

Daniela G Grimm

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4785089/daniela-g-grimm-publications-by-year.pdf>

Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

188 papers	5,331 citations	43 h-index	60 g-index
201 ext. papers	6,259 ext. citations	4.6 avg, IF	5.64 L-index

#	Paper	IF	Citations
188	Current Knowledge about the New Drug Firibastat in Arterial Hypertension.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
187	Three-Dimensional Growth of Prostate Cancer Cells Exposed to Simulated Microgravity.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 841017	5.7	4
186	The Fight against Cancer by Microgravity: The Multicellular Spheroid as a Metastasis Model.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	5
185	Changes in Exosomal miRNA Composition in Thyroid Cancer Cells after Prolonged Exposure to Real Microgravity in Space. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
184	Role of Apoptosis in Wound Healing and Apoptosis Alterations in Microgravity. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 679650	5.8	11
183	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> , 2021 , 9, 672098	5.7	5
182	SARS-CoV-2 and hypertension. <i>Physiological Reports</i> , 2021 , 9, e14800	2.6	4
181	Interaction Network Provides Clues on the Role of BCAR1 in Cellular Response to Changes in Gravity. <i>Computation</i> , 2021 , 9, 81	2.2	0
180	The Effect of Continuous Positive Airway Pressure Therapy on Obstructive Sleep Apnea-Related Hypertension. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
179	Changes in Exosome Release in Thyroid Cancer Cells after Prolonged Exposure to Real Microgravity in Space. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
178	The CellBox-2 Mission to the International Space Station: Thyroid Cancer Cells in Space. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
177	What can biofabrication do for space and what can space do for biofabrication?. <i>Trends in Biotechnology</i> , 2021 ,	15.1	2
176	The Cardiovascular System in Space: Focus on In Vivo and In Vitro Studies.. <i>Biomedicines</i> , 2021 , 10,	4.8	7
175	Cancer Studies under Space Conditions: Finding Answers Abroad.. <i>Biomedicines</i> , 2021 , 10,	4.8	5
174	Tissue Engineering of Cartilage Using a Random Positioning Machine. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
173	Exploration of space to achieve scientific breakthroughs. <i>Biotechnology Advances</i> , 2020 , 43, 107572	17.8	8
172	Insight in Adhesion Protein Sialylation and Microgravity Dependent Cell Adhesion-An Omics Network Approach. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4

171	An evaluation of the fixed-dose combination sacubitril/valsartan for the treatment of arterial hypertension. <i>Expert Opinion on Pharmacotherapy</i> , 2020 , 21, 1133-1143	4	6
170	Endothelin Receptor Antagonists: Status Quo and Future Perspectives for Targeted Therapy. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	31
169	Dexamethasone Inhibits Spheroid Formation of Thyroid Cancer Cells Exposed to Simulated Microgravity. <i>Cells</i> , 2020 , 9,	7.9	8
168	Simulated Microgravity Influences VEGF, MAPK, and PAM Signaling in Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
167	The Vasoactive Mas Receptor in Essential Hypertension. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	30
166	The effects of microgravity on differentiation and cell growth in stem cells and cancer stem cells. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 882-894	6.9	21
165	Breast Cancer Cells in Microgravity: New Aspects for Cancer Research. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
164	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> , 2020 , 9,	7.9	
163	Influence of Microgravity on Apoptosis in Cells, Tissues, and Other Systems In Vivo and In Vitro. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
162	The role of SOX family members in solid tumours and metastasis. <i>Seminars in Cancer Biology</i> , 2020 , 67, 122-153	12.7	117
161	Drug-Induced Hypertension Caused by Multikinase Inhibitors (Sorafenib, Sunitinib, Lenvatinib and Axitinib) in Renal Cell Carcinoma Treatment. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	20
160	A focus on riociguat in the treatment of pulmonary arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125, 202-214	3.1	8
159	Fighting Thyroid Cancer with Microgravity Research. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
158	Nebivolol in the treatment of arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125, 189-201	3.1	14
157	Changes in Human Foetal Osteoblasts Exposed to the Random Positioning Machine and Bone Construct Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	20
156	Growing blood vessels in space: Preparation studies of the SPHEROIDS project using related ground-based studies. <i>Acta Astronautica</i> , 2019 , 159, 267-272	2.9	6
155	Morphological and Molecular Changes in Juvenile Normal Human Fibroblasts Exposed to Simulated Microgravity. <i>Scientific Reports</i> , 2019 , 9, 11882	4.9	19
154	The Effects of Oral L-Arginine and L-Citrulline Supplementation on Blood Pressure. <i>Nutrients</i> , 2019 , 11,	6.7	34

