

Mark Tangney

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5417534/publications.pdf>

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	Arming Yourself for The In Silico Protein Design Revolution. Trends in Biotechnology, 2021, 39, 651-664.	9.3	13
2	Biopsy bacterial signature can predict patient tissue malignancy. Scientific Reports, 2021, 11, 18535.	3.3	11
3	Function2Form Bridgeâ€”Toward synthetic protein holistic performance prediction. Proteins: Structure, Function and Bioinformatics, 2020, 88, 462-475.	2.6	3
4	Non-specific amplification of human DNA is a major challenge for 16S rRNA gene sequence analysis. Scientific Reports, 2020, 10, 16356.	3.3	33
5	Characterization of FFPE-induced bacterial DNA damage and development of a repair method. Biology Methods and Protocols, 2020, 5, bpaa015.	2.2	8
6	A novel cell permeability assay for macromolecules. BMC Molecular and Cell Biology, 2020, 21, 75.	2.0	2
7	Protoblock - A biological standard for formalin fixed samples. Microbiome, 2020, 8, 122.	11.1	8
8	Sequence-Based Characterization of Intratumoral Bacteriaâ€”A Guide to Best Practice. Frontiers in Oncology, 2020, 10, 179.	2.8	37
9	Seeding sustainable education in developing countries. EMBO Reports, 2020, 21, e50587.	4.5	2
10	Microbiome analysis as a platform R&D tool for parasitic nematode disease management. ISME Journal, 2019, 13, 2664-2680.	9.8	18
11	ODX: A Fitness Tracker-Based Device for Continuous Bacterial Growth Monitoring. Analytical Chemistry, 2019, 91, 12329-12335.	6.5	9
12	In situ biomolecule production by bacteria; a synthetic biology approach to medicine. Journal of Controlled Release, 2018, 275, 217-228.	9.9	30
13	The Who, What, and Why of Drug Discovery and Development. Trends in Pharmacological Sciences, 2018, 39, 848-852.	8.7	5
14	Ascending Vaginal Infection Using Bioluminescent Bacteria Evokes Intrauterine Inflammation, Preterm Birth, and Neonatal Brain Injury in Pregnant Mice. American Journal of Pathology, 2018, 188, 2164-2176.	3.8	52
15	Resident bacteria in breast cancer tissue: pathogenic agents or harmless commensals?. Discovery Medicine, 2018, 26, 93-102.	0.5	8
16	Synthetic Biology in the Driving Seat of the Bioeconomy. Trends in Biotechnology, 2017, 35, 373-378.	9.3	78
17	Designer bacteria as intratumoural enzyme biofactories. Advanced Drug Delivery Reviews, 2017, 118, 8-23.	13.7	18
18	Development of a Click Beetle Luciferase Reporter System for Enhanced Bioluminescence Imaging of Listeria monocytogenes: Analysis in Cell Culture and Murine Infection Models. Frontiers in Microbiology, 2017, 8, 1797.	3.5	16

#	ARTICLE	IF	CITATIONS
19	Intratumoural production of TNF α by bacteria mediates cancer therapy. PLoS ONE, 2017, 12, e0180034.	2.5	32
20	The Microbiota of Breast Tissue and Its Association with Breast Cancer. Applied and Environmental Microbiology, 2016, 82, 5039-5048.	3.1	397
21	Activation of multiple chemotherapeutic prodrugs by the natural enzymolome of tumour-localised probiotic bacteria. Journal of Controlled Release, 2016, 222, 9-17.	9.9	34
22	In Vivo Bioluminescence Imaging of Intratumoral Bacteria. Methods in Molecular Biology, 2016, 1409, 69-77.	0.9	18
23	Local bacteria affect the efficacy of chemotherapeutic drugs. Scientific Reports, 2015, 5, 14554.	3.3	202
24	Development of a Bioluminescent Nitroreductase Probe for Preclinical Imaging. PLoS ONE, 2015, 10, e0131037.	2.5	36
25	In Vivo Bacterial Imaging without Engineering; A Novel Probe-Based Strategy Facilitated by Endogenous Nitroreductase Enzymes. Current Gene Therapy, 2015, 15, 277-288.	2.0	18
26	Oral Tolerance to Cancer Can Be Abrogated by T Regulatory Cell Inhibition. PLoS ONE, 2014, 9, e97602.	2.5	9
27	Bacterial-mediated DNA delivery to tumour associated phagocytic cells. Journal of Controlled Release, 2014, 196, 384-393.	9.9	15
28	Microbiota of Human Breast Tissue. Applied and Environmental Microbiology, 2014, 80, 3007-3014.	3.1	376
29	Bacterial-Mediated Knockdown of Tumor Resistance to an Oncolytic Virus Enhances Therapy. Molecular Therapy, 2014, 22, 1188-1197.	8.2	37
30	Bacterial Systems for Gene Delivery to Systemic Tumors. Methods in Molecular Biology, 2014, 1141, 201-209.	0.9	4
31	Bacteria and tumours: causative agents or opportunistic inhabitants?. Infectious Agents and Cancer, 2013, 8, 11.	2.6	129
32	Adenovirus-Mediated Transcriptional Targeting of Colorectal Cancer and Effects on Treatment-Resistant Hypoxic Cells. Clinical Colorectal Cancer, 2013, 12, 152-162.e1.	2.3	8
33	Bacterial-directed enzyme prodrug therapy. Journal of Controlled Release, 2013, 170, 120-131.	9.9	61
34	Use of optical imaging to progress novel therapeutics to the clinic. Journal of Controlled Release, 2013, 172, 523-534.	9.9	28
35	Plasmid Transgene Expression in vivo: Promoter and Tissue Variables. , 2013, , .		1
36	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. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-7.	3.0	6

