Ovidiu Baltatu

List of Publications by Year in descending order

85 papers	4,771 citations	201674 27 h-index	114465 63 g-index
87 all docs	87 docs citations	87 times ranked	3189 citing authors

#	Article	IF	Citations
1	Diabetes mortality and trends before 25 years of age: an analysis of the Global Burden of Disease Study 2019. Lancet Diabetes and Endocrinology,the, 2022, 10, 177-192.	11.4	66
2	Urinary Angiotensinogen-Melatonin Ratio in Gestational Diabetes and Preeclampsia. Frontiers in Molecular Biosciences, 2022, 9, 800638.	3.5	4
3	Burnout and Cardiovascular Risk in Healthcare Professionals During the COVID-19 Pandemic. Frontiers in Psychiatry, 2022, 13, 867233.	2.6	9
4	Photobiomodulation therapy's effects on cardiac fibrosis activation after experimental myocardial infarction. Lasers in Surgery and Medicine, 2022, , .	2.1	5
5	â€œInvolve Me and I Learnâ€ Active Learning in a Hybrid Medical Biochemistry First Year Course on an American-Style MD Program in the UAE. Medical Science Educator, 2022, , 1-7.	1.5	1
6	The action of aripiprazole and brexpiprazole at the receptor level in singultus. Journal of Integrative Neuroscience, 2021, 20, 247.	1.7	3
7	Prevalence and Determinants of Immediate and Long-Term PTSD Consequences of Coronavirus-Related (CoV-1 and CoV-2) Pandemics among Healthcare Professionals: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 2182.	2.6	35
8	Bang the gavel: animal experimentation on trialâ€”an interdisciplinary mock trial at the school of health sciences. American Journal of Physiology - Advances in Physiology Education, 2021, 45, 44-47.	1.6	1
9	Cross-Cultural Adaptation, Reliability, and Validity of a Brazilian of Short Version of the Posttraumatic Diagnostic Scale. Frontiers in Psychology, 2021, 12, 614554.	2.1	1
10	Health and Well-Being of Athletes During the Coronavirus Pandemic: A Scoping Review. Frontiers in Public Health, 2021, 9, 641392.	2.7	26
11	Physiciansâ€™ Attitudes Toward Telemedicine Consultations During the COVID-19 Pandemic: Cross-sectional Study. JMIR Medical Informatics, 2021, 9, e29251.	2.6	36
12	Global, regional, and national burden of stroke and its risk factors, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Neurology, The, 2021, 20, 795-820.	10.2	2,308
13	Heart Rate Variability Indices as Possible Biomarkers for the Severity of Post-traumatic Stress Disorder Following Pregnancy Loss. Frontiers in Psychiatry, 2021, 12, 700920.	2.6	4
14	Impact of COVID-19 Pandemic Burnout on Cardiovascular Risk in Healthcare Professionals Study Protocol: A Multicenter Exploratory Longitudinal Study. Frontiers in Medicine, 2020, 7, 571057.	2.6	7
15	Cardiovascular and Quality of Life Outcomes of a 3-Month Physical Exercise Program in Two Brazilian Communities. Frontiers in Medicine, 2020, 7, 568796.	2.6	6
16	Melatonin Therapy Improves Cardiac Autonomic Modulation in Pinealectomized Patients. Frontiers in Endocrinology, 2020, 11, 239.	3.5	10
17	Therapeutic Renin Inhibition in Diabetic Nephropathyâ€”A Review of the Physiological Evidence. Frontiers in Physiology, 2020, 11, 190.	2.8	4
18	Obesity and metabolic syndrome in children in Brazil. Medicine (United States), 2019, 98, e15666.	1.0	9

