

# Markus Wehland

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129  
papers

3,880  
citations

38  
h-index

55  
g-index

132  
ext. papers

4,600  
ext. citations

4.6  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
129	Current Knowledge about the New Drug Firibastat in Arterial Hypertension.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
128	Three-Dimensional Growth of Prostate Cancer Cells Exposed to Simulated Microgravity.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 841017	5.7	4
127	The Fight against Cancer by Microgravity: The Multicellular Spheroid as a Metastasis Model.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	5
126	Changes in Exosomal miRNA Composition in Thyroid Cancer Cells after Prolonged Exposure to Real Microgravity in Space. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
125	Role of Apoptosis in Wound Healing and Apoptosis Alterations in Microgravity. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 679650	5.8	11
124	Alterations of Growth and Focal Adhesion Molecules in Human Breast Cancer Cells Exposed to the Random Positioning Machine. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 672098	5.7	5
123	SARS-CoV-2 and hypertension. <i>Physiological Reports</i> , <b>2021</b> , 9, e14800	2.6	4
122	The Effect of Continuous Positive Airway Pressure Therapy on Obstructive Sleep Apnea-Related Hypertension. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
121	Changes in Exosome Release in Thyroid Cancer Cells after Prolonged Exposure to Real Microgravity in Space. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
120	The CellBox-2 Mission to the International Space Station: Thyroid Cancer Cells in Space. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
119	The Cardiovascular System in Space: Focus on In Vivo and In Vitro Studies.. <i>Biomedicines</i> , <b>2021</b> , 10,	4.8	7
118	Tissue Engineering of Cartilage Using a Random Positioning Machine. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
117	Insight in Adhesion Protein Sialylation and Microgravity Dependent Cell Adhesion-An Omics Network Approach. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
116	An evaluation of the fixed-dose combination sacubitril/valsartan for the treatment of arterial hypertension. <i>Expert Opinion on Pharmacotherapy</i> , <b>2020</b> , 21, 1133-1143	4	6
115	Endothelin Receptor Antagonists: Status Quo and Future Perspectives for Targeted Therapy. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	31
114	Dexamethasone Inhibits Spheroid Formation of Thyroid Cancer Cells Exposed to Simulated Microgravity. <i>Cells</i> , <b>2020</b> , 9,	7.9	8
113	Simulated Microgravity Influences VEGF, MAPK, and PAM Signaling in Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	16

112	The Vasoactive Mas Receptor in Essential Hypertension. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	30
111	The effects of microgravity on differentiation and cell growth in stem cells and cancer stem cells. <i>Stem Cells Translational Medicine</i> , <b>2020</b> , 9, 882-894	6.9	21
110	Alteration of Cytoskeleton Morphology and Gene Expression in Human Breast Cancer Cells under Simulated Microgravity. <i>Cell Journal</i> , <b>2020</b> , 22, 106-114	2.4	9
109	Breast Cancer Cells in Microgravity: New Aspects for Cancer Research. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
108	Science between Bioreactors and Space Research-Response to Comments by Joseph J. Bevelacqua et al. on "Dexamethasone Inhibits Spheroid Formation of Thyroid Cancer Cells Exposed to Simulated Microgravity". <i>Cells</i> , <b>2020</b> , 9,	7.9	
107	The role of SOX family members in solid tumours and metastasis. <i>Seminars in Cancer Biology</i> , <b>2020</b> , 67, 122-153	12.7	117
106	Drug-Induced Hypertension Caused by Multikinase Inhibitors (Sorafenib, Sunitinib, Lenvatinib and Axitinib) in Renal Cell Carcinoma Treatment. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	20
105	A focus on riociguat in the treatment of pulmonary arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2019</b> , 125, 202-214	3.1	8
104	Fighting Thyroid Cancer with Microgravity Research. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	21
103	Nebivolol in the treatment of arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2019</b> , 125, 189-201	3.1	14
102	Changes in Human Foetal Osteoblasts Exposed to the Random Positioning Machine and Bone Construct Tissue Engineering. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	20
101	Growing blood vessels in space: Preparation studies of the SPHEROIDS project using related ground-based studies. <i>Acta Astronautica</i> , <b>2019</b> , 159, 267-272	2.9	6
100	Morphological and Molecular Changes in Juvenile Normal Human Fibroblasts Exposed to Simulated Microgravity. <i>Scientific Reports</i> , <b>2019</b> , 9, 11882	4.9	19
99	The Effects of Oral L-Arginine and L-Citrulline Supplementation on Blood Pressure. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	34
98	Real Microgravity Influences the Cytoskeleton and Focal Adhesions in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	37
97	Bioactive Candy: Effects of Licorice on the Cardiovascular System. <i>Foods</i> , <b>2019</b> , 8,	4.9	25
96	Tyrosine Kinase Inhibitor-Induced Hypertension: Role of Hypertension as a Biomarker in Cancer Treatment. <i>Current Vascular Pharmacology</i> , <b>2019</b> , 17, 618-634	3.3	11
95	Growth of Endothelial Cells in Space and in Simulated Microgravity - a Comparison on the Secretory Level. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 52, 1039-1060	3.9	23

