation of a Novel Dexibuprofen-Capsaicin Skin Emulgel with Improved In Vivo Anti-inflammatory and Analgesic Effects. AAPS PharmSciTech, 2020, 21, 211.	3.3	41
12	PhysioArt: a teaching tool to motivate students to learn physiology. American Journal of Physiology - Advances in Physiology Education, 2020, 44, 564-569.	1.6	3
13	The obligatory role of host microbiota in bioactivation of dietary nitrate. Free Radical Biology and Medicine, 2019, 145, 342-348.	2.9	23
14	The probiotic Lactobacillus fermentum 296 attenuates cardiometabolic disorders in high fat diet-treated rats. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 1408-1417.	2.6	47
15	Impact of arterial hypertension and type 2 diabetes on cardiac autonomic modulation in obese individuals with recommendation for bariatric surgery . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 1503-1511.	2.4	7
16	Central Inhibition of Tumor Necrosis Factor Alpha Reduces Hypertension by Attenuating Oxidative Stress in the Rostral Ventrolateral Medulla in Renovascular Hypertensive Rats. Frontiers in Physiology, 2019, 10, 491.	2.8	13
17	Gut microbiota and probiotic intervention as a promising therapeutic for pregnant women with cardiometabolic disorders: Present and future directions. Pharmacological Research, 2019, 145, 104252.	7.1	34
18	Mechanisms underlying the effects of renal denervation in renovascular hypertension. Hypertension Research, 2019, 42, 754-757.	2.7	3

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19	Is the commissural nucleus of the solitary tract essential for the maintenance of renovascular hypertension? A putative role for the carotid bodies. Hypertension Research, 2019, 42, 749-751.	2.7	1
20	Maternal dyslipidemia during pregnancy and lactation increases blood pressure and disrupts cardiorespiratory and glucose hemostasis in female rat offspring. Applied Physiology, Nutrition and Metabolism, 2019, 44, 925-936.	1.9	12
21	Dietary Nitrate Reduces Blood Pressure in Rats With Angiotensin IIâ€"Induced Hypertension via Mechanisms That Involve Reduction of Sympathetic Hyperactivity. Hypertension, 2019, 73, 839-848.	2.7	26
22	Vasorelaxant Activity of Morita-Baylis-Hillman Adducts Derived from Eugenol on Superior Mesenteric Artery of Normotensive Rats. Revista Virtual De Quimica, 2019, 11, 1277-1288.	0.4	1
23	The novel organic mononitrate NDHP attenuates hypertension and endothelial dysfunction in hypertensive rats. Redox Biology, 2018, 15, 182-191.	9.0	12
24	Insights on the epigenetic mechanisms underlying pulmonary arterial hypertension. Brazilian Journal of Medical and Biological Research, 2018, 51, e7437.	1.5	17
25	Glial Cells Are Involved in ANG-II-Induced Vasopressin Release and Sodium Intake in Awake Rats. Frontiers in Physiology, 2018, 9, 430.	2.8	7
26	A Newly Isolated Carboxymethyl-Glucan (CM-G) Restores Depressed Baroreflex Sensitivity in Renovascular Hypertensive Rats. Frontiers in Physiology, 2018, 9, 607.	2.8	8
27	The usefulness of short-term high-fat/high salt diet as a model of metabolic syndrome in mice. Life Sciences, 2018, 209, 341-348.	4.3	8
28	The Newly Synthesized Pyrazole Derivative 5-(1-(3 Fluorophenyl)-1H-Pyrazol-4-yl)-2H-Tetrazole Reduces Blood Pressure of Spontaneously Hypertensive Rats via NO/cGMO Pathway. Frontiers in Physiology, 2018, 9, 1073.	2.8	13
29	Central administration of TRV027 improves baroreflex sensitivity and vascular reactivity in spontaneously hypertensive rats. Clinical Science, 2018, 132, 1513-1527.	4.3	19
30	Scorpion Venom Peptides as a Potential Source for Human Drug Candidates. Protein and Peptide Letters, 2018, 25, 702-708.	0.9	25
31	Synthesis and characterization of a novel organic nitrate NDHP: Role of xanthine oxidoreductase-mediated nitric oxide formation. Redox Biology, 2017, 13, 163-169.	9.0	12
32	Resveratrol restores uterine contractions during hypoxia by blockade of ATP-sensitive potassium channels. Journal of Functional Foods, 2017, 33, 307-313.	3.4	3