153	Real Microgravity Influences the Cytoskeleton and Focal Adhesions in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	37
152	Bioactive Candy: Effects of Licorice on the Cardiovascular System. <i>Foods</i> , 2019 , 8,	4.9	25
151	Augmenting cancer cell proteomics with cellular images - A semantic approach to understand focal adhesion. <i>Journal of Biomedical Informatics</i> , 2019 , 100, 103320	10.2	3
150	Tyrosine Kinase Inhibitor-Induced Hypertension: Role of Hypertension as a Biomarker in Cancer Treatment. <i>Current Vascular Pharmacology</i> , 2019 , 17, 618-634	3.3	11
149	Beneficial Effects of Low Frequency Vibration on Human Chondrocytes in Vitro. <i>Cellular Physiology and Biochemistry</i> , 2019 , 53, 623-637	3.9	1
148	Potential Beneficial Effects of Vitamin D in Coronary Artery Disease. <i>Nutrients</i> , 2019 , 12,	6.7	18
147	Multikinase Inhibitor Treatment in Thyroid Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	26
146	Short-Term Microgravity Influences Cell Adhesion in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
145	Current knowledge about the impact of microgravity on the proteome. <i>Expert Review of Proteomics</i> , 2019 , 16, 5-16	4.2	12
144	The prostacyclin analogue treprostinil in the treatment of pulmonary arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 126, 32	3.1	16
143	Key Proteins Involved in Spheroid Formation and Angiogenesis in Endothelial Cells After Long-Term Exposure to Simulated Microgravity. <i>Cellular Physiology and Biochemistry</i> , 2018 , 45, 429-445	3.9	30
142	The role of NFB in spheroid formation of human breast cancer cells cultured on the Random Positioning Machine. <i>Scientific Reports</i> , 2018 , 8, 921	4.9	37
141	A Focus on Macitentan in the Treatment of Pulmonary Arterial Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 123, 103-113	3.1	15
140	Tissue Engineering Under Microgravity Conditions-Use of Stem Cells and Specialized Cells. <i>Stem Cells and Development</i> , 2018 , 27, 787-804	4.4	41
139	The Combination of Valsartan and Sacubitril in the Treatment of Hypertension and Heart Failure - an Update. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 122, 9-18	3.1	13
138	Pathway Analysis Hints Towards Beneficial Effects of Long-Term Vibration on Human Chondrocytes. <i>Cellular Physiology and Biochemistry</i> , 2018 , 47, 1729-1741	3.9	4
137	Thyroid cancer cells in space during the TEXUS-53 sounding rocket mission - The THYROID Project. <i>Scientific Reports</i> , 2018 , 8, 10355	4.9	16
136	The Impact of Vitamin D in the Treatment of Essential Hypertension. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	48

