

Marcus Krger

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.

70 papers	1,051 citations	19 h-index	28 g-index
75 ext. papers	1,542 ext. citations	5.1 avg, IF	4.78 L-index

#	Paper	IF	Citations
70	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
69	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
68	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
67	Role of Apoptosis in Wound Healing and Apoptosis Alterations in Microgravity. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 679650	5.8	11
66	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
65	SARS-CoV-2 and hypertension. <i>Physiological Reports</i> , 2021 , 9, e14800	2.6	4
64	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
63	Mosaic trisomy 12 diagnosed in a female patient: clinical features, genetic analysis, and review of the literature. <i>World Journal of Pediatrics</i> , 2021 , 17, 438-448	4.6	0
62	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
61	Cancer Studies under Space Conditions: Finding Answers Abroad.. <i>Biomedicines</i> , 2021 , 10,	4.8	5
60	Congenital lymphedema as a rare and first symptom of tuberous sclerosis complex. <i>Gene</i> , 2020 , 753, 144815	3.8	3
59	Exploration of space to achieve scientific breakthroughs. <i>Biotechnology Advances</i> , 2020 , 43, 107572	17.8	8
58	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
57	Endothelin Receptor Antagonists: Status Quo and Future Perspectives for Targeted Therapy. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	31
56	Dexamethasone Inhibits Spheroid Formation of Thyroid Cancer Cells Exposed to Simulated Microgravity. <i>Cells</i> , 2020 , 9,	7.9	8
55	Simulated Microgravity Influences VEGF, MAPK, and PAM Signaling in Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
54	The Vasoactive Mas Receptor in Essential Hypertension. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	30

53	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
52	Breast Cancer Cells in Microgravity: New Aspects for Cancer Research. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
51	Ethyl Pyruvate Reduces Systemic Leukocyte Activation via Caspase-1 and NF- κ B After Blunt Chest Trauma and Haemorrhagic Shock. <i>Frontiers in Medicine</i> , 2020 , 7, 562904	4.9	2
50	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	
49	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
48	The role of SOX family members in solid tumours and metastasis. <i>Seminars in Cancer Biology</i> , 2020 , 67, 122-153	12.7	117
47	Using Colistin as a Trojan Horse: Inactivation of Gram-Negative Bacteria with Chlorophyllin. <i>Antibiotics</i> , 2019 , 8,	4.9	5
46	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
45	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
44	Fighting Thyroid Cancer with Microgravity Research. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
43	Nebivolol in the treatment of arterial hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125, 189-201	3.1	14
42	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
41	What an Mutant Can Teach Us About the Antibacterial Effect of Chlorophyllin. <i>Microorganisms</i> , 2019 , 7,	4.9	14
40	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
39	Morphological and Molecular Changes in Juvenile Normal Human Fibroblasts Exposed to Simulated Microgravity. <i>Scientific Reports</i> , 2019 , 9, 11882	4.9	19
38	The Effects of Oral L-Arginine and L-Citrulline Supplementation on Blood Pressure. <i>Nutrients</i> , 2019 , 11,	6.7	34
37	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
36	Bioactive Candy: Effects of Licorice on the Cardiovascular System. <i>Foods</i> , 2019 , 8,	4.9	25

35	Changes of Gene Expression in <i>Euglena gracilis</i> Obtained During the 29 DLR Parabolic Flight Campaign. <i>Scientific Reports</i> , 2019 , 9, 14260	4.9	4
34	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
33	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
32	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	3.9	23
31	Beneficial Effects of Low Frequency Vibration on Human Chondrocytes in Vitro. <i>Cellular Physiology and Biochemistry</i> , 2019 , 53, 623-637	3.9	1
30	Potential Beneficial Effects of Vitamin D in Coronary Artery Disease. <i>Nutrients</i> , 2019 , 12,	6.7	18
29	Multikinase Inhibitor Treatment in Thyroid Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	26
28	Short-Term Microgravity Influences Cell Adhesion in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
27	Current knowledge about the impact of microgravity on the proteome. <i>Expert Review of Proteomics</i> , 2019 , 16, 5-16	4.2	12
26	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
25	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
24	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
23	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
22	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
21	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
20	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
19	The Impact of Vitamin D in the Treatment of Essential Hypertension. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	48
18	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

17	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
16	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
15	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
14	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
13	Interprofessional education in pediatrics-Child protection and family services as a teaching example. <i>Annals of Anatomy</i> , 2017 , 213, 62-68	2.9	8
12	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
11	A Special Focus on Selexipag - Treatment of Pulmonary Arterial Hypertension. <i>Current Pharmaceutical Design</i> , 2017 , 23, 5191-5199	3.3	3
10	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
9	Early and lethal neurodegeneration with myasthenic and myopathic features: A new -CDG. <i>Neurology</i> , 2017 , 89, 657-664	6.5	13
8	Cancer Research in Space. <i>SpringerBriefs in Space Life Sciences</i> , 2017 , 87-106	0.4	1
7	Preparation of A Spaceflight: Apoptosis Search in Sutured Wound Healing Models. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	5
6	Impact of Gravity on Thyroid Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
5	Delayed fluorescence, steady state fluorescence, photosystem II quantum yield as endpoints for toxicity evaluation of Cu ²⁺ and Ag ⁺ . <i>Environmental and Experimental Botany</i> , 2016 , 130, 174-180	5.9	4
4	Click-chemistry-derived tetracycline-amino acid conjugates exhibiting exceptional potency and exclusive recognition of the reverse tet repressor. <i>ChemBioChem</i> , 2010 , 11, 703-12	3.8	1
3	Engineered Tet repressors with recognition specificity for the tetO-4C5G operator variant. <i>Gene</i> , 2007 , 404, 93-100	3.8	28
2	Microgravity-based Modulation of VEGF Expression in Human Thyroid Carcinoma Cells. <i>Frontiers in Physiology</i> , 9,	4.6	4
1	Growing Tissues in Space. <i>Frontiers in Physiology</i> , 9,	4.6	3