33	Acute Treatment with Lauric Acid Reduces Blood Pressure and Oxidative Stress in Spontaneously Hypertensive Rats. Basic and Clinical Pharmacology and Toxicology, 2017, 120, 348-353.	2.5	39
34	Effect of maternal dyslipidaemia on the cardiorespiratory physiology and biochemical parameters in male rat offspring. British Journal of Nutrition, 2017, 118, 930-941.	2.3	16
35	Editorial: Celebrating Twenty Years of the Brazilian Symposium on Cardiovascular Physiology. Frontiers in Physiology, 2017, 8, 166.	2.8	0
36	Effects of Sesame (Sesamum indicum L.) Supplementation on Creatine Kinase, Lactate Dehydrogenase, Oxidative Stress Markers, and Aerobic Capacity in Semi-Professional Soccer Players. Frontiers in Physiology, 2017, 8, 196.	2.8	16

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37	Relative Free Radicals Scavenging and Enzymatic Activities of Hippophae rhamnoides and Cassia fistula Extracts: Importance for Cosmetic, Food and Medicinal Applications. Cosmetics, 2017, 4, 3.	3.3	6
38	Alkaloids and Phenolic Compounds from Sida rhombifolia L. (Malvaceae) and Vasorelaxant Activity of Two Indoquinoline Alkaloids. Molecules, 2017, 22, 94.	3.8	31
39	Antioxidant and Antihypertensive Effects of a Chemically Defined Fraction of Syrah Red Wine on Spontaneously Hypertensive Rats. Nutrients, 2017, 9, 574.	4.1	13
40	Developing New Organic Nitrates for Treating Hypertension. , 2017, , 243-262.		0
41	Gender Differences in Heart Rate Variability Among Individuals Undergoing Regular Resistance Training: Preliminary observations. Sultan Qaboos University Medical Journal, 2017, 17, e209-212.	1.0	3
42	Inhibition of PDE5 Restores Depressed Baroreflex Sensitivity in Renovascular Hypertensive Rats. Frontiers in Physiology, 2016, 7, 15.	2.8	19
43	Editorial: New Translational Insights on Metabolic Syndrome: Obesity, Hypertension, Diabetes and Beyond. Frontiers in Physiology, 2016, 7, 229.	2.8	8
44	New Insights on the Use of Dietary Polyphenols or Probiotics for the Management of Arterial Hypertension. Frontiers in Physiology, 2016, 7, 448.	2.8	41
45	A Disintegrin and Metalloprotease 17 in the Cardiovascular and Central Nervous Systems. Frontiers in Physiology, 2016, 7, 469.	2.8	55
46	Nitric oxide generation by the organic nitrate NDBP attenuates oxidative stress and angiotensin Iiâ€mediated hypertension. British Journal of Pharmacology, 2016, 173, 2290-2302.	5.4	16
47	Antiâ€asthmatic and anxiolytic effects ofHerissantia tiubae, a Brazilian medicinal plant. Immunity, Inflammation and Disease, 2016, 4, 201-212.	2.7	4
48	Integrity of the dorsolateral periaqueductal grey is essential for the fight-or-flight response, but not the respiratory component of a defense reaction. Respiratory Physiology and Neurobiology, 2016, 226, 94-101.	1.6	4
49	The new nitric oxide donor cyclohexane nitrate induces vasorelaxation, hypotension, and antihypertensive effects via NO/cGMP/PKG pathway. Frontiers in Physiology, 2015, 6, 243.	2.8	11
50	Adipokines, diabetes and atherosclerosis: an inflammatory association. Frontiers in Physiology, 2015, 6, 304.	2.8	160
51	Reactive Oxygen Species in the Paraventricular Nucleus of the Hypothalamus Alter Sympathetic Activity During Metabolic Syndrome. Frontiers in Physiology, 2015, 6, 384.	2.8	24
52	Antiobesity, hypolipidemic, antioxidant and hepatoprotective effects of Achyranthes aspera seed saponins in high cholesterol fed albino rats. Archives of Medical Science, 2015, 6, 1261-1271.	0.9	24
53	Homology modeling, vasorelaxant and bradykinin-potentiating activities of a novel hypotensin found in the scorpion venom from Tityus stigmurus. Toxicon, 2015, 101, 11-18.	1.6	20
54	Coconut oil supplementation and physical exercise improves baroreflex sensitivity and oxidative stress in hypertensive rats. Applied Physiology, Nutrition and Metabolism, 2015, 40, 393-400.	1.9	33

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55	Ondansetron and promethazine have differential effects on hypothermic responses to lithium chloride administration and to provocative motion in rats. Temperature, 2015, 2, 543-553.	3.0	9