94	Beneficial Effects of Low Frequency Vibration on Human Chondrocytes in Vitro. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 53, 623-637	3.9	1
93	Potential Beneficial Effects of Vitamin D in Coronary Artery Disease. <i>Nutrients</i> , <b>2019</b> , 12,	6.7	18
92	Multikinase Inhibitor Treatment in Thyroid Cancer. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	26
91	Short-Term Microgravity Influences Cell Adhesion in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
90	The prostacyclin analogue treprostinil in the treatment of pulmonary arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2019</b> , 126, 32	3.1	16
89	The role of NFB in spheroid formation of human breast cancer cells cultured on the Random Positioning Machine. <i>Scientific Reports</i> , <b>2018</b> , 8, 921	4.9	37
88	A Focus on Macitentan in the Treatment of Pulmonary Arterial Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2018</b> , 123, 103-113	3.1	15
87	Tissue Engineering Under Microgravity Conditions-Use of Stem Cells and Specialized Cells. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 787-804	4.4	41
86	The Combination of Valsartan and Sacubitril in the Treatment of Hypertension and Heart Failure - an Update. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2018</b> , 122, 9-18	3.1	13
85	Pathway Analysis Hints Towards Beneficial Effects of Long-Term Vibration on Human Chondrocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 47, 1729-1741	3.9	4
84	Thyroid cancer cells in space during the TEXUS-53 sounding rocket mission - The THYROID Project. <i>Scientific Reports</i> , <b>2018</b> , 8, 10355	4.9	16
83	The Impact of Vitamin D in the Treatment of Essential Hypertension. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	48
82	Semantic Analysis of Posttranslational Modification of Proteins Accumulated in Thyroid Cancer Cells Exposed to Simulated Microgravity. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	18
81	Vascular Endothelial Growth Factor Enhances Proliferation of Human Tenocytes and Promotes Tenogenic Gene Expression. <i>Plastic and Reconstructive Surgery</i> , <b>2018</b> , 142, 1240-1247	2.7	7
80	Microgravity Affects Thyroid Cancer Cells during the TEXUS-53 Mission Stronger than Hypergravity. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	16
79	Pazopanib, Cabozantinib, and Vandetanib in the Treatment of Progressive Medullary Thyroid Cancer with a Special Focus on the Adverse Effects on Hypertension. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	21
78	Decreased E-Cadherin in MCF7 Human Breast Cancer Cells Forming Multicellular Spheroids Exposed to Simulated Microgravity. <i>Proteomics</i> , <b>2018</b> , 18, e1800015	4.8	34
77	Azilsartan Medoxomil, an Angiotensin II Receptor Antagonist for the Treatment of Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2017</b> , 121, 225-233	3.1	8

