

# Mark Gray

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

594  
citations

933447

10  
h-index

610901

24  
g-index

33  
all docs

33  
docs citations

33  
times ranked

800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implantable biosensors and their contribution to the future of precision medicine. <i>Veterinary Journal</i> , 2018, 239, 21-29.	1.7	101
2	Naturally-Occurring Canine Mammary Tumors as a Translational Model for Human Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 617.	2.8	78
3	Development and characterisation of acquired radioresistant breast cancer cell lines. <i>Radiation Oncology</i> , 2019, 14, 64.	2.7	72
4	Inhibition of pH regulation as a therapeutic strategy in hypoxic human breast cancer cells. <i>Oncotarget</i> , 2017, 8, 42857-42875.	1.8	62
5	Carbonic Anhydrase IX (CAIX), Cancer, and Radiation Responsiveness. <i>Metabolites</i> , 2018, 8, 13.	2.9	52
6	Precision Medicine and the Role of Biomarkers of Radiotherapy Response in Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 628.	2.8	34
7	Current trends in the treatment of HR+/HER2+ breast cancer. <i>Future Oncology</i> , 2021, 17, 1665-1681.	2.4	26
8	Predictive and Diagnostic Biomarkers of Anastomotic Leakage: A Precision Medicine Approach for Colorectal Cancer Patients. <i>Journal of Personalized Medicine</i> , 2021, 11, 471.	2.5	23
9	In vivo validation of a miniaturized electrochemical oxygen sensor for measuring intestinal oxygen tension. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G242-G252.	3.4	16
10	Biocompatibility of common implantable sensor materials in a tumor xenograft model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1620-1633.	3.4	16
11	Integrated DNA and RNA Sequencing Reveals Drivers of Endocrine Resistance in Estrogen Receptor-Positive Breast Cancer. <i>Clinical Cancer Research</i> , 2022, 28, 3618-3629.	7.0	12
12	Dual targeting of <sc>EGFR</sc> and <sc>ERBB2</sc> pathways produces a synergistic effect on cancer cell proliferation and migration <i>in vitro</i> . <i>Veterinary and Comparative Oncology</i> , 2017, 15, 890-909.	1.8	11
13	The Signal Transducer IL6ST (gp130) as a Predictive and Prognostic Biomarker in Breast Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 618.	2.5	11
14	Tissue- and Liquid-Based Biomarkers in Prostate Cancer Precision Medicine. <i>Journal of Personalized Medicine</i> , 2021, 11, 664.	2.5	11
15	The Importance of the Tumor Microenvironment and Hypoxia in Delivering a Precision Medicine Approach to Veterinary Oncology. <i>Frontiers in Veterinary Science</i> , 2020, 7, 598338.	2.2	9
16	In vivo application of an implantable tri-anchored methylene blue-based electrochemical pH sensor. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113728.	10.1	9
17	Exosomes Derived from Radioresistant Breast Cancer Cells Promote Therapeutic Resistance in Na <sup>+</sup> -ve Recipient Cells. <i>Journal of Personalized Medicine</i> , 2021, 11, 1310.	2.5	9
18	Comparative Analysis of the Development of Acquired Radioresistance in Canine and Human Mammary Cancer Cell Lines. <i>Frontiers in Veterinary Science</i> , 2020, 7, 439.	2.2	8

#	ARTICLE	IF	CITATIONS
19	A Novel Approach for the Discovery of Biomarkers of Radiotherapy Response in Breast Cancer. Journal of Personalized Medicine, 2021, 11, 796.	2.5	7
20	The IL6-like Cytokine Family: Role and Biomarker Potential in Breast Cancer. Journal of Personalized Medicine, 2021, 11, 1073.	2.5	7
21	REV1 Inhibition Enhances Radioresistance and Autophagy. Cancers, 2021, 13, 5290.	3.7	7
22	Post-Operative Monitoring of Intestinal Tissue Oxygenation Using an Implantable Microfabricated Oxygen Sensor. Micromachines, 2021, 12, 810.	2.9	5
23	Test Structures for Developing Packaging for Implantable Sensors. IEEE Transactions on Semiconductor Manufacturing, 2020, 33, 224-231.	1.7	3
24	Abstract P1-18-07: Can some ER+/HER2+ patients be safely spared from treatment with chemotherapy plus herceptin?. , 2020, , .		2
25	Preclinical Organotypic Models for the Assessment of Novel Cancer Therapeutics and Treatment. Current Topics in Microbiology and Immunology, 2019, , 225.	1.1	1
26	Abstract P6-16-04: IL6ST, a biomarker of endocrine therapy response, has potential in identifying a subgroup of women with ER+ DCIS who are more likely to benefit from adjuvant endocrine therapy. , 2020, , .		1
27	Characterisation of dendritic cell frequency and phenotype in bovine afferent lymph reveals kinetic changes in costimulatory molecule expression. Veterinary Immunology and Immunopathology, 2022, 243, 110363.	1.2	1
28	P131: Factors affecting the number of sentinel lymph nodes removed in the treatment and staging of breast cancer. European Journal of Surgical Oncology, 2020, 46, e45.	1.0	0
29	Abstract P6-04-03: In-depth genomic analysis of acquired resistance to multiple sequential lines of endocrine therapy in breast cancer. , 2020, , .		0
30	Abstract P6-10-18: Development and validation of novel biomarkers of response to radiotherapy in breast cancer. , 2020, , .		0
31	Abstract P4-02-09: Factors affecting the number of sentinel lymph nodes removed in the treatment and staging of breast cancer?. , 2020, , .		0
32	Abstract P2-11-06: Assessment of ESR1 genomic aberrations and their role in endocrine therapy resistance in breast cancer. , 2020, , .		0