

# Olaf Grisk

## List of Publications by Year in descending order

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51  
papers

1,297  
citations

394421

19  
h-index

361022

35  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term hypothermia reduces infarct volume in aged rats after focal ischemia. <i>Neuroscience Letters</i> , 2008, 438, 180-185.	2.1	106
2	Angiotensin II Induces Catecholamine Release by Direct Ganglionic Excitation. <i>Hypertension</i> , 2002, 40, 348-354.	2.7	91
3	Interactions between the sympathetic nervous system and the kidneys in arterial hypertension. <i>Cardiovascular Research</i> , 2004, 61, 238-246.	3.8	91
4	Dose-dependent titration of prorenin and blood pressure in Cyp1a1ren-2 transgenic rats: absence of prorenin-induced glomerulosclerosis. <i>Journal of Hypertension</i> , 2008, 26, 102-109.	0.5	85
5	Apocynin-induced vasodilation involves Rho kinase inhibition but not NADPH oxidase inhibition. <i>Cardiovascular Research</i> , 2008, 80, 271-279.	3.8	81
6	Comparison between cold plasma, electrochemotherapy and combined therapy in a melanoma mouse model. <i>Experimental Dermatology</i> , 2013, 22, 582-586.	2.9	60
7	COLON ASCENDENS STENT PERITONITIS-A MODEL OF SEPSIS ADOPTED TO THE RAT. <i>Shock</i> , 2007, 28, 59-64.	2.1	58
8	The Kidney as a Determinant of Genetic Hypertension. <i>Hypertension</i> , 2005, 46, 463-468.	2.7	57
9	DISPOSITION OF ORAL AND INTRAVENOUS PRAVASTATIN IN MRP2-DEFICIENT TRÂ€“ RATS. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1593-1596.	3.3	54
10	Long-term arterial pressure in spontaneously hypertensive rats is set by the kidney. <i>Journal of Hypertension</i> , 2002, 20, 131-138.	0.5	53
11	Leptin Potentiates Endothelium-Dependent Relaxation by Inducing Endothelial Expression of Neuronal NO Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1605-1612.	2.4	49
12	Sympathetic-renal interaction in chronic arterial pressure control. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R441-R450.	1.8	35
13	SYMPATHETIC REINNERVATION OF RAT KIDNEY GRAFTS <sup>1</sup> . <i>Transplantation</i> , 2001, 72, 1153-1155.	1.0	32
14	Impact of renal transplantation on small vessel reactivity <sup>1</sup> . <i>Transplantation</i> , 2003, 75, 689-697.	1.0	30
15	The Rho kinase inhibitor SAR407899 potently inhibits endothelin-1-induced constriction of renal resistance arteries. <i>Journal of Hypertension</i> , 2012, 30, 980-989.	0.5	29
16	Dietary sodium modulates the interaction between efferent renal sympathetic nerve activity and afferent renal nerve activity: role of endothelin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R337-R351.	1.8	28
17	Comparative Analysis of Podocyte Foot Process Morphology in Three Species by 3D Super-Resolution Microscopy. <i>Frontiers in Medicine</i> , 2018, 5, 292.	2.6	26
18	Intrarenal artery superoxide is mainly NADPH oxidase-derived and modulates endothelium-dependent dilation in elderly patients. <i>Cardiovascular Research</i> , 2010, 85, 814-824.	3.8	24