76	Hypertension Caused by Lenvatinib and Everolimus in the Treatment of Metastatic Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	15
75	A Special Focus on Selexipag - Treatment of Pulmonary Arterial Hypertension. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 5191-5199	3.3	3
74	Cytokine Release and Focal Adhesion Proteins in Normal Thyroid Cells Cultured on the Random Positioning Machine. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 43, 257-270	3.9	15
73	Proteome Analysis of Human Follicular Thyroid Cancer Cells Exposed to the Random Positioning Machine. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	24
72	Preparation of A Spaceflight: Apoptosis Search in Sutured Wound Healing Models. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	5
71	Effects and Side Effects of Using Sorafenib and Sunitinib in the Treatment of Metastatic Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	43
70	The Adverse Effect of Hypertension in the Treatment of Thyroid Cancer with Multi-Kinase Inhibitors. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	39
69	Tissue Engineering in Microgravity. <i>SpringerBriefs in Space Life Sciences</i> , <b>2017</b> , 73-85	0.4	2
68	The Impact of Hypergravity and Vibration on Gene and Protein Expression of Thyroid Cells. <i>Microgravity Science and Technology</i> , <b>2016</b> , 28, 261-274	1.6	4
67	Searching the literature for proteins facilitates the identification of biological processes, if advanced methods of analysis are linked: a case study on microgravity-caused changes in cells. <i>Expert Review of Proteomics</i> , <b>2016</b> , 13, 697-705	4.2	6
66	Annotated Gene and Proteome Data Support Recognition of Interconnections Between the Results of Different Experiments in Space Research. <i>Microgravity Science and Technology</i> , <b>2016</b> , 28, 357-365	1.6	13
65	Thyroid Cells Exposed to Simulated Microgravity Conditions [Comparison of the Fast Rotating Clinostat and the Random Positioning Machine. <i>Microgravity Science and Technology</i> , <b>2016</b> , 28, 247-260	1.6	17
64	Tissue Engineering of Cartilage on Ground-Based Facilities. <i>Microgravity Science and Technology</i> , <b>2016</b> , 28, 237-245	1.6	9
63	Effects and Role of Multikinase Inhibitors in Thyroid Cancer. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 5915-5926	3.3	30
62	Latest Results for Anti-Angiogenic Drugs in Cancer Treatment. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 5927-5942	3.3	16
61	Pathways Regulating Spheroid Formation of Human Follicular Thyroid Cancer Cells under Simulated Microgravity Conditions: A Genetic Approach. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17, 528	6.3	28
60	Alterations of the cytoskeleton in human cells in space proved by life-cell imaging. <i>Scientific Reports</i> , <b>2016</b> , 6, 20043	4.9	65
59	Identifications of novel mechanisms in breast cancer cells involving duct-like multicellular spheroid formation after exposure to the Random Positioning Machine. <i>Scientific Reports</i> , <b>2016</b> , 6, 26887	4.9	54

58	The impact of microgravity on bone in humans. <i>Bone</i> , <b>2016</b> , 87, 44-56	4.7	115
57	Scaffold-free Tissue Formation Under Real and Simulated Microgravity Conditions. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2016</b> , 119 Suppl 3, 26-33	3.1	30
56	LCZ696 (Valsartan/Sacubitril)--A Possible New Treatment for Hypertension and Heart Failure. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2016</b> , 118, 14-22	3.1	22
55	Differential gene expression of human chondrocytes cultured under short-term altered gravity conditions during parabolic flight maneuvers. <i>Cell Communication and Signaling</i> , <b>2015</b> , 13, 18	7.5	25
54	Mechanisms of three-dimensional growth of thyroid cells during long-term simulated microgravity. <i>Scientific Reports</i> , <b>2015</b> , 5, 16691	4.9	49
53	Moderate alterations of the cytoskeleton in human chondrocytes after short-term microgravity produced by parabolic flight maneuvers could be prevented by up-regulation of BMP-2 and SOX-9. <i>FASEB Journal</i> , <b>2015</b> , 29, 2303-14	0.9	57
52	Third-generation beta-adrenoceptor antagonists in the treatment of hypertension and heart failure. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2015</b> , 117, 5-14	3.1	22
51	Common Effects on Cancer Cells Exerted by a Random Positioning Machine and a 2D Clinostat. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135157	3.7	48
50	Anti-Angiogenic Drugs in the Treatment of Metastatic Renal Cell Carcinoma: Advances in Clinical Application. <i>Current Vascular Pharmacology</i> , <b>2015</b> , 13, 381-91	3.3	4
49	Mechanisms of apoptosis in irradiated and sunitinib-treated follicular thyroid cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2014</b> , 19, 480-90	5.4	23
48	Growing tissues in real and simulated microgravity: new methods for tissue engineering. <i>Tissue Engineering - Part B: Reviews</i> , <b>2014</b> , 20, 555-66	7.9	91
47	Spheroid formation of human thyroid cancer cells under simulated microgravity: a possible role of CTGF and CAV1. <i>Cell Communication and Signaling</i> , <b>2014</b> , 12, 32	7.5	55
46	Differential gene expression profile and altered cytokine secretion of thyroid cancer cells in space. <i>FASEB Journal</i> , <b>2014</b> , 28, 813-35	0.9	94
45	The impact of microgravity-based proteomics research. <i>Expert Review of Proteomics</i> , <b>2014</b> , 11, 465-76	4.2	34
44	Anti-vascular endothelial growth factor therapy in breast cancer. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 23024-41	6.3	41
43	The impact of simulated and real microgravity on bone cells and mesenchymal stem cells. <i>BioMed Research International</i> , <b>2014</b> , 2014, 928507	3	64
42	Spheroid formation of human thyroid cancer cells in an automated culturing system during the Shenzhou-8 Space mission. <i>Biomaterials</i> , <b>2013</b> , 34, 7694-705	15.6	76
41	The impact of altered gravity and vibration on endothelial cells during a parabolic flight. <i>Cellular Physiology and Biochemistry</i> , <b>2013</b> , 31, 432-51	3.9	46

