

# Mark Tangney

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

3,680  
citations

147801

31  
h-index

138484

58  
g-index

94  
all docs

94  
docs citations

94  
times ranked

4671  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Microbiota of Breast Tissue and Its Association with Breast Cancer. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5039-5048.	3.1	397
2	Microbiota of Human Breast Tissue. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3007-3014.	3.1	376
3	Local bacteria affect the efficacy of chemotherapeutic drugs. <i>Scientific Reports</i> , 2015, 5, 14554.	3.3	202
4	Electrochemotherapy. <i>Annals of Surgery</i> , 2007, 245, 469-479.	4.2	145
5	Bacteria as vectors for gene therapy of cancer. <i>Bioengineered Bugs</i> , 2010, 1, 385-394.	1.7	139
6	Bacteria and tumours: causative agents or opportunistic inhabitants?. <i>Infectious Agents and Cancer</i> , 2013, 8, 11.	2.6	129
7	High Resolution In Vivo Bioluminescent Imaging for the Study of Bacterial Tumour Targeting. <i>PLoS ONE</i> , 2012, 7, e30940.	2.5	116
8	Isolation and characterization of anti-Salmonella lactic acid bacteria from the porcine gastrointestinal tract. <i>Letters in Applied Microbiology</i> , 2004, 39, 431-438.	2.2	106
9	Improved Luciferase Tagging System for <i>Listeria monocytogenes</i> Allows Real-Time Monitoring In Vivo and In Vitro. <i>Applied and Environmental Microbiology</i> , 2007, 73, 3091-3094.	3.1	101
10	Orally Administered Bifidobacteria as Vehicles for Delivery of Agents to Systemic Tumors. <i>Molecular Therapy</i> , 2010, 18, 1397-1407.	8.2	101
11	Evaluation of Cellular Uptake and Gene Transfer Efficiency of Pegylated Poly-L-lysine Compacted DNA: Implications for Cancer Gene Therapy. <i>Molecular Pharmaceutics</i> , 2006, 3, 644-653.	4.6	88
12	Tumour Targeting with Systemically Administered Bacteria. <i>Current Gene Therapy</i> , 2010, 10, 3-14.	2.0	83
13	Successful application of targeted electrochemotherapy using novel flexible electrodes and low dose bleomycin to solid tumours. <i>Cancer Letters</i> , 2006, 232, 300-310.	7.2	78
14	Synthetic Biology in the Driving Seat of the Bioeconomy. <i>Trends in Biotechnology</i> , 2017, 35, 373-378.	9.3	78
15	Viral Vectors in Cancer Immunotherapy: Which Vector for Which Strategy?. <i>Current Gene Therapy</i> , 2008, 8, 66-78.	2.0	69
16	A Novel <i>Listeria monocytogenes</i> -Based DNA Delivery System for Cancer Gene Therapy. <i>Human Gene Therapy</i> , 2010, 21, 405-416.	2.7	69
17	Bacterial-directed enzyme prodrug therapy. <i>Journal of Controlled Release</i> , 2013, 170, 120-131.	9.9	61
18	Polymer coatings for delivery of nucleic acid therapeutics. <i>Journal of Controlled Release</i> , 2012, 161, 537-553.	9.9	58