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19	Cardioprotective Melatonin: Translating from Proof-of-Concept Studies to Therapeutic Use. International Journal of Molecular Sciences, 2019, 20, 4342.	4.1	34
20	Identification of insulin-regulated aminopeptidase (IRAP) in the rat pineal gland and the modulation of melatonin synthesis by angiotensin IV. Brain Research, 2019, 1704, 40-46.	2.2	10
21	Physical Activity Levels in a Structured Physical Exercise Community Program in Elderly. Medicine and Science in Sports and Exercise, 2019, 51, 212-212.	0.4	0
22	Intrapartum Fetal Heart Rate: A Possible Predictor of Neonatal Acidemia and APGAR Score. Frontiers in Physiology, 2018, 9, 1489.	2.8	6
23	Melatonin, mitochondria and hypertension. Cellular and Molecular Life Sciences, 2017, 74, 3955-3964.	5.4	51
24	Angiotensinâ€"Encyclopedia of Stress. , 2017, , 237-241.		0
25	Quantifying Effects of Pharmacological Blockers of Cardiac Autonomous Control Using Variability Parameters. Frontiers in Physiology, 2017, 8, 10.	2.8	11
26	Association between Carotid Intima Media Thickness and Heart Rate Variability in Adults at Increased Cardiovascular Risk. Frontiers in Physiology, 2017, 8, 248.	2.8	24
27	Morlet wavelet transforms of heart rate variability for autonomic nervous system activity. Applied and Computational Harmonic Analysis, 2016, 40, 200-206.	2.2	14
28	PP.LB01.19. Journal of Hypertension, 2015, 33, e258.	0.5	3
29	Heart Rate Detrended Fluctuation Indexes as Estimate of Obstructive Sleep Apnea Severity. Medicine (United States), 2015, 94, e516.	1.0	20
30	Successful Pregnancy Following Assisted Reproduction in Woman With Systemic Lupus Erythematosus and Hypertension. Medicine (United States), 2015, 94, e1531.	1.0	1
31	Development of a monitoring system for evaluation of the mental health program in the city of Santarém, State of Pará, Brazil. , 2015, , .		0
32	Cardiac autonomic dysfunction in elderly women with myocardial infarction. Current Medical Research and Opinion, 2015, 31, 1849-1854.	1.9	14
33	Sexâ€dependent differences in renal angiotensinogen as an early marker of diabetic nephropathy. Acta Physiologica, 2015, 213, 740-746.	3.8	25
34	ICU Blood Pressure Variability May Predict Nadir of Respiratory Depression After Coronary Artery Bypass Surgery. Frontiers in Neuroscience, 2015, 9, 506.	2.8	3
35	Avosentan is protective in hypertensive nephropathy at doses not causing fluid retention. Pharmacological Research, 2014, 80, 9-13.	7.1	8
36	Brain RAS: Hypertension and Beyond. International Journal of Hypertension, 2013, 2013, 1-3.	1.3	8

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37	The Angiotensin-Melatonin Axis. International Journal of Hypertension, 2013, 2013, 1-7.	1.3	58
38	Abstract 605: ICU Blood Pressure Variability Correlates With The Nadir Of Respiratory Depression After Cardiac Surgery. Hypertension, 2013, 62, .	2.7	0
39	Effect of SPP 635, a renin inhibitor, on intraocular pressure in glaucomatous monkey eyes. Experimental Eye Research, 2012, 94, 146-149.	2.6	6
40	Models of Hypertension and Blood Pressure Recording. Methods in Pharmacology and Toxicology, 2012, , 91-99.	0.2	0
41	Antidiuretic Effects of the Endothelin Receptor Antagonist Avosentan. Frontiers in Physiology, 2012, 3, 103.	2.8	12
42	Cardiovascular responses evoked by activation or blockade of GABAA receptors in the hypothalamic PVN are attenuated in transgenic rats with low brain angiotensinogen. Brain Research, 2012, 1448, 101-110.	2.2	37
43	Differential diagnosis between experimental endophthalmitis and uveitis in vitreous with Raman spectroscopy and principal components analysis. Journal of Photochemistry and Photobiology B: Biology, 2012, 107, 73-78.	3.8	9
44	Effect of SPP 301, an Endothelin Antagonist, on Intraocular Pressure in Glaucomatous Monkey Eyes. Current Eye Research, 2011, 36, 41-46.	1.5	11
45	Local reninâ€“angiotensin system and the brainâ€”A continuous quest for knowledge. Peptides, 2011, 32, 1083-1086.	2.4	41
46	Brain Reninâ€“Angiotensin System in Hypertension, Cardiac Hypertrophy, and Heart Failure. Frontiers in Physiology, 2011, 2, 115.	2.8	28
47	Nigral and striatal regulation of angiotensin receptor expression by dopamine and angiotensin in rodents: implications for progression of Parkinsonâ€™s disease. European Journal of Neuroscience, 2010, 32, 1695-1706.	2.6	70
48	Antidiuretic Effects of Endothelin A Receptor Antagonism. FASEB Journal, 2009, 23, 605.7.	0.5	1
49	Increased susceptibility to endotoxic shock in transgenic rats with endothelial overexpression of kinin B1 receptors. Journal of Molecular Medicine, 2008, 86, 791-798.	3.9	36
50	Baroreflex control of heart rate and renal sympathetic nerve activity in rats with low brain angiotensinogen. Neuropeptides, 2008, 42, 159-168.	2.2	11
51	Transgenic Angiotensin-Converting Enzyme 2 Overexpression in Vessels of SHRSP Rats Reduces Blood Pressure and Improves Endothelial Function. Hypertension, 2008, 52, 967-973.	2.7	166
52	Antidiuretic effects of endothelin B receptor antagonism. FASEB Journal, 2008, 22, 182-182.	0.5	0
53	Mice deficient for both kinin receptors are normotensive and protected from endotoxinâ€induced hypotension. FASEB Journal, 2007, 21, 1689-1698.	0.5	96
54	Angiotensin. , 2007, , 182-186.		0