135	Semantic Analysis of Posttranslational Modification of Proteins Accumulated in Thyroid Cancer Cells Exposed to Simulated Microgravity. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	18
134	Preparative enrichment of human tissue cells capable to change a site of growth in vitro or in vivo - Recent developments. <i>Preparative Biochemistry and Biotechnology</i> , 2018 , 48, 954-960	2.4	2
133	Microgravity Affects Thyroid Cancer Cells during the TEXUS-53 Mission Stronger than Hypergravity. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	16
132	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> , 2018 , 19,	6.3	21
131	Decreased E-Cadherin in MCF7 Human Breast Cancer Cells Forming Multicellular Spheroids Exposed to Simulated Microgravity. <i>Proteomics</i> , 2018 , 18, e1800015	4.8	34
130	Current and Future Treatments for Persistent Pulmonary Hypertension in the Newborn. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 123, 392-406	3.1	20
129	Three-dimensional growth of human endothelial cells in an automated cell culture experiment container during the SpaceX CRS-8 ISS space mission - The SPHEROIDS project. <i>Biomaterials</i> , 2017 , 124, 126-156	15.6	31
128	Gravireceptors in eukaryotes-a comparison of case studies on the cellular level. <i>Npj Microgravity</i> , 2017 , 3, 13	5.3	35
127	Azilsartan Medoxomil, an Angiotensin II Receptor Antagonist for the Treatment of Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 121, 225-233	3.1	8
126	Ivabradine: Current and Future Treatment of Heart Failure. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 121, 89-97	3.1	15
125	Semantic analysis of thyroid cancer cell proteins obtained from rare research opportunities. <i>Journal of Biomedical Informatics</i> , 2017 , 76, 138-153	10.2	9
124	Hypertension Caused by Lenvatinib and Everolimus in the Treatment of Metastatic Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
123	A Special Focus on Selexipag - Treatment of Pulmonary Arterial Hypertension. <i>Current Pharmaceutical Design</i> , 2017 , 23, 5191-5199	3.3	3
122	Cytokine Release and Focal Adhesion Proteins in Normal Thyroid Cells Cultured on the Random Positioning Machine. <i>Cellular Physiology and Biochemistry</i> , 2017 , 43, 257-270	3.9	15
121	Cancer Research in Space. <i>SpringerBriefs in Space Life Sciences</i> , 2017 , 87-106	0.4	1
120	Proteome Analysis of Human Follicular Thyroid Cancer Cells Exposed to the Random Positioning Machine. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	24
119	Preparation of A Spaceflight: Apoptosis Search in Sutured Wound Healing Models. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	5
118	Effects and Side Effects of Using Sorafenib and Sunitinib in the Treatment of Metastatic Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	43

117	The Adverse Effect of Hypertension in the Treatment of Thyroid Cancer with Multi-Kinase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	39
116	Biotechnology, Cell Biology and Microgravity. <i>SpringerBriefs in Space Life Sciences</i> , 2017 , 1-10	0.4	
115	Tissue Engineering in Microgravity. <i>SpringerBriefs in Space Life Sciences</i> , 2017 , 73-85	0.4	2
114	Cell Biology in Space. <i>SpringerBriefs in Space Life Sciences</i> , 2017 , 59-72	0.4	1
113	Towards human exploration of space: The THESEUS review series on immunology research priorities. <i>Npj Microgravity</i> , 2016 , 2, 16040	5.3	56
112	Reduced Expression of Cytoskeletal and Extracellular Matrix Genes in Human Adult Retinal Pigment Epithelium Cells Exposed to Simulated Microgravity. <i>Cellular Physiology and Biochemistry</i> , 2016 , 40, 1-17	3.9	42
111	The Impact of Hypergravity and Vibration on Gene and Protein Expression of Thyroid Cells. <i>Microgravity Science and Technology</i> , 2016 , 28, 261-274	1.6	4
110	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> , 2016 , 13, 697-705	4.2	6
109	Annotated Gene and Proteome Data Support Recognition of Interconnections Between the Results of Different Experiments in Space Research. <i>Microgravity Science and Technology</i> , 2016 , 28, 357-365	1.6	13
108	Thyroid Cells Exposed to Simulated Microgravity Conditions [Comparison of the Fast Rotating Clinostat and the Random Positioning Machine. <i>Microgravity Science and Technology</i> , 2016 , 28, 247-260	1.6	17
107	Tissue Engineering of Cartilage on Ground-Based Facilities. <i>Microgravity Science and Technology</i> , 2016 , 28, 237-245	1.6	9
106	Effects and Role of Multikinase Inhibitors in Thyroid Cancer. <i>Current Pharmaceutical Design</i> , 2016 , 22, 5915-5926	3.3	30
105	Latest Results for Anti-Angiogenic Drugs in Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2016 , 22, 5927-5942	3.3	16
104	Pathways Regulating Spheroid Formation of Human Follicular Thyroid Cancer Cells under Simulated Microgravity Conditions: A Genetic Approach. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 528	6.3	28
103	Alterations of the cytoskeleton in human cells in space proved by life-cell imaging. <i>Scientific Reports</i> , 2016 , 6, 20043	4.9	65
102	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> , 2016 , 6, 26887	4.9	54
101	The impact of microgravity on bone in humans. <i>Bone</i> , 2016 , 87, 44-56	4.7	115
100	Scaffold-free Tissue Formation Under Real and Simulated Microgravity Conditions. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 119 Suppl 3, 26-33	3.1	30