56	Î±-Lipoic acid reduces neurogenic hypertension by blunting oxidative stress-mediated increase in ADAM17. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H926-H934.	3.2	32
57	Blockade of the dorsomedial hypothalamus and the perifornical area inhibits respiratory responses to arousing and stressful stimuli. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R816-R822.	1.8	25
58	Participation of the TRP channel in the cardiovascular effects induced by carvacrol in normotensive rat. Vascular Pharmacology, 2015, 67-69, 48-58.	2.1	33
59	The larvicidal activity of Agave sisalana against L4 larvae of Aedes aegypti is mediated by internal necrosis and inhibition of nitric oxide production. Parasitology Research, 2015, 114, 543-549.	1.6	20
60	Could AT1 Receptor Activation Increase Antioxidant Defense to Prevent Salt-Induced Vascular Dysfunction of 2 Kidneyâ€“1 Clip Hypertensive Rats?. American Journal of Hypertension, 2014, 27, 638-639.	2.0	0
61	Cardiorespiratory effects induced by 2-nitrate-1,3-dibuthoxypropan are reduced by nitric oxide scavenger in rats. Autonomic Neuroscience: Basic and Clinical, 2014, 181, 31-36.	2.8	7
62	Organic Nitrates: Past, Present and Future. Molecules, 2014, 19, 15314-15323.	3.8	30
63	Vasorelaxation Induced by a New Naphthoquinone-Oxime is Mediated by NO-sGC-cGMP Pathway. Molecules, 2014, 19, 9773-9785.	3.8	21
64	Oral supplementation with the rutin improves cardiovagal baroreflex sensitivity and vascular reactivity in hypertensive rats. Applied Physiology, Nutrition and Metabolism, 2013, 38, 1099-1106.	1.9	31
65	Secondary Metabolites from Sida rhombifolia L. (Malvaceae) and the Vasorelaxant Activity of Cryptolepinone. Molecules, 2013, 18, 2769-2777.	3.8	32
66	Angiotensin-II-derived reactive oxygen species on baroreflex sensitivity during hypertension: new perspectives. Frontiers in Physiology, 2013, 4, 105.	2.8	31
67	Anti-Aging Effects of Hippophae rhamnoides Emulsion on Human Skin. Tropical Journal of Pharmaceutical Research, 2013, 11, .	0.3	7
68	Participation of Nitric Oxide Pathway in the Relaxation Response Induced by E-cinnamaldehyde Oxime in Superior Mesenteric Artery Isolated From Rats. Journal of Cardiovascular Pharmacology, 2013, 62, 58-66.	1.9	18
69	Reducing Oxidative Stress in the Rostral Ventrolateral Medulla in Renovascular Hypertension by Peripheral Administration of Losartan: How and Where?. American Journal of Hypertension, 2013, 26, 1170-1170.	2.0	1
70	Commentaries on Viewpoint: Is the resting bradycardia in athletes the result of remodeling of the sinoatrial node rather than high vagal tone?. Journal of Applied Physiology, 2013, 114, 1356-1357.	2.5	7
71	Development, characterization and antioxidant activity of polysorbate based O/W emulsion containing polyphenols derived from Hippophae rhamnoides and Cassia fistula. Brazilian Journal of Pharmaceutical Sciences, 2013, 49, 763-773.	1.2	25
72	Scavenging of <scp>NADPH</scp> oxidaseâ€derived superoxide anions improves depressed baroreflex sensitivity in spontaneously hypertensive rats. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 373-378.	1.9	27

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73	The new nitric oxide donor 2-nitrate-1,3-dibuthoxypropan alters autonomic function in spontaneously hypertensive rats. Autonomic Neuroscience: Basic and Clinical, 2012, 171, 28-35.	2.8	16
74	The 2-nitrate-1,3-dibuthoxypropan, a new nitric oxide donor, induces vasorelaxation in mesenteric arteries of the rat. European Journal of Pharmacology, 2012, 690, 170-175.	3.5	24
75	Î±-Lipoic Acid Reduces Hypertension and Increases Baroreflex Sensitivity in Renovascular Hypertensive Rats. Molecules, 2012, 17, 13357-13367.	3.8	29
76	Erythroxylum pungens elicits vasorelaxation by reducing intracellular calcium concentration in vascular smooth muscle cells of rats. Revista Brasileira De Farmacognosia, 2012, 22, 436-442.	1.4	8