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55	Role of the renal nerves in blood pressure in male and female SHR. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R341-R344.	1.8	34
56	Altered circadian rhythm reentrainment to light phase shifts in rats with low levels of brain angiotensinogen. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R1122-R1127.	1.8	19
57	Enhanced isoproterenol-induced cardiac hypertrophy in transgenic rats with low brain angiotensinogen. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H2371-H2376.	3.2	7
58	DIMINISHED SYMPATHETIC ACTIVITY IN TRANSGENIC RATS WITH LOW BRAIN ANGIOTENSINOGEN. FASEB Journal, 2006, 20, .	0.5	0
59	Altered renal response to acute volume expansion in transgenic rats harboring the human tissue kallikrein gene. Regulatory Peptides, 2005, 124, 127-135.	1.9	1
60	Genetic targeting of the brain renin-angiotensin system in transgenic rats: Impact on stress-induced renin release. Acta Physiologica Scandinavica, 2004, 181, 579-584.	2.2	29
61	Expression of an angiotensin-(1â€“7)-producing fusion protein produces cardioprotective effects in rats. Physiological Genomics, 2004, 17, 292-299.	2.3	169
62	Differential regulation of central vasopressin receptors in transgenic rats with low brain angiotensinogen. Regulatory Peptides, 2004, 119, 177-182.	1.9	19
63	CIRCADIAN REGULATION OF ANGIOTENSINOGEN IN KIDNEY - EFFECT OF ANGIOTENSIN II. Journal of Hypertension, 2004, 22, S70.	0.5	0
64	Androgen receptor independent cardiovascular action of the antiandrogen flutamide. Journal of Molecular Medicine, 2003, 81, 420-427.	3.9	17
65	Abolition of End-Organ Damage by Antiandrogen Treatment in Female Hypertensive Transgenic Rats. Hypertension, 2003, 41, 830-833.	2.7	50
66	Expression of smooth muscle MyHC B in blood vessels of hypertrophied heart in experimentally hypertensive rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R607-R610.	1.8	7
67	Brain Renin-Angiotensin System. Neuroendocrinology, 2003, 78, 253-259.	2.5	27
68	Abolition of Hypertension-Induced End-Organ Damage by Androgen Receptor Blockade in Transgenic Rats Harboring the Mouse Ren-2 Gene. Journal of the American Society of Nephrology: JASN, 2002, 13, 2681-2687.	6.1	52
69	Differential effects of angiotensin II and angiotensin-(1-7) at the nucleus tractus solitarii of transgenic rats with low brain angiotensinogen. Journal of Hypertension, 2002, 20, 919-925.	0.5	25
70	Locally synthesized angiotensin modulates pineal melatonin generation. Journal of Neurochemistry, 2002, 80, 328-334.	3.9	49
71	Alterations of the renin-angiotensin system at the RVLM of transgenic rats with low brain angiotensinogen. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R428-R433.	1.8	27
72	Tissue renin-angiotensin systems: new insights from experimental animal models in hypertension research. Journal of Molecular Medicine, 2001, 79, 76-102.	3.9	230

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73	Alterations in Blood Pressure and Heart Rate Variability in Transgenic Rats With Low Brain Angiotensinogen. Hypertension, 2001, 37, 408-413.	2.7	81
74	Angiotensin peptides acting at rostral ventrolateral medulla contribute to hypertension of TGR(mREN2)27 rats. Physiological Genomics, 2000, 2, 137-142.	2.3	60
75	The Brain Renin-Angiotensin System Modulates Angiotensin IIâ€“Induced Hypertension and Cardiac Hypertrophy. Hypertension, 2000, 35, 409-412.	2.7	90
76	Reduced cardiac hypertrophy and altered blood pressure control in transgenic rats with the human tissue kallikrein gene. FASEB Journal, 2000, 14, 1858-1860.	0.5	112
77	Differential Effects of Angiotensin II and Angiotensin-(1-7) at the Nucleus Tractus Solitarii of Transgenic Rats with Low Brain Angiotensinogen. Hypertension, 2000, 36, 700-700.	2.7	0
78	Alterations of Central Vasopressinergic System in Transgenic Rats with Low Brain Angiotensinogen. Hypertension, 2000, 36, 727-727.	2.7	0
79	Blood pressure reduction and diabetes insipidus in transgenic rats deficient in brain angiotensinogen. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3975-3980.	7.1	164
80	Local reninâ€“angiotensin system in the pineal gland. Molecular Brain Research, 1998, 54, 237-242.	2.3	38
81	Functional evidence for alternative ANG II-forming pathways in hamster cardiovascular system. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H1307-H1312.	3.2	11
82	High levels of human chymase expression in the pineal and pituitary glands. Brain Research, 1997, 752, 269-278.	2.2	43
83	Multiple effects of tyrosine kinase inhibitors on vascular smooth muscle contraction. European Journal of Pharmacology, 1995, 281, 29-35.	3.5	44
84	Effects of liposome-entrapped platelet-activating factor in the isolated rat trachea. European Journal of Pharmacology, 1995, 281, 89-92.	3.5	9
85	Effects of Î±-trinositol administered extra- and intracellularly (using liposomes) on rat aorta rings. European Journal of Pharmacology, 1995, 281, 209-212.	3.5	7