99	LCZ696 (Valsartan/Sacubitril)--A Possible New Treatment for Hypertension and Heart Failure. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 118, 14-22	3.1	22
98	Differential gene expression of human chondrocytes cultured under short-term altered gravity conditions during parabolic flight maneuvers. <i>Cell Communication and Signaling</i> , 2015 , 13, 18	7.5	25
97	Mechanisms of three-dimensional growth of thyroid cells during long-term simulated microgravity. <i>Scientific Reports</i> , 2015 , 5, 16691	4.9	49
96	Identification of proteins involved in inhibition of spheroid formation under microgravity. <i>Proteomics</i> , 2015 , 15, 2945-52	4.8	42
95	The Importance of Caveolin-1 as Key-Regulator of Three-Dimensional Growth in Thyroid Cancer Cells Cultured under Real and Simulated Microgravity Conditions. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 28296-310	6.3	30
94	Simulated microgravity: critical review on the use of random positioning machines for mammalian cell culture. <i>BioMed Research International</i> , 2015 , 2015, 971474	3	112
93	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> , 2015 , 29, 2303-14	0.9	57
92	Third-generation beta-adrenoceptor antagonists in the treatment of hypertension and heart failure. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015 , 117, 5-14	3.1	22
91	Common Effects on Cancer Cells Exerted by a Random Positioning Machine and a 2D Clinostat. <i>PLoS ONE</i> , 2015 , 10, e0135157	3.7	48
90	Anti-Angiogenic Drugs in the Treatment of Metastatic Renal Cell Carcinoma: Advances in Clinical Application. <i>Current Vascular Pharmacology</i> , 2015 , 13, 381-91	3.3	4
89	Mechanisms of apoptosis in irradiated and sunitinib-treated follicular thyroid cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014 , 19, 480-90	5.4	23
88	Growing tissues in real and simulated microgravity: new methods for tissue engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2014 , 20, 555-66	7.9	91
87	Proteomic differences between microvascular endothelial cells and the EA.hy926 cell line forming three-dimensional structures. <i>Proteomics</i> , 2014 , 14, 689-98	4.8	29
86	Spheroid formation of human thyroid cancer cells under simulated microgravity: a possible role of CTGF and CAV1. <i>Cell Communication and Signaling</i> , 2014 , 12, 32	7.5	55
85	Differential gene expression profile and altered cytokine secretion of thyroid cancer cells in space. <i>FASEB Journal</i> , 2014 , 28, 813-35	0.9	94
84	The impact of microgravity-based proteomics research. <i>Expert Review of Proteomics</i> , 2014 , 11, 465-76	4.2	34
83	Anti-vascular endothelial growth factor therapy in breast cancer. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 23024-41	6.3	41
82	Free-flow electrophoresis in proteome sample preparation. <i>Proteomics</i> , 2014 , 14, 629-36	4.8	27

