

Markus Wehland

List of Publications by Year in descending order

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131
papers

5,293
citations

57631

44
h-index

110170

64
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132
all docs

132
docs citations

132
times ranked

5067
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of SOX family members in solid tumours and metastasis. <i>Seminars in Cancer Biology</i> , 2020, 67, 122-153.	4.3	238
2	The impact of microgravity on bone in humans. <i>Bone</i> , 2016, 87, 44-56.	1.4	188
3	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> , 2002, 44, 1625-1635.	1.2	164
4	The RcsAB Box. <i>Journal of Biological Chemistry</i> , 2000, 275, 7013-7020.	1.6	144
5	Comparative expression analysis of the renin-angiotensin system components between white and brown perivascular adipose tissue. <i>Journal of Endocrinology</i> , 2008, 197, 55-64.	1.2	134
6	Growing Tissues in Real and Simulated Microgravity: New Methods for Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 555-566.	2.5	117
7	Differential gene expression profile and altered cytokine secretion of thyroid cancer cells in space. <i>FASEB Journal</i> , 2014, 28, 813-835.	0.2	110
8	Alterations of the cytoskeleton in human cells in space proved by life-cell imaging. <i>Scientific Reports</i> , 2016, 6, 20043.	1.6	93
9	Modeled gravitational unloading induced downregulation of endothelin-1 in human endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 1439-1455.	1.2	88
10	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, 185-198.	1.1	88
11	Simulated weightlessness changes the cytoskeleton and extracellular matrix proteins in papillary thyroid carcinoma cells. <i>Cell and Tissue Research</i> , 2006, 324, 267-277.	1.5	87
12	Spheroid formation of human thyroid cancer cells in an automated culturing system during the Shenzhou-8 Space mission. <i>Biomaterials</i> , 2013, 34, 7694-7705.	5.7	86
13	Gravity-sensitive signaling drives 3-dimensional formation of multicellular thyroid cancer spheroids. <i>FASEB Journal</i> , 2012, 26, 5124-5140.	0.2	83
14	The Effects of Oral L-Arginine and L-Citrulline Supplementation on Blood Pressure. <i>Nutrients</i> , 2019, 11, 1679.	1.7	82
15	The Impact of Simulated and Real Microgravity on Bone Cells and Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2014, 2014, 1-15.	0.9	80
16	Short-term weightlessness produced by parabolic flight maneuvers altered gene expression patterns in human endothelial cells. <i>FASEB Journal</i> , 2012, 26, 639-655.	0.2	77
17	The Impact of Vitamin D in the Treatment of Essential Hypertension. <i>International Journal of Molecular Sciences</i> , 2018, 19, 455.	1.8	74
18	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, 1559-1573.	1.6	73

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19	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.	1.6	70
20	Multikinase Inhibitor Treatment in Thyroid Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 10.	1.8	70
21	Increased Transient Receptor Potential Channel TRPC3 Expression in Spontaneously Hypertensive Rats. <i>American Journal of Hypertension</i> , 2005, 18, 1503-1507.	1.0	68
22	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.	2.7	66
23	Mechanisms of three-dimensional growth of thyroid cells during long-term simulated microgravity. <i>Scientific Reports</i> , 2015, 5, 16691.	1.6	65
24	Moderate alterations of the cytoskeleton in human chondrocytes after short-term microgravity produced by parabolic flight maneuvers could be prevented by up-regulation of BMP2 and SOX9. <i>FASEB Journal</i> , 2015, 29, 2303-2314.	0.2	65
25	Endothelin Receptor Antagonists: Status Quo and Future Perspectives for Targeted Therapy. <i>Journal of Clinical Medicine</i> , 2020, 9, 824.	1.0	64
26	Tissue Engineering Under Microgravity Conditions—Use of Stem Cells and Specialized Cells. <i>Stem Cells and Development</i> , 2018, 27, 787-804.	1.1	63
27	Real Microgravity Influences the Cytoskeleton and Focal Adhesions in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3156.	1.8	62
28	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, 461.	1.8	61
29	Common Effects on Cancer Cells Exerted by a Random Positioning Machine and a 2D Clinostat. <i>PLoS ONE</i> , 2015, 10, e0135157.	1.1	61
30	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> , 2003, 278, 17752-17759.	1.6	58
31	Biomarkers for Anti-Angiogenic Therapy in Cancer. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9338-9364.	1.8	58
32	Effects of basic fibroblast growth factor on endothelial cells under conditions of simulated microgravity. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1324-1341.	1.2	57
33	Bioactive Candy: Effects of Licorice on the Cardiovascular System. <i>Foods</i> , 2019, 8, 495.	1.9	56
34	Anti-Vascular Endothelial Growth Factor Therapy in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23024-23041.	1.8	54
35	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> , 2008, 173, 315-326.	1.9	53
36	The Impact of Altered Gravity and Vibration on Endothelial Cells During a Parabolic Flight. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 432-451.	1.1	53