40	Biomarkers for anti-angiogenic therapy in cancer. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 9338-64	6.3	52
39	Impact of sunitinib on human thyroid cancer cells. <i>Cellular Physiology and Biochemistry</i> , <b>2013</b> , 32, 154-70	3.9	16
38	Genetic low nephron number hypertension is associated with altered expression of osteopontin and CD44 during nephrogenesis. <i>Journal of Perinatal Medicine</i> , <b>2013</b> , 41, 295-9	2.7	2
37	Biotechnologische Nutzung der Schwerelosigkeit für medizinische Forschung - Analyse humaner Zellen nach Schwerelosigkeit. <i>Flugmedizin &amp; Tropenmedizin &amp; Reisemedizin - FTR</i> , <b>2013</b> , 20, 173-178	0.1	
36	Genomic approach to identify factors that drive the formation of three-dimensional structures by EA.hy926 endothelial cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e64402	3.7	37
35	Interleukin-6 expression under gravitational stress due to vibration and hypergravity in follicular thyroid cancer cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e68140	3.7	25
34	Gene networks modified by sulphonylureas in beta cells: a pathway-based analysis of insulin secretion and cell death. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2012</b> , 111, 254-61	3.1	9
33	Short-term weightlessness produced by parabolic flight maneuvers altered gene expression patterns in human endothelial cells. <i>FASEB Journal</i> , <b>2012</b> , 26, 639-55	0.9	71
32	Genetic variants implicated in telomere length associated with left ventricular function in patients with hypertension and cardiac organ damage. <i>Journal of Molecular Medicine</i> , <b>2012</b> , 90, 1059-67	5.5	11
31	Gravity-sensitive signaling drives 3-dimensional formation of multicellular thyroid cancer spheroids. <i>FASEB Journal</i> , <b>2012</b> , 26, 5124-40	0.9	73
30	Target-based anti-angiogenic therapy in breast cancer. <i>Current Pharmaceutical Design</i> , <b>2012</b> , 18, 4244-57	3.3	32
29	The effects of newer beta-adrenoceptor antagonists on vascular function in cardiovascular disease. <i>Current Vascular Pharmacology</i> , <b>2012</b> , 10, 378-90	3.3	22
28	Drugs interfering with apoptosis in breast cancer. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 272-83	3.3	23
27	Differential impact of the CYP3A5*1 and CYP3A5*3 alleles on pre-dose concentrations of two tacrolimus formulations. <i>Pharmacogenetics and Genomics</i> , <b>2011</b> , 21, 179-84	1.9	40
26	Differential gene regulation under altered gravity conditions in follicular thyroid cancer cells: relationship between the extracellular matrix and the cytoskeleton. <i>Cellular Physiology and Biochemistry</i> , <b>2011</b> , 28, 185-98	3.9	80
25	The impact of vascular endothelial growth factor and basic fibroblast growth factor on cardiac fibroblasts grown under altered gravity conditions. <i>Cellular Physiology and Biochemistry</i> , <b>2010</b> , 26, 1011-22	3.9	8
24	Different responsiveness of endothelial cells to vascular endothelial growth factor and basic fibroblast growth factor added to culture media under gravity and simulated microgravity. <i>Tissue Engineering - Part A</i> , <b>2010</b> , 16, 1559-73	3.9	63
23	Selective loss of podoplanin protein expression accompanies proteinuria and precedes alterations in podocyte morphology in a spontaneous proteinuric rat model. <i>American Journal of Pathology</i> , <b>2008</b> , 173, 315-26	5.8	42