77	Quercetin Improves Baroreflex Sensitivity in Spontaneously Hypertensive Rats. Molecules, 2012, 17, 12997-13008.	3.8	46
78	Commentaries on Viewpoint: Does SIRT1 determine exercise-induced skeletal muscle mitochondrial biogenesis: differences between in vitro and in vivo experiments?. Journal of Applied Physiology, 2012, 112, 929-930.	2.5	2
79	Depressed Baroreflex Sensitivity in Hypertensive Rats: A Role for Reactive Oxygen Species. Journal of Hypertension: Open Access, 2012, 01, .	0.2	4
80	The 2â€nitrateâ€1,3â€dibuthoxypropan, a nitric oxide donor, alters autonomic function in spontaneously hypertensive rats. FASEB Journal, 2012, 26, 1091.52.	0.5	0
81	Acute superoxide scavenging restores depressed baroreflex sensitivity in renovascular hypertensive rats. Autonomic Neuroscience: Basic and Clinical, 2011, 159, 38-44.	2.8	42
82	Central antioxidant therapy inhibits parasympathetic baroreflex control in conscious rats. Neuroscience Letters, 2011, 489, 115-118.	2.1	16
83	Chronic consumption of distilled sugarcane spirit induces anxiolytic-like effects in mice. Clinics, 2011, 66, 873-878.	1.5	1
84	Differential brain angiotensin-II type I receptor expression in hypertensive rats. Journal of Veterinary Science, 2011, 12, 291.	1.3	9
85	Angiotensin-II-induced reactive oxygen species along the SFO-PVN-RVLM pathway: implications in neurogenic hypertension. Brazilian Journal of Medical and Biological Research, 2011, 44, 871-876.	1.5	83
86	Vasorelaxation, Induced by Dictyota pulchella (Dictyotaceae), a Brown Alga, Is Mediated via Inhibition of Calcium Influx in Rats. Marine Drugs, 2011, 9, 2075-2088.	4.6	10
87	Uncovering the Vasorelaxant Effect Induced by Vale do SÃ£o Francisco Red Wine: A Role for Nitric Oxide. Journal of Cardiovascular Pharmacology, 2011, 57, 696-701.	1.9	10
88	Cardiovascular Effects Elicited by Milonine, a New 8,14â€Dihydromorphinandienone Alkaloid. Basic and Clinical Pharmacology and Toxicology, 2011, 108, 122-130.	2.5	15
89	Angiotensin II-derived reactive oxygen species underpinning the processing of the cardiovascular reflexes in the medulla oblongata. Neuroscience Bulletin, 2011, 27, 269-274.	2.9	18
90	Chronic angiotensin II infusion modulates angiotensin II type I receptor expression in the subfornical organ and the rostral ventrolateral medulla in hypertensive rats. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 440-445.	1.7	37

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91	In Vivo Bioluminescence Imaging Reveals Redox-Regulated Activator Protein-1 Activation in Paraventricular Nucleus of Mice With Renovascular Hypertension. Hypertension, 2011, 57, 289-297.	2.7	38
92	Teaching the renal tubular reabsorption of glucose using two classic papers by Shannon et al.. American Journal of Physiology - Advances in Physiology Education, 2011, 35, 114-116.	1.6	3
93	Comments on Point:Counterpoint: The dominant contributor to systemic hypertension: Chronic activation of the sympathetic nervous system vs. Activation of the intrarenal renin-angiotensin system. Journal of Applied Physiology, 2010, 109, 2003-2014.	2.5	3
94	Superoxide scavenging in the rostral ventrolateral medulla blunts the pressor response to peripheral chemoreflex activation. Brain Research, 2010, 1351, 141-149.	2.2	22
95	Experimental infection by Toxoplasma gondii using contaminated semen containing different doses of tachyzoites in sheep. Veterinary Parasitology, 2010, 170, 318-322.	1.8	34
96	Unravelling the cardiovascular effects induced by Î±â€terpineol: A role for the nitric oxideâ€“cGMP pathway. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 811-816.	1.9	44
97	Dietary salt enhances angiotensin-II-induced superoxide formation in the rostral ventrolateral medulla. Autonomic Neuroscience: Basic and Clinical, 2010, 155, 14-18.	2.8	41
98	Characterization of reproductive disorders in ewes given an intrauterine dose of Toxoplasma gondii tachyzoites during the intrauterine insemination. Animal Reproduction Science, 2010, 122, 36-41.	1.5	17