81	The impact of simulated and real microgravity on bone cells and mesenchymal stem cells. <i>BioMed Research International</i> , 2014 , 2014, 928507	3	64
80	Spheroid formation of human thyroid cancer cells in an automated culturing system during the Shenzhou-8 Space mission. <i>Biomaterials</i> , 2013 , 34, 7694-705	15.6	76
79	The impact of altered gravity and vibration on endothelial cells during a parabolic flight. <i>Cellular Physiology and Biochemistry</i> , 2013 , 31, 432-51	3.9	46
78	Biomarkers for anti-angiogenic therapy in cancer. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 9338-64	6.3	52
77	Interaction of proteins identified in human thyroid cells. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 1164-78	6.3	29
76	Impact of sunitinib on human thyroid cancer cells. <i>Cellular Physiology and Biochemistry</i> , 2013 , 32, 154-70	3.9	16
75	Biotechnologische Nutzung der Schwerelosigkeit für medizinische Forschung - Analyse humaner Zellen nach Schwerelosigkeit. <i>Flugmedizin & Tropenmedizin & Reisemedizin - FTR</i> , 2013 , 20, 173-178	0.1	
74	Genomic approach to identify factors that drive the formation of three-dimensional structures by EA.hy926 endothelial cells. <i>PLoS ONE</i> , 2013 , 8, e64402	3.7	37
73	Interleukin-6 expression under gravitational stress due to vibration and hypergravity in follicular thyroid cancer cells. <i>PLoS ONE</i> , 2013 , 8, e68140	3.7	25
72	Changes in morphology, gene expression and protein content in chondrocytes cultured on a random positioning machine. <i>PLoS ONE</i> , 2013 , 8, e79057	3.7	56
71	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> , 2012 , 111, 254-61	3.1	9
70	Cell separation by countercurrent centrifugal elutriation: recent developments. <i>Preparative Biochemistry and Biotechnology</i> , 2012 , 42, 217-33	2.4	10
69	Short-term weightlessness produced by parabolic flight maneuvers altered gene expression patterns in human endothelial cells. <i>FASEB Journal</i> , 2012 , 26, 639-55	0.9	71
68	Metabolic enzyme diversity in different human thyroid cell lines and their sensitivity to gravitational forces. <i>Proteomics</i> , 2012 , 12, 2539-46	4.8	23
67	The use of sigmoid pH gradients in free-flow isoelectric focusing of human endothelial cell proteins. <i>Electrophoresis</i> , 2012 , 33, 1349-55	3.6	9
66	Gravity-sensitive signaling drives 3-dimensional formation of multicellular thyroid cancer spheroids. <i>FASEB Journal</i> , 2012 , 26, 5124-40	0.9	73
65	Target-based anti-angiogenic therapy in breast cancer. <i>Current Pharmaceutical Design</i> , 2012 , 18, 4244-57	3.3	32
64	The effects of newer beta-adrenoceptor antagonists on vascular function in cardiovascular disease. <i>Current Vascular Pharmacology</i> , 2012 , 10, 378-90	3.3	22

63	How and why does the proteome respond to microgravity?. <i>Expert Review of Proteomics</i> , 2011 , 8, 13-27	4.2	51
62	Drugs interfering with apoptosis in breast cancer. <i>Current Pharmaceutical Design</i> , 2011 , 17, 272-83	3.3	23
61	Photodynamic treatment of <i>Chaoborus crystallinus</i> larvae with chlorophyllin induces necrosis and apoptosis. <i>Photochemistry and Photobiology</i> , 2011 , 87, 1113-22	3.6	22
60	Proteome Analysis of Thyroid Cancer Cells After Long-Term Exposure to a Random Positioning Machine. <i>Microgravity Science and Technology</i> , 2011 , 23, 381-390	1.6	16
59	A proteomic approach to analysing spheroid formation of two human thyroid cell lines cultured on a random positioning machine. <i>Proteomics</i> , 2011 , 11, 2095-104	4.8	55
58	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> , 2011 , 28, 185-98	3.9	80
57	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> , 2010 , 26, 1011-22	3.9	8
56	Characterization of human chondrocytes exposed to simulated microgravity. <i>Cellular Physiology and Biochemistry</i> , 2010 , 25, 551-60	3.9	58
55	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> , 2010 , 16, 1559-73	3.9	63
54	Changes of apoptosis, p53, and bcl-2 by irradiation in poorly differentiated thyroid carcinoma cell lines: a prognostic marker for the prospect of therapeutic success?. <i>Thyroid</i> , 2010 , 20, 159-66	6.2	11
53	Application of free-flow IEF to identify protein candidates changing under microgravity conditions. <i>Proteomics</i> , 2010 , 10, 904-13	4.8	43
52	Radiolabeled annexin V for imaging apoptosis in radiated human follicular thyroid carcinomas--is an individualized protocol necessary?. <i>Nuclear Medicine and Biology</i> , 2009 , 36, 89-98	2.1	19
51	Meniscus and disc lesions of triangular fibrocartilage complex (TFCC): treatment by laser-assisted wrist arthroscopy. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009 , 62, 466-71	1.7	18
50	A delayed type of three-dimensional growth of human endothelial cells under simulated weightlessness. <i>Tissue Engineering - Part A</i> , 2009 , 15, 2267-75	3.9	69
49	Blockade of neoangiogenesis, a new and promising technique to control the growth of malignant tumors and their metastases. <i>Current Vascular Pharmacology</i> , 2009 , 7, 347-57	3.3	39
48	Le facteur de croissance vasculaire endothéliale induit les protéines de la matrice extracellulaire et l'ostéopontine dans l'artère ombilicale. <i>Annales De Chirurgie Vasculaire</i> , 2008 , 22, 296-308		
47	Vascular endothelial growth factor induces extracellular matrix proteins and osteopontin in the umbilical artery. <i>Annals of Vascular Surgery</i> , 2008 , 22, 273-84	1.7	34
46	Innovative strategies in in vivo apoptosis imaging. <i>Current Medicinal Chemistry</i> , 2008 , 15, 187-94	4.3	44