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37	Identification of an RcsA/RcsB Recognition Motif in the Promoters of Exopolysaccharide Biosynthetic Operons from <i>Erwinia amylovora</i> and <i>Pantoea stewartii</i> Subspecies <i>stewartii</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 3300-3307.	1.6	52
38	The Adverse Effect of Hypertension in the Treatment of Thyroid Cancer with Multi-Kinase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2017, 18, 625.	1.8	52
39	The Vasoactive Mas Receptor in Essential Hypertension. <i>Journal of Clinical Medicine</i> , 2020, 9, 267.	1.0	51
40	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.	1.6	51
41	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.	1.1	48
42	Drug-Induced Hypertension Caused by Multikinase Inhibitors (Sorafenib, Sunitinib, Lenvatinib and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4712.	1.8	48
43	Mechanisms of apoptosis after ischemia and reperfusion: Role of the renin-angiotensin system. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 347-358.	2.2	47
44	The role of NF κ B in spheroid formation of human breast cancer cells cultured on the Random Positioning Machine. <i>Scientific Reports</i> , 2018, 8, 921.	1.6	46
45	Increase of fibronectin and osteopontin in porcine hearts following ischemia and reperfusion. <i>Journal of Molecular Medicine</i> , 2005, 83, 626-637.	1.7	45
46	Scaffold-free Tissue Formation Under Real and Simulated Microgravity Conditions. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 26-33.	1.2	45
47	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> , 2006, 316, 8-16.	1.3	44
48	Differential impact of the CYP3A5*1 and CYP3A5*3 alleles on pre-dose concentrations of two tacrolimus formulations. <i>Pharmacogenetics and Genomics</i> , 2011, 21, 179-184.	0.7	43
49	Morphological and Molecular Changes in Juvenile Normal Human Fibroblasts Exposed to Simulated Microgravity. <i>Scientific Reports</i> , 2019, 9, 11882.	1.6	43
50	Target-based Anti-angiogenic Therapy in Breast Cancer. <i>Current Pharmaceutical Design</i> , 2012, 18, 4244-4257.	0.9	41
51	Expression of vascular endothelial growth factor and receptor tyrosine kinases in cardiac ischemia/reperfusion injury. <i>Cardiovascular Pathology</i> , 2007, 16, 291-299.	0.7	40
52	Role of Apoptosis in Wound Healing and Apoptosis Alterations in Microgravity. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 679650.	2.0	40
53	Effects and Role of Multikinase Inhibitors in Thyroid Cancer. <i>Current Pharmaceutical Design</i> , 2016, 22, 5915-5926.	0.9	40
54	The Cardiovascular System in Space: Focus on In Vivo and In Vitro Studies. <i>Biomedicines</i> , 2022, 10, 59.	1.4	40

