

# Radu D Rudic

## List of Publications by Year in descending order

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37  
papers

5,785  
citations

172386

29  
h-index

330025

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g-index

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all docs

37  
docs citations

37  
times ranked

6862  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Functional Genomics Strategy Reveals Rora as a Component of the Mammalian Circadian Clock. <i>Neuron</i> , 2004, 43, 527-537.	3.8	909
2	BMAL1 and CLOCK, Two Essential Components of the Circadian Clock, Are Involved in Glucose Homeostasis. <i>PLoS Biology</i> , 2004, 2, e377.	2.6	860
3	Direct evidence for the importance of endothelium-derived nitric oxide in vascular remodeling. <i>Journal of Clinical Investigation</i> , 1998, 101, 731-736.	3.9	727
4	In vivo delivery of the caveolin-1 scaffolding domain inhibits nitric oxide synthesis and reduces inflammation. <i>Nature Medicine</i> , 2000, 6, 1362-1367.	15.2	519
5	Regulation of CLOCK and MOP4 by Nuclear Hormone Receptors in the Vasculature. <i>Cell</i> , 2001, 105, 877-889.	13.5	419
6	Vascular Disease in Mice With a Dysfunctional Circadian Clock. <i>Circulation</i> , 2009, 119, 1510-1517.	1.6	237
7	Acute modulation of endothelial Akt/PKB activity alters nitric oxide-dependent vasomotor activity in vivo. <i>Journal of Clinical Investigation</i> , 2000, 106, 493-499.	3.9	186
8	Histone Acetyltransferase-dependent Chromatin Remodeling and the Vascular Clock. <i>Journal of Biological Chemistry</i> , 2004, 279, 7091-7097.	1.6	182
9	Molecular control of nitric oxide synthases in the cardiovascular system. <i>Cardiovascular Research</i> , 1999, 43, 509-520.	1.8	164
10	Bioinformatic Analysis of Circadian Gene Oscillation in Mouse Aorta. <i>Circulation</i> , 2005, 112, 2716-2724.	1.6	141
11	Functional Reconstitution of Endothelial Nitric Oxide Synthase Reveals the Importance of Serine 1179 in Endothelium-Dependent Vasomotion. <i>Circulation Research</i> , 2002, 90, 904-910.	2.0	110
12	COX-2-Derived Prostacyclin Modulates Vascular Remodeling. <i>Circulation Research</i> , 2005, 96, 1240-1247.	2.0	109
13	Increased Superoxide and Endothelial NO Synthase Uncoupling in Blood Vessels of Bmal1-Knockout Mice. <i>Circulation Research</i> , 2012, 111, 1157-1165.	2.0	103
14	Soluble Epoxide Inhibition Is Protective Against Cerebral Ischemia via Vascular and Neural Protection. <i>American Journal of Pathology</i> , 2009, 174, 2086-2095.	1.9	102
15	Nitric Oxide in Endothelial Dysfunction and Vascular Remodeling: Clinical Correlates and Experimental Links. <i>American Journal of Human Genetics</i> , 1999, 64, 673-677.	2.6	101
16	Paradoxical Activation of Endothelial Nitric Oxide Synthase by NADPH Oxidase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1627-1633.	1.1	93
17	Opposing Actions of Heat Shock Protein 90 and 70 Regulate Nicotinamide Adenine Dinucleotide Phosphate Oxidase Stability and Reactive Oxygen Species Production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2989-2999.	1.1	76
18	Tissue-intrinsic dysfunction of circadian clock confers transplant arteriosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17147-17152.	3.3	70

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19	Expression and functional significance of NADPH oxidase 5 (Nox5) and its splice variants in human blood vessels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H1919-H1928.	1.5	68
20	Pressed for time: the circadian clock and hypertension. <i>Journal of Applied Physiology</i> , 2009, 107, 1328-1338.	1.2	60
21	Matrix Metalloproteinase 2 and 9 Dysfunction Underlie Vascular Stiffness in Circadian Clock Mutant Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2535-2543.	1.1	60
22	Peripheral Circadian Clock Rhythmicity Is Retained in the Absence of Adrenergic Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 121-126.	1.1	57
23	SUMO1 Negatively Regulates Reactive Oxygen Species Production From NADPH Oxidases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1634-1642.	1.1	56
24	Time Is of the Essence. <i>Circulation</i> , 2009, 120, 1714-1721.	1.6	39
25	Soluble epoxide hydrolase inhibition modulates vascular remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H795-H806.	1.5	39
26	Circadian Clock Control of Nox4 and Reactive Oxygen Species in the Vasculature. <i>PLoS ONE</i> , 2013, 8, e78626.	1.1	34
27	Endothelium Derived Nitric Oxide Synthase Negatively Regulates the PDGF-Survivin Pathway during Flow-Dependent Vascular Remodeling. <i>PLoS ONE</i> , 2012, 7, e31495.	1.1	33
28	Obesity Alters the Peripheral Circadian Clock in the Aorta and Microcirculation. <i>Microcirculation</i> , 2015, 22, 257-266.	1.0	33
29	Role of local production of endothelium-derived nitric oxide on cGMP signaling and S-nitrosylation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H112-H118.	1.5	32
30	Low-Salt Diet and Circadian Dysfunction Synergize to Induce Angiotensin II-Dependent Hypertension in Mice. <i>Hypertension</i> , 2016, 67, 661-668.	1.3	31
31	Nitric Oxide-Releasing Aspirin Decreases Vascular Injury by Reducing Inflammation and Promoting Apoptosis. <i>Laboratory Investigation</i> , 2002, 82, 825-832.	1.7	30
32	IL-19 Reduces Ligation-Mediated Neointimal Hyperplasia by Reducing Vascular Smooth Muscle Cell Activation. <i>American Journal of Pathology</i> , 2014, 184, 2134-2143.	1.9	29
33	HUMAN T CELLS INFILTRATE AND INJURE PIG CORONARY ARTERY GRAFTS WITH ACTIVATED BUT NOT QUIESCENT ENDOTHELIUM IN IMMUNODEFICIENT MOUSE HOSTS1. <i>Transplantation</i> , 2001, 71, 1622-1630.	0.5	20
34	Restoration of endothelin-1-induced impairment in endothelium-dependent relaxation by interleukin-10 in murine aortic rings This article is one of a selection of papers published in the special issue (part 2) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 557-565.	0.7	20
35	Peripheral Clocks and the Regulation of Cardiovascular and Metabolic Function. <i>Methods in Enzymology</i> , 2005, 393, 524-539.	0.4	19
36	Hepatic overexpression of the prodomain of furin lessens progression of atherosclerosis and reduces vascular remodeling in response to injury. <i>Atherosclerosis</i> , 2014, 236, 121-130.	0.4	15

#	ARTICLE	IF	CITATIONS
37	GDP in Dialysis Associates With Peritoneal Vascular Remodeling in Kidney Disease. Circulation Research, 2021, 129, 527-529.	2.0	2