45	Protective effect of female gender on the development of albuminuria in a polygenetic rat model is enhanced further by replacement of a major autosomal QTL. <i>Clinical Science</i> , 2008 , 114, 305-11	6.5	12
44	Effects of basic fibroblast growth factor on endothelial cells under conditions of simulated microgravity. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 1324-41	4.7	55
43	El factor de crecimiento endotelial vascular induce proteínas de matriz extracelular y osteopontina en la arteria umbilical. <i>Annals of Vascular Surgery</i> , 2008 , 22, 296-308		
42	Modeled gravitational unloading induced downregulation of endothelin-1 in human endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2007 , 101, 1439-55	4.7	81
41	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> , 2007 , 18, 113-21	12.7	30
40	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> , 2007 , 25, 95-102	1.9	8
39	Expression of vascular endothelial growth factor and receptor tyrosine kinases in cardiac ischemia/reperfusion injury. <i>Cardiovascular Pathology</i> , 2007 , 16, 291-9	3.8	40
38	Successful microsurgical primary replantation of an amputated cheek. <i>Acta Oto-Laryngologica</i> , 2006 , 126, 432-4	1.6	
37	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> , 2006 , 24, 1857-64 ^{1.9}	1.9	13
36	The use of the random positioning machine for the study of gravitational effects on signal transduction in mammalian cells. <i>Signal Transduction</i> , 2006 , 6, 388-396		9
35	Simulated weightlessness changes the cytoskeleton and extracellular matrix proteins in papillary thyroid carcinoma cells. <i>Cell and Tissue Research</i> , 2006 , 324, 267-77	4.2	74
34	Surgical and medical management of rare echinococcosis of the extremities: pre- and post-operative long-term chemotherapy. <i>Scandinavian Journal of Infectious Diseases</i> , 2005 , 37, 954-7		3
33	Free-flow isoelectric focusing of proteins remaining in cell fragments following sonication of thyroid carcinoma cells. <i>Electrophoresis</i> , 2005 , 26, 2109-16	3.6	37
32	Increase of fibronectin and osteopontin in porcine hearts following ischemia and reperfusion. <i>Journal of Molecular Medicine</i> , 2005 , 83, 626-37	5.5	39
31	Intraluminal application of vascular endothelial growth factor enhances healing of microvascular anastomosis in a rat model. <i>Journal of Vascular Research</i> , 2005 , 42, 202-13	1.9	26
30	Effects of PTK787/ZK222584, a tyrosine kinase inhibitor, on the growth of a poorly differentiated thyroid carcinoma: an animal study. <i>Endocrinology</i> , 2004 , 145, 1031-8	4.8	69
29	Vascular endothelial growth factor serum level is strongly enhanced after burn injury and correlated with local and general tissue edema. <i>Burns</i> , 2004 , 30, 305-11	2.3	67
28	Longterm conditions of mimicked weightlessness influences the cytoskeleton in thyroid cells. <i>Journal of Gravitational Physiology: A Journal of the International Society for Gravitational Physiology</i> , 2004 , 11, P169-72		6