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55	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.	1.8	38
56	The impact of microgravity-based proteomics research. <i>Expert Review of Proteomics</i> , 2014, 11, 465-476.	1.3	37
57	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> , 2004, 18, 218-225.	1.0	36
58	Decreased E-cadherin in MCF7 Human Breast Cancer Cells Forming Multicellular Spheroids Exposed to Simulated Microgravity. <i>Proteomics</i> , 2018, 18, e1800015.	1.3	36
59	Fighting Thyroid Cancer with Microgravity Research. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2553.	1.8	36
60	Development of Overt Proteinuria in the Munich Wistar Kuntz 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, 113-121.	3.0	32
61	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.	2.7	32
62	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, 1357.	1.8	32
63	Simulated Microgravity Influences VEGF, MAPK, and PAM Signaling in Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1263.	1.8	32
64	Growth of Endothelial Cells in Space and in Simulated Microgravity – a Comparison on the Secretory Level. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 1039-1060.	1.1	32
65	The Fight against Cancer by Microgravity: The Multicellular Spheroid as a Metastasis Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3073.	1.8	32
66	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, 3258.	1.8	31
67	A Focus on Macitentan in the Treatment of Pulmonary Arterial Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 103-113.	1.2	30
68	Potential Beneficial Effects of Vitamin D in Coronary Artery Disease. <i>Nutrients</i> , 2020, 12, 99.	1.7	30
69	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> , 2007, 20, 1111-1118.	1.0	29
70	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.	1.2	29
71	<sc>696 (Valsartan/Sacubitril) – A Possible New Treatment for Hypertension and Heart Failure. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 14-22.	1.2	29
72	Proteome Analysis of Human Follicular Thyroid Cancer Cells Exposed to the Random Positioning Machine. <i>International Journal of Molecular Sciences</i> , 2017, 18, 546.	1.8	29

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73	Short-Term Microgravity Influences Cell Adhesion in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5730.	1.8	28
74	Genetic Loci Contribute to the Progression of Vascular and Cardiac Hypertrophy in Salt-Sensitive Spontaneous Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 1211-1217.	1.1	27
75	Drugs Interfering with Apoptosis in Breast Cancer. <i>Current Pharmaceutical Design</i> , 2011, 17, 272-283.	0.9	27
76	Mechanisms of apoptosis in irradiated and sunitinib-treated follicular thyroid cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 480-490.	2.2	27
77	The Effects of Newer Beta-Adrenoceptor Antagonists on Vascular Function in Cardiovascular Disease. <i>Current Vascular Pharmacology</i> , 2012, 10, 378-390.	0.8	26
78	Interleukin-6 Expression under Gravitational Stress Due to Vibration and Hypergravity in Follicular Thyroid Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e68140.	1.1	26
79	Nebivolol in the treatment of arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 189-201.	1.2	26
80	Thyroid cancer cells in space during the TEXUS-53 sounding rocket mission â€œ The THYROID Project. <i>Scientific Reports</i> , 2018, 8, 10355.	1.6	25
81	The prostacyclin analogue treprostinil in the treatment of pulmonary arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 126, 32-42.	1.2	25
82	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, 2257.	1.8	22
83	Thyroid Cells Exposed to Simulated Microgravity Conditions â€œ Comparison of the Fast Rotating Clinostat and the Random Positioning Machine. <i>Microgravity Science and Technology</i> , 2016, 28, 247-260.	0.7	21
84	Hypertension Caused by Lenvatinib and Everolimus in the Treatment of Metastatic Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1736.	1.8	21
85	Dexamethasone Inhibits Spheroid Formation of Thyroid Cancer Cells Exposed to Simulated Microgravity. <i>Cells</i> , 2020, 9, 367.	1.8	20
86	Latest Results for Anti-Angiogenic Drugs in Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2016, 22, 5927-5942.	0.9	20
87	Impact of Sunitinib on Human Thyroid Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 154-170.	1.1	19
88	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.	1.1	19
89	Microgravity Affects Thyroid Cancer Cells during the TEXUS-53 Mission Stronger than Hypergravity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4001.	1.8	19
90	Tissue Engineering of Cartilage Using a Random Positioning Machine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9596.	1.8	19

