

# Michael H Bachmann

## List of Publications by Year in descending order

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45  
papers

5,757  
citations

147726

31  
h-index

233338

45  
g-index

47  
all docs

47  
docs citations

47  
times ranked

8512  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro and In Vivo Analysis of Extracellular Vesicle-Mediated Metastasis Using a Bright, Red-Shifted Bioluminescent Reporter Protein. <i>Genetics &amp; Genomics Next</i> , 2022, 3, .	0.8	7
2	Microvesicle-Mediated Delivery of Minicircle DNA Results in Effective Gene-Directed Enzyme Prodrug Cancer Therapy. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 2331-2342.	1.9	54
3	Smart-Dust-Nanorice for Enhancement of Endogenous Raman Signal, Contrast in Photoacoustic Imaging, and T <sub>2</sub> -Shortening in Magnetic Resonance Imaging. <i>Small</i> , 2018, 14, e1703683.	5.2	8
4	Functional DNA Delivery Enabled by Lipid-Modified Charge-Altering Releasable Transporters (CARTs). <i>Biomacromolecules</i> , 2018, 19, 2812-2824.	2.6	29
5	An intravascular magnetic wire for the high-throughput retrieval of circulating tumour cells in vivo. <i>Nature Biomedical Engineering</i> , 2018, 2, 696-705.	11.6	92
6	New imaging probes to track cell fate: reporter genes in stem cell research. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 4455-4469.	2.4	28
7	Local estrogen axis in the human bone microenvironment regulates estrogen-receptor-positive breast cancer cells. <i>Breast Cancer Research</i> , 2017, 19, 121.	2.2	20
8	Tendon Regeneration with Tendon Hydrogel-Based Cell Delivery: A Comparison of Fibroblasts and Adipose-Derived Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 617-626.	0.7	7
9	Signaling by Extracellular Vesicles Advances Cancer Hallmarks. <i>Trends in Cancer</i> , 2016, 2, 84-94.	3.8	97
10	Methods for Culturing Human Femur Tissue Explants to Study Breast Cancer Cell Colonization of the Metastatic Niche. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	15
11	Breast Cancer Cell Colonization of the Human Bone Marrow Adipose Tissue Niche. <i>Neoplasia</i> , 2015, 17, 849-861.	2.3	91
12	Differential fates of biomolecules delivered to target cells via extracellular vesicles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1433-42.	3.3	378
13	A Truncated Human NKG2D Splice Isoform Negatively Regulates NKG2D-Mediated Function. <i>Journal of Immunology</i> , 2014, 193, 2764-2771.	0.4	19
14	Measuring Cytotoxicity by Bioluminescence Imaging Outperforms the Standard Chromium-51 Release Assay. <i>PLoS ONE</i> , 2014, 9, e89357.	1.1	96
15	Functional Imaging of Legumain in Cancer Using a New Quenched Activity-Based Probe. <i>Journal of the American Chemical Society</i> , 2013, 135, 174-182.	6.6	131
16	A Nonpeptidic Cathepsin S Activity-Based Probe for Noninvasive Optical Imaging of Tumor-Associated Macrophages. <i>Chemistry and Biology</i> , 2012, 19, 619-628.	6.2	103
17	Longitudinal, Noninvasive Imaging of T-Cell Effector Function and Proliferation in Living Subjects. <i>Cancer Research</i> , 2010, 70, 10141-10149.	0.4	49
18	Panel of Prototypical Raltegravir-Resistant Infectious Molecular Clones in a Novel Integrase-Deleted Cloning Vector. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 934-936.	1.4	26

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19	Cancer stem cells from human breast tumors are involved in spontaneous metastases in orthotopic mouse models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18115-18120.	3.3	408
20	Nucleic Acid Template and the Risk of a PCR-Induced HIV-1 Drug Resistance Mutation. <i>PLoS ONE</i> , 2010, 5, e10992.	1.1	62
21	CNOB/ChrR6, a new prodrug enzyme cancer chemotherapy. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 333-341.	1.9	38
22	Human Immunodeficiency Virus Type 1 Isolates with the Reverse Transcriptase (RT) Mutation Q145M Retain