22	Comparative expression analysis of the renin-angiotensin system components between white and brown perivascular adipose tissue. <i>Journal of Endocrinology</i> , <b>2008</b> , 197, 55-64	4.7	117
21	Effects of basic fibroblast growth factor on endothelial cells under conditions of simulated microgravity. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 104, 1324-41	4.7	55
20	Modeled gravitational unloading induced downregulation of endothelin-1 in human endothelial cells. <i>Journal of Cellular Biochemistry</i> , <b>2007</b> , 101, 1439-55	4.7	81
19	Development of overt proteinuria in the Munich Wistar Fröhner rat is suppressed by replacement of chromosome 6 in a consomic rat strain. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2007</b> , 18, 113-21	12.7	30
18	Rat chromosome 19 transfer from SHR ameliorates hypertension, salt-sensitivity, cardiovascular and renal organ damage in salt-sensitive Dahl rats. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 95-102	1.9	8
17	Induction of C1q expression in glomerular endothelium in a rat model with arterial hypertension and albuminuria. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2308-16	1.9	11
16	Monocytes from spontaneously hypertensive rats show increased store-operated and second messenger-operated calcium influx mediated by transient receptor potential canonical Type 3 channels. <i>American Journal of Hypertension</i> , <b>2007</b> , 20, 1111-8	2.3	25
15	Expression of vascular endothelial growth factor and receptor tyrosine kinases in cardiac ischemia/reperfusion injury. <i>Cardiovascular Pathology</i> , <b>2007</b> , 16, 291-9	3.8	40
14	Expression and response to angiotensin-converting enzyme inhibition of matrix metalloproteinases 2 and 9 in renal glomerular damage in young transgenic rats with renin-dependent hypertension. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 316, 8-16	4.7	41
13	Genetic low nephron number hypertension is associated with dysregulation of the hepatic and renal insulin-like growth factor system during nephrogenesis. <i>Journal of Hypertension</i> , <b>2006</b> , 24, 1857-64 <sup>1.9</sup>	1.9	13
12	Mechanisms of apoptosis after ischemia and reperfusion: role of the renin-angiotensin system. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2006</b> , 11, 347-58	5.4	46
11	Simulated weightlessness changes the cytoskeleton and extracellular matrix proteins in papillary thyroid carcinoma cells. <i>Cell and Tissue Research</i> , <b>2006</b> , 324, 267-77	4.2	74
10	Increased transient receptor potential channel TRPC3 expression in spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , <b>2005</b> , 18, 1503-7	2.3	57
9	Increase of fibronectin and osteopontin in porcine hearts following ischemia and reperfusion. <i>Journal of Molecular Medicine</i> , <b>2005</b> , 83, 626-37	5.5	39
8	Genetic linkage of albuminuria and renal injury in Dahl salt-sensitive rats on a high-salt diet: comparison with spontaneously hypertensive rats. <i>Physiological Genomics</i> , <b>2004</b> , 18, 218-25	3.6	33
7	Structural analysis of the DNA-binding domain of the <i>Erwinia amylovora</i> RcsB protein and its interaction with the RcsAB box. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 17752-9	5.4	55
6	Genetic loci contribute to the progression of vascular and cardiac hypertrophy in salt-sensitive spontaneous hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2003</b> , 23, 1211-7	9.4	25
5	The autoregulatory role of EsaR, a quorum-sensing regulator in <i>Pantoea stewartii</i> ssp. <i>stewartii</i> : evidence for a repressor function. <i>Molecular Microbiology</i> , <b>2002</b> , 44, 1625-35	4.1	151



- 4 Isolation of Renal Glomeruli Specific Cell Material Using an Experimental NIR-Laser Microdissection Setup. *Medical Laser Application: International Journal for Laser Treatment and Research*, **2002**, 17, 21-24
- 3 The RcsAB box. Characterization of a new operator essential for the regulation of exopolysaccharide biosynthesis in enteric bacteria. *Journal of Biological Chemistry*, **2000**, 275, 7013-20 5.4 130
- 2 Identification of an RcsA/RcsB recognition motif in the promoters of exopolysaccharide biosynthetic operons from *Erwinia amylovora* and *Pantoea stewartii* subspecies *stewartii*. *Journal of Biological Chemistry*, **1999**, 274, 3300-7 5.4 50
- 1 Microgravity-based Modulation of VEGF Expression in Human Thyroid Carcinoma Cells. *Frontiers in Physiology*, 9, 4.6 4