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91	Breast Cancer Cells in Microgravity: New Aspects for Cancer Research. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7345.	1.8	18
92	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.	1.2	17
93	Tyrosine Kinase Inhibitor-Induced Hypertension: Role of Hypertension as a Biomarker in Cancer Treatment. <i>Current Vascular Pharmacology</i> , 2019, 17, 618-634.	0.8	17
94	Azilsartan Medoxomil, an Angiotensin II Receptor Antagonist for the Treatment of Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 225-233.	1.2	16
95	A focus on riociguat in the treatment of pulmonary arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 202-214.	1.2	16
96	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, 1857-1864.	0.3	15
97	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.	0.7	15
98	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.	0.9	14
99	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.	1.8	13
100	The CellBox-2 Mission to the International Space Station: Thyroid Cancer Cells in Space. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8777.	1.8	13
101	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> , 2012, 90, 1059-1067.	1.7	12
102	Vascular Endothelial Growth Factor Enhances Proliferation of Human Tenocytes and Promotes Tenogenic Gene Expression. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 1240-1247.	0.7	12
103	Three-Dimensional Growth of Prostate Cancer Cells Exposed to Simulated Microgravity. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 841017.	1.8	12
104	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.	0.3	11
105	Induction of C1q expression in glomerular endothelium in a rat model with arterial hypertension and albuminuria. <i>Journal of Hypertension</i> , 2007, 25, 2308-2316.	0.3	11
106	Preparation of A Spaceflight: Apoptosis Search in Sutured Wound Healing Models. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2604.	1.8	11
107	SARS-CoV-2 and hypertension. <i>Physiological Reports</i> , 2021, 9, e14800.	0.7	11
108	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, 254-261.	1.2	10

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109	Tissue Engineering of Cartilage on Ground-Based Facilities. <i>Microgravity Science and Technology</i> , 2016, 28, 237-245.	0.7	10
110	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, 2132.	1.8	10
111	Alteration of Cytoskeleton Morphology and Gene Expression in Human Breast Cancer Cells under Simulated Microgravity. <i>Cell Journal</i> , 2020, 22, 106-114.	0.2	10
112	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, 1011-1022.	1.1	9
113	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, 12841.	1.8	9
114	Insight in Adhesion Protein Sialylation and Microgravity Dependent Cell Adhesion – An Omics Network Approach. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1749.	1.8	8
115	The Effect of Continuous Positive Airway Pressure Therapy on Obstructive Sleep Apnea-Related Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2300.	1.8	8
116	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.	1.3	7
117	Growing blood vessels in space: Preparation studies of the SPHEROIDS project using related ground-based studies. <i>Acta Astronautica</i> , 2019, 159, 267-272.	1.7	7
118	Pathway Analysis Hints Towards Beneficial Effects of Long-Term Vibration on Human Chondrocytes. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1729-1741.	1.1	5
119	Kinase-Inhibitors in Iodine-Refractory Differentiated Thyroid Cancer – Focus on Occurrence, Mechanisms, and Management of Treatment-Related Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12217.	1.8	5
120	Current Knowledge about the New Drug Firimastat in Arterial Hypertension. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1459.	1.8	5
121	The Impact of Hypergravity and Vibration on Gene and Protein Expression of Thyroid Cells. <i>Microgravity Science and Technology</i> , 2016, 28, 261-274.	0.7	4
122	A Special Focus on Selexipag - Treatment of Pulmonary Arterial Hypertension. <i>Current Pharmaceutical Design</i> , 2018, 23, 5191-5199.	0.9	4
123	Anti-Angiogenic Drugs in the Treatment of Metastatic Renal Cell Carcinoma: Advances in Clinical Application. <i>Current Vascular Pharmacology</i> , 2015, 13, 381-391.	0.8	4
124	Beneficial Effects of Low Frequency Vibration on Human Chondrocytes in Vitro. <i>Cellular Physiology and Biochemistry</i> , 2019, 53, 623-637.	1.1	4
125	Microgravity-based Modulation of VEGF Expression in Human Thyroid Carcinoma Cells. <i>Frontiers in Physiology</i> , 0, 9, .	1.3	4
126	Latest knowledge about changes in the proteome in microgravity. <i>Expert Review of Proteomics</i> , 2022, 19, 43-59.	1.3	4

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127	In Prostate Cancer Cells Cytokines Are Early Responders to Gravitational Changes Occurring in Parabolic Flights. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7876.	1.8	3
128	Genetic low nephron number hypertension is associated with altered expression of osteopontin and CD44 during nephrogenesis*. <i>Journal of Perinatal Medicine</i> , 2013, 41, 295-299.	0.6	2
129	Tissue Engineering in Microgravity. <i>SpringerBriefs in Space Life Sciences</i> , 2017, , 73-85.	0.1	2
130	Isolation of Renal Glomeruli Specific Cell Material Using an Experimental NIR-Laser Microdissection Setup. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2002, 17, 21-24.	0.4	0
131	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, 1763.	1.8	0