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19	The emerging role of viruses in the treatment of solid tumours. <i>Cancer Treatment Reviews</i> , 2011, 37, 618-632.	7.7	54
20	Ascending Vaginal Infection Using Bioluminescent Bacteria Evokes Intrauterine Inflammation, Preterm Birth, and Neonatal Brain Injury in Pregnant Mice. <i>American Journal of Pathology</i> , 2018, 188, 2164-2176.	3.8	52
21	Effective Tumor Treatment Using Optimized Ultrasound-Mediated Delivery of Bleomycin. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 406-413.	1.5	50
22	Bacterial vectors for imaging and cancer gene therapy: a review. <i>Cancer Gene Therapy</i> , 2012, 19, 731-740.	4.6	50
23	<i>Listeria monocytogenes</i> as a Vector for Anti-Cancer Therapies. <i>Current Gene Therapy</i> , 2010, 10, 46-55.	2.0	45
24	Modulation of p21-activated kinase 1 alters the behavior of renal cell carcinoma. <i>International Journal of Cancer</i> , 2007, 121, 1930-1940.	5.1	44
25	Prostate Stem Cell Antigen DNA Vaccination Breaks Tolerance to Self-antigen and Inhibits Prostate Cancer Growth. <i>Molecular Therapy</i> , 2009, 17, 1101-1108.	8.2	40
26	Induction of Effective Antitumor Response After Mucosal Bacterial Vector Mediated DNA Vaccination With Endogenous Prostate Cancer Specific Antigen. <i>Journal of Urology</i> , 2011, 186, 687-693.	0.4	38
27	Local gene therapy of solid tumors with GM-CSF and B7-1 eradicates both treated and distal tumors. <i>Cancer Gene Therapy</i> , 2006, 13, 1061-1071.	4.6	37
28	Sonoporation Mediated Immunogene Therapy of Solid Tumors. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 430-440.	1.5	37
29	Bacterial-Mediated Knockdown of Tumor Resistance to an Oncolytic Virus Enhances Therapy. <i>Molecular Therapy</i> , 2014, 22, 1188-1197.	8.2	37
30	Sequence-Based Characterization of Intratumoral Bacteria—A Guide to Best Practice. <i>Frontiers in Oncology</i> , 2020, 10, 179.	2.8	37
31	Development of a Bioluminescent Nitroreductase Probe for Preclinical Imaging. <i>PLoS ONE</i> , 2015, 10, e0131037.	2.5	36
32	Activation of multiple chemotherapeutic prodrugs by the natural enzymolome of tumour-localised probiotic bacteria. <i>Journal of Controlled Release</i> , 2016, 222, 9-17.	9.9	34
33	Non-specific amplification of human DNA is a major challenge for 16S rRNA gene sequence analysis. <i>Scientific Reports</i> , 2020, 10, 16356.	3.3	33
34	Intratumoural production of TNF $\alpha$ by bacteria mediates cancer therapy. <i>PLoS ONE</i> , 2017, 12, e0180034.	2.5	32
35	In situ biomolecule production by bacteria; a synthetic biology approach to medicine. <i>Journal of Controlled Release</i> , 2018, 275, 217-228.	9.9	30
36	Use of optical imaging to progress novel therapeutics to the clinic. <i>Journal of Controlled Release</i> , 2013, 172, 523-534.	9.9	28

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37	Expression, Regulation, and Mode of Action of the AbiG Abortive Infection System of <i>Lactococcus lactis</i> subsp. <i>cremoris</i> UC653. <i>Applied and Environmental Microbiology</i> , 1999, 65, 330-335.	3.1	28
38	Optimised electroporation mediated DNA vaccination for treatment of prostate cancer. <i>Genetic Vaccines and Therapy</i> , 2010, 8, 1.	1.5	27
39	AbiA, a Lactococcal Abortive Infection Mechanism Functioning in <i>Streptococcus thermophilus</i> . <i>Applied and Environmental Microbiology</i> , 2002, 68, 6388-6391.	3.1	23
40	Non-viral in vivo immune gene therapy of cancer: combined strategies for treatment of systemic disease. <i>Cancer Immunology, Immunotherapy</i> , 2006, 55, 1443-1450.	4.2	22
41	In Vivo Optical Imaging in Gene & Cell Therapy. <i>Current Gene Therapy</i> , 2012, 12, 2-11.	2.0	22
42	PET Imaging for Gene & Cell Therapy. <i>Current Gene Therapy</i> , 2012, 12, 20-32.	2.0	22
43	Gene therapy for cancer: dairy bacteria as delivery vectors. <i>Discovery Medicine</i> , 2010, 10, 195-200.	0.5	22
44	Effectiveness of the lactococcal abortive infection systems AbiA, AbiE, AbiF and AbiG against P335 type phages. <i>FEMS Microbiology Letters</i> , 2002, 210, 67-72.	1.8	18
45	The use of <i>Listeria monocytogenes</i> as a DNA delivery vector for cancer gene therapy. <i>Bioengineered Bugs</i> , 2010, 1, 286-289.	1.7	18
46	Designer bacteria as intratumoural enzyme biofactories. <i>Advanced Drug Delivery Reviews</i> , 2017, 118, 8-23.	13.7	18
47	Microbiome analysis as a platform R&D tool for parasitic nematode disease management. <i>ISME Journal</i> , 2019, 13, 2664-2680.	9.8	18
48	In Vivo Bioluminescence Imaging of Intratumoral Bacteria. <i>Methods in Molecular Biology</i> , 2016, 1409, 69-77.	0.9	18
49	In Vivo Bacterial Imaging without Engineering; A Novel Probe-Based Strategy Facilitated by Endogenous Nitroreductase Enzymes. <i>Current Gene Therapy</i> , 2015, 15, 277-288.	2.0	18
50	Development of a Click Beetle Luciferase Reporter System for Enhanced Bioluminescence Imaging of <i>Listeria monocytogenes</i> : Analysis in Cell Culture and Murine Infection Models. <i>Frontiers in Microbiology</i> , 2017, 8, 1797.	3.5	16
51	Effective immunotherapy of weakly immunogenic solid tumours using a combined immunogene therapy and regulatory T-cell inactivation. <i>Cancer Gene Therapy</i> , 2010, 17, 501-511.	4.6	15
52	Bacterial-mediated DNA delivery to tumour associated phagocytic cells. <i>Journal of Controlled Release</i> , 2014, 196, 384-393.	9.9	15
53	Pre-treatment with <i>Bifidobacterium breve</i> UCC2003 modulates <i>Citrobacter rodentium</i> -induced colonic inflammation and organ specificity. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2826-2834.	1.8	15
54	Salmonella Carriage in an Irish Pig Herd: Correlation between Serological and Bacteriological Detection Methods. <i>Journal of Food Protection</i> , 2004, 67, 2797-2800.	1.7	13

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55	Gene Therapy for Prostate Cancer. <i>Postgraduate Medicine</i> , 2010, 122, 166-180.	2.0	13
56	DNA vaccination for prostate cancer, from preclinical to clinical trials - where we stand?. <i>Genetic Vaccines and Therapy</i> , 2012, 10, 9.	1.5	13
57	Arming Yourself for The In Silico Protein Design Revolution. <i>Trends in Biotechnology</i> , 2021, 39, 651-664.	9.3	13
58	Anti-metastatic effects of viral and non-viral mediated Nk4 delivery to tumours. <i>Genetic Vaccines and Therapy</i> , 2009, 7, 5.	1.5	12
59	Biopsy bacterial signature can predict patient tissue malignancy. <i>Scientific Reports</i> , 2021, 11, 18535.	3.3	11
60	Preclinical evaluation of gene delivery methods for the treatment of loco-regional disease in breast cancer. <i>Experimental Biology and Medicine</i> , 2011, 236, 423-434.	2.4	10
61	Immune gene therapy as a neoadjuvant to surgical excision to control metastatic cancers. <i>Cancer Letters</i> , 2008, 262, 94-102.	7.2	9
62	AAV2-mediated in vivo immune gene therapy of solid tumours. <i>Genetic Vaccines and Therapy</i> , 2010, 8, 8.	1.5	9
63	Oral Tolerance to Cancer Can Be Abrogated by T Regulatory Cell Inhibition. <i>PLoS ONE</i> , 2014, 9, e97602.	2.5	9
64	ODX: A Fitness Tracker-Based Device for Continuous Bacterial Growth Monitoring. <i>Analytical Chemistry</i> , 2019, 91, 12329-12335.	6.5	9
65	Murine Bioluminescent Hepatic Tumour Model. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	8
66	Bioluminescent Bacterial Imaging <i>In Vivo</i> . <i>Journal of Visualized Experiments</i> , 2012, , e4318.	0.3	8
67	Adenovirus-Mediated Transcriptional Targeting of Colorectal Cancer and Effects on Treatment-Resistant Hypoxic Cells. <i>Clinical Colorectal Cancer</i> , 2013, 12, 152-162.e1.	2.3	8
68	Characterization of FFPE-induced bacterial DNA damage and development of a repair method. <i>Biology Methods and Protocols</i> , 2020, 5, bpa015.	2.2	8
69	Protoblock - A biological standard for formalin fixed samples. <i>Microbiome</i> , 2020, 8, 122.	11.1	8
70	Resident bacteria in breast cancer tissue: pathogenic agents or harmless commensals?. <i>Discovery Medicine</i> , 2018, 26, 93-102.	0.5	8
71	Oral immune tolerance mediated by suppressor T cells may be responsible for the poorer prognosis of foregut cancers. <i>Medical Hypotheses</i> , 2006, 66, 541-544.	1.5	7
72	Identification of a DNA region from lactococcal phage sk1 protecting phage 712 from the abortive infection mechanism AbiF. <i>FEMS Microbiology Letters</i> , 2000, 182, 185-191.	1.8	6

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73	Editorial [Hot Topic: Bacterial Vectors for Gene & Cell Therapy (Guest Editors: Mark Tangney & Tj ETQq1 J.0.784314 rgBT /Ov	2.0	6
74	Control and Augmentation of Long-Term Plasmid Transgene Expression <i>In Vivo</i> in Murine Muscle Tissue and <i>Ex Vivo</i> in Patient Mesenchymal Tissue. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-7.	3.0	6
75	Targeting of breast metastases using a viral gene vector with tumour-selective transcription. <i>Anticancer Research</i> , 2011, 31, 1627-35.	1.1	6
76	The Who, What, and Why of Drug Discovery and Development. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 848-852.	8.7	5
77	Editorial [Hot Topic :In Vivo Imaging & Gene Therapy (Guest Editor: Mark Tangney)]. <i>Current Gene Therapy</i> , 2012, 12, 1-1.	2.0	4
78	Bacterial Systems for Gene Delivery to Systemic Tumors. <i>Methods in Molecular Biology</i> , 2014, 1141, 201-209.	0.9	4
79	<i>Ex Vivo</i> Culture of Patient Tissue & Examination of Gene Delivery. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	3
80	Logarithmic Growth in Biological Processes. , 2010, , .		3
81	Function2Form Bridgeâ€”Toward synthetic protein holistic performance prediction. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 462-475.	2.6	3
82	Tripartite Meeting in Gene and Cell Therapy, 2008: Irish Society for Gene and Cell Therapy, British Society for Gene Therapy, and International Society for Cell and Gene Therapy of Cancer. <i>Human Gene Therapy</i> , 2008, 19, 967-978.	2.7	2
83	Cancer Prediction Modeling from Volumetric Data. , 2009, , .		2
84	Interactive 3D graphics for cancer experiment data visualisation. , 2010, , .		2
85	A novel cell permeability assay for macromolecules. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 75.	2.0	2
86	Seeding sustainable education in developing countries. <i>EMBO Reports</i> , 2020, 21, e50587.	4.5	2
87	2D simulation and visualization of tumour growth based on discrete mathematical models. , 2010, , .		1
88	Plasmid Transgene Expression in vivo: Promoter and Tissue Variables. , 2013, , .		1
89	Computer simulation of hypoxia regulates avascular tumor growth through p27 expression. , 2011, , .		0
90	Comparison of DNA Delivery and Expression Using Frequently Used Delivery Methods. , 2011, , .		0

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91	Computer simulation of Salmonella typhimurium accumulation within tumors., 2011, .		0