99	Refinement of telemetry for measuring blood pressure in conscious rats. Journal of the American Association for Laboratory Animal Science, 2009, 48, 268-71.	1.2	9
100	Increased sympathetic outflow in juvenile rats submitted to chronic intermittent hypoxia correlates with enhanced expiratory activity. Journal of Physiology, 2008, 586, 3253-3265.	2.9	211
101	Are ATP and glutamate released from slowly adapting pulmonary stretch receptor afferents in the NTS?. Journal of Physiology, 2008, 586, 4791-4792.	2.9	1
102	Cardiovascular responses to peripheral chemoreflex activation and comparison of different methods to evaluate baroreflex gain in conscious mice using telemetry. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1168-R1174.	1.8	34
103	Longitudinal noninvasive monitoring of transcription factor activation in cardiovascular regulatory nuclei using bioluminescence imaging. Physiological Genomics, 2008, 33, 292-299.	2.3	14
104	Superoxide scavenging in the paraventricular nucleus (PVN) reduces sympathoexcitation and improves cardiac function following myocardial infarction. FASEB Journal, 2008, 22, 951.1.	0.5	1
105	Identification of Differentiallyâ€Expressed MicroRNAs in the Paraventricular Nucleus (PVN) Following Myocardial Infarction (MI). FASEB Journal, 2008, 22, 952.17.	0.5	0
106	Hypertension caused by angiotensin II infusion involves superoxide production in the RVLM resulting in enhanced sympathetic nerve activity. FASEB Journal, 2008, 22, 951.3.	0.5	0
107	Peripheral chemoreflex activation in conscious mice. FASEB Journal, 2008, 22, 739.2.	0.5	0
108	Increased sympathetic activity in rats submitted to chronic intermittent hypoxia (CIH) is coupled to enhanced late expiratory activity. FASEB Journal, 2008, 22, 739.1.	0.5	0

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109	Ischaemia-induced sympathoexcitation in spinalyzed rats. Neuroscience Letters, 2007, 415, 73-76.	2.1	19
110	Involvement ofl-glutamate and ATP in the neurotransmission of the sympathoexcitatory component of the chemoreflex in the commissural nucleus tractus solitarii of awake rats and in the working heart-brainstem preparation. Journal of Physiology, 2007, 581, 1129-1145.	2.9	79
111	ACTIVATION OF PERIPHERAL CHEMORECEPTORS CAUSES POSITIVE INOTROPIC EFFECTS IN A WORKING HEARTâ€"BRAINSTEM PREPARATION OF THE RAT. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 1156-1159.	1.9	16
112	Involvement of ATP and Lâ€glutamate in the neurotransmission of the sympathoexcitatory component of the chemoreflex in the commissural NTS in the working heartâ€brainstem preparation (WHBP) of rat.. FASEB Journal, 2007, 21, A467.	0.5	0
113	Chemoreflex sympathoexcitation was not altered by the antagonism of glutamate receptors in the commissural nucleus tractus solitarii in the working heart-brainstem preparation of rats. Experimental Physiology, 2006, 91, 551-559.	2.0	18
114	Sympathoexcitatory response to peripheral chemoreflex activation is enhanced in juvenile rats exposed to chronic intermittent hypoxia. Experimental Physiology, 2006, 91, 1025-1031.	2.0	53
115	Basic fibroblast growth factor promotes nerve regeneration in a Câ^'-ion-implanted silicon chamber. Brain Research, 2006, 1090, 51-57.	2.2	13
116	Autonomic and respiratory responses to microinjection of l-glutamate into the commissural subnucleus of the NTS in the working heartâ€"brainstem preparation of the rat. Brain Research, 2006, 1093, 150-160.	2.2	15
117	Chemoreflex sympathoâ€excitation in the working heartâ€brainstem preparation (WHBP) of rat was not affected by the antagonism of glutamate receptors in the commissural nucleus tractus solitarius (NTS).. FASEB Journal, 2006, 20, A363.	0.5	2
118	AUTONOMIC and RESPIRATORY RESPONSES TO MICROINJECTION OF ATP INTO THE INTERMEDIATE OR CAUDAL NUCLEUS TRACTUS SOLITARIUS IN THE WORKING HEART-BRAINSTEM PREPARATION OF THE RAT. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 467-472.	1.9	28