27	Vascular endothelial growth factor inhibits programmed cell death of endothelial cells induced by clinorotation. <i>Journal of Gravitational Physiology: A Journal of the International Society for Gravitational Physiology</i> , 2004 , 11, P199-200		2
26	Weightlessness induced apoptosis in normal thyroid cells and papillary thyroid carcinoma cells via extrinsic and intrinsic pathways. <i>Endocrinology</i> , 2003 , 144, 4172-9	4.8	65
25	Functional effects of acute coronary occlusion and catecholnergic stimuli on the isolated normothermic hemoperfused porcine heart. <i>Clinical and Experimental Hypertension</i> , 2003 , 25, 235-55	2.2	4
24	Effects of aortic stenosis on renal renin, angiotensin receptor, endothelin and NOS gene expression in rats. <i>American Journal of Nephrology</i> , 2002 , 22, 84-9	4.6	4
23	Low doses of 2,3,7,8-tetrachlorodibenzo- p-dioxin increase transforming growth factor beta and cause myocardial fibrosis in marmosets (<i>Callithrix jacchus</i>). <i>Archives of Toxicology</i> , 2002 , 76, 360-6	5.8	42
22	Glucose transporter 1 gene expression is related to thyroid neoplasms with an unfavorable prognosis: an immunohistochemical study. <i>Thyroid</i> , 2002 , 12, 747-54	6.2	111
21	Simulated microgravity alters differentiation and increases apoptosis in human follicular thyroid carcinoma cells. <i>FASEB Journal</i> , 2002 , 16, 604-6	0.9	147
20	Experimental diabetes and left ventricular hypertrophy: effects of beta-receptor blockade. <i>Cardiovascular Pathology</i> , 2002 , 11, 229-37	3.8	37
19	Early onset of chondroitin sulfate and osteopontin expression in angiotensin II-dependent left ventricular hypertrophy. <i>American Journal of Hypertension</i> , 2002 , 15, 644-52	2.3	43
18	Effects of simulated microgravity on thyroid carcinoma cells. <i>Journal of Gravitational Physiology: A Journal of the International Society for Gravitational Physiology</i> , 2002 , 9, P253-6		9
17	Simulated microgravity induces programmed cell death in human thyroid carcinoma cells. <i>Journal of Gravitational Physiology: A Journal of the International Society for Gravitational Physiology</i> , 2002 , 9, P295-6		4
16	Extracellular matrix proteins in cardiac fibroblasts derived from rat hearts with chronic pressure overload: effects of beta-receptor blockade. <i>Journal of Molecular and Cellular Cardiology</i> , 2001 , 33, 487-501	5.8	60
15	Effects of growth hormone on renal renin gene expression in normal rats and rats with myocardial infarction. <i>Nephrology Dialysis Transplantation</i> , 2000 , 15, 786-90	4.3	4
14	Application of binary buffer systems to free flow cell electrophoresis. <i>Electrophoresis</i> , 2000 , 21, 325-8	3.6	25
13	Establishment and characterization of the follicular thyroid carcinoma cell line ML-1. <i>Journal of Molecular Medicine</i> , 2000 , 78, 102-10	5.5	61
12	Apoptosis in cardiac myocytes - Role of the renin-angiotensin-system 2000 , 317-327		
11	Effects of indapamide in rats with pressure overload left ventricular hypertrophy. <i>Journal of Cardiovascular Pharmacology</i> , 2000 , 36, 481-6	3.1	11
10	Evidence for a vasopressin system in the rat heart. <i>Circulation Research</i> , 1999 , 84, 365-70	15.7	71

9	Effects of beta-receptor blockade and angiotensin II type I receptor antagonism in isoproterenol-induced heart failure in the rat. <i>Cardiovascular Pathology</i> , 1999 , 8, 315-23	3.8	27
8	Regulation of extracellular matrix proteins in pressure-overload cardiac hypertrophy: effects of angiotensin converting enzyme inhibition. <i>Journal of Hypertension</i> , 1998 , 16, 1345-55	1.9	46
7	Characteristics of multicellular spheroids formed by primary cultures of human thyroid tumor cells. <i>Thyroid</i> , 1997 , 7, 859-65	6.2	23
6	Human follicular and papillary thyroid carcinoma cells interact differently with human venous endothelial cells. <i>Thyroid</i> , 1995 , 5, 155-64	6.2	20
5	Blockade of the renin-angiotensin system in cardiac pressure-overload hypertrophy in rats. <i>Hypertension</i> , 1995 , 25, 250-9	8.5	95
4	Proliferation of tumor spheroids after shock-wave treatment. <i>Journal of Cancer Research and Clinical Oncology</i> , 1994 , 120, 438-41	4.9	7
3	Techniques for studies on growth characteristics of human prostatic cancer cells. <i>Biotechnology Progress</i> , 1992 , 8, 494-500	2.8	8
2	Establishment and characterization of a human papillary thyroid carcinoma cell line with oxyphilic differentiation (ONCO-DG 1). <i>Vigiliae Christianae</i> , 1992 , 62, 97-104	0.2	12
1	Microgravity-based Modulation of VEGF Expression in Human Thyroid Carcinoma Cells. <i>Frontiers in Physiology</i> , 9,	4.6	4