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19	Multidrug resistance-related protein 2 genotype of the donor affects kidney graft function. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 276-288.	1.5	20
20	Analysis of arterial pressure regulating systems in renal post-transplantation hypertension. <i>Journal of Hypertension</i> , 2004, 22, 199-207.	0.5	19
21	Impaired coronary function in Wistar Ottawa Karlsburg W rats—a new model of the metabolic syndrome. <i>Pflügers Archiv European Journal of Physiology</i> , 2007, 454, 1011-1021.	2.8	18
22	OPN deficiency results in severe glomerulosclerosis in uninephrectomized mice. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1458-F1470.	2.7	18
23	Rho kinase inhibition mitigates sunitinib-induced rise in arterial pressure and renal vascular resistance but not increased renal sodium reabsorption. <i>Journal of Hypertension</i> , 2014, 32, 2199-2210.	0.5	17
24	The sympathetic nervous system in acute kidney injury. <i>Acta Physiologica</i> , 2020, 228, e13404.	3.8	17
25	Sympathetic activity in early renal posttransplantation hypertension in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R1737-R1744.	1.8	16
26	Apelin and vascular dysfunction in type 2 diabetes. <i>Cardiovascular Research</i> , 2007, 74, 339-340.	3.8	16
27	Sodium homeostasis in transplanted rats with a spontaneously hypertensive rat kidney. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R1099-R1104.	1.8	14
28	Renal Transplantation Studies in Genetic Hypertension. <i>Physiology</i> , 2001, 16, 262-265.	3.1	14
29	Frequency modulation of mesenteric and renal vascular resistance. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R1468-R1476.	1.8	14
30	Neonatal sympathectomy reduces NADPH oxidase activity and vascular resistance in spontaneously hypertensive rat kidneys. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R391-R399.	1.8	14
31	Effects of acute hypoxia and hyperoxia on ventilation in spontaneously hypertensive and normotensive rat. <i>Journal of the Autonomic Nervous System</i> , 1996, 57, 177-180.	1.9	12
32	Sympatho-renal interactions in the determination of arterial pressure: role in hypertension. <i>Experimental Physiology</i> , 2005, 90, 183-187.	2.0	11
33	Influence of neonatal sympathectomy on proximal renal resistance artery function in spontaneously hypertensive rats. <i>Pflügers Archiv European Journal of Physiology</i> , 2005, 449, 364-371.	2.8	10
34	Potential Benefits of Rho-kinase Inhibition in Arterial Hypertension. <i>Current Hypertension Reports</i> , 2013, 15, 506-513.	3.5	10
35	Amiloride lowers arterial pressure in cyp1a1ren-2 transgenic rats without affecting renal vascular function. <i>Journal of Hypertension</i> , 2010, 28, 2267-2277.	0.5	9
36	Iloprost, Prostaglandin E1, and Papaverine Relax Human Mesenteric Arteries With Similar Potency. <i>Shock</i> , 2017, 48, 333-339.	2.1	9

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37	Cardiopulmonary Baroreflex in NaCl-Induced Hypertension in Borderline Hypertensive Rats. <i>Hypertension</i> , 1997, 29, 464-470.	2.7	8
38	The development of post-transplantation hypertension in recipients of an SHR kidney is independent of reinnervation of the graft. <i>Pflugers Archiv European Journal of Physiology</i> , 1999, 438, 502-507.	2.8	8
39	Endothelin-1-induced activation of rat renal pelvic contractions depends on cyclooxygenase-1 and Rho kinase. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1602-R1609.	1.8	8
40	Sympathetic denervation facilitates L-type Ca <sup>2+</sup> channel activation in renal but not in mesenteric resistance arteries. <i>Journal of Hypertension</i> , 2016, 34, 692-703.	0.5	7
41	Renal denervation and hypertension - The need to investigate unintended effects and neural control of the human kidney. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 204, 119-125.	2.8	7
42	Antihypertensive effects of ACE2 in the paraventricular nucleus: a consequence of reduced neuroinflammation?. <i>Cardiovascular Research</i> , 2011, 92, 365-366.	3.8	3
43	Renal Soluble Guanylate Cyclase Is Downregulated in Sunitinib-Induced Hypertension. <i>Journal of the American Heart Association</i> , 2018, 7, e009557.	3.7	3
44	Kidney-specific deletion of multidrug resistance-related protein 2 does not aggravate acute cyclosporine A nephrotoxicity in rats. <i>Pharmacogenetics and Genomics</i> , 2012, 22, 408-420.	1.5	2
45	Effects of renal denervation on renal pelvic contractions and connexin expression in rats. <i>Acta Physiologica</i> , 2016, 216, 240-253.	3.8	2
46	Posttranslational regulation of the cation-chloride symporter Na <sup>+</sup> K <sup>+</sup> 2Cl <sup>-</sup> cotransporter-2 in spontaneously hypertensive rat kidneys. <i>Journal of Hypertension</i> , 2014, 32, 1778-1779.	0.5	1
47	Role of endothelin-1 for the regulation of renal pelvic function. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1467-1478.	2.8	0
48	Caudal medullary and cervical spinal cord neurons in cardiovascular regulation. <i>Journal of Hypertension</i> , 2017, 35, 1950-1951.	0.5	0
49	Superoxide formation in human intrarenal arteries is mainly due to NADPH oxidase activity and contributes to endothelium-dependent vasodilation. <i>FASEB Journal</i> , 2009, 23, 803.1.	0.5	0
50	Rho kinase (ROCK) inhibition counteracts tyrosine kinase inhibitor-induced rise in arterial pressure and renal vascular resistance. <i>FASEB Journal</i> , 2013, 27, 1110.1.	0.5	0
51	Renal Nitric Oxide-Dependent Mechanisms in Early Sunitinib-Induced Hypertension. <i>FASEB Journal</i> , 2018, 32, 716.8.	0.5	0