#	ARTICLE	IF	CITATIONS
37	In Vivo Optical Imaging in Gene & Cell Therapy. <i>Current Gene Therapy</i> , 2012, 12, 2-11.	2.0	22
38	PET Imaging for Gene & Cell Therapy. <i>Current Gene Therapy</i> , 2012, 12, 20-32.	2.0	22
39	Editorial [Hot Topic :In Vivo Imaging & Gene Therapy (Guest Editor: Mark Tangney)]. <i>Current Gene Therapy</i> , 2012, 12, 1-1.	2.0	4
40	Bacterial vectors for imaging and cancer gene therapy: a review. <i>Cancer Gene Therapy</i> , 2012, 19, 731-740.	4.6	50
41	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
42	High Resolution In Vivo Bioluminescent Imaging for the Study of Bacterial Tumour Targeting. <i>PLoS ONE</i> , 2012, 7, e30940.	2.5	116
43	Bioluminescent Bacterial Imaging <i>In Vivo</i> . <i>Journal of Visualized Experiments</i> , 2012, , e4318.	0.3	8
44	Polymer coatings for delivery of nucleic acid therapeutics. <i>Journal of Controlled Release</i> , 2012, 161, 537-553.	9.9	58
45	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
46	Computer simulation of hypoxia regulates avascular tumor growth through p27 expression. , 2011, , .		0
47	The emerging role of viruses in the treatment of solid tumours. <i>Cancer Treatment Reviews</i> , 2011, 37, 618-632.	7.7	54
48	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
49	Comparison of DNA Delivery and Expression Using Frequently Used Delivery Methods. , 2011, , .		0
50	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
51	Computer simulation of <i>Salmonella typhimurium</i> accumulation within tumors. , 2011, , .		0
52	Targeting of breast metastases using a viral gene vector with tumour-selective transcription. <i>Anticancer Research</i> , 2011, 31, 1627-35.	1.1	6
53	Editorial [Hot Topic: Bacterial Vectors for Gene & Cell Therapy (Guest Editors: Mark Tangney & Tj ETQq1 1 0.784314 rgBT /Ov 2.0 6		
54	<i>Listeria monocytogenes</i> as a Vector for Anti-Cancer Therapies. <i>Current Gene Therapy</i> , 2010, 10, 46-55.	2.0	45

#	ARTICLE	IF	CITATIONS
55	Murine Bioluminescent Hepatic Tumour Model. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	8
56	Sonoporation Mediated Immunogene Therapy of Solid Tumors. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 430-440.	1.5	37
57	Optimised electroporation mediated DNA vaccination for treatment of prostate cancer. <i>Genetic Vaccines and Therapy</i> , 2010, 8, 1.	1.5	27
58	AAV2-mediated in vivo immune gene therapy of solid tumours. <i>Genetic Vaccines and Therapy</i> , 2010, 8, 8.	1.5	9
59	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
60	Ex Vivo Culture of Patient Tissue & Examination of Gene Delivery. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	3
61	Tumour Targeting with Systemically Administered Bacteria. <i>Current Gene Therapy</i> , 2010, 10, 3-14.	2.0	83
62	Gene Therapy for Prostate Cancer. <i>Postgraduate Medicine</i> , 2010, 122, 166-180.	2.0	13
63	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
64	Orally Administered Bifidobacteria as Vehicles for Delivery of Agents to Systemic Tumors. <i>Molecular Therapy</i> , 2010, 18, 1397-1407.	8.2	101
65	Bacteria as vectors for gene therapy of cancer. <i>Bioengineered Bugs</i> , 2010, 1, 385-394.	1.7	139
66	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
67	2D simulation and visualization of tumour growth based on discrete mathematical models. , 2010, , .		1
68	Interactive 3D graphics for cancer experiment data visualisation. , 2010, , .		2
69	Logarithmic Growth in Biological Processes. , 2010, , .		3
70	Gene therapy for cancer: dairy bacteria as delivery vectors. <i>Discovery Medicine</i> , 2010, 10, 195-200.	0.5	22
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	Cancer Prediction Modeling from Volumetric Data. , 2009, , .		2
74	Effective Tumor Treatment Using Optimized Ultrasound-Mediated Delivery of Bleomycin. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 406-413.	1.5	50
75	Immune gene therapy as a neoadjuvant to surgical excision to control metastatic cancers. <i>Cancer Letters</i> , 2008, 262, 94-102.	7.2	9
76	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
77	Viral Vectors in Cancer Immunotherapy: Which Vector for Which Strategy?. <i>Current Gene Therapy</i> , 2008, 8, 66-78.	2.0	69
78	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
79	Electrochemotherapy. <i>Annals of Surgery</i> , 2007, 245, 469-479.	4.2	145
80	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
81	Evaluation of Cellular Uptake and Gene Transfer Efficiency of Pegylated Poly-L-lysine Compacted DNA:Â Implications for Cancer Gene Therapy. <i>Molecular Pharmaceutics</i> , 2006, 3, 644-653.	4.6	88
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	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
90	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

#	ARTICLE	IF	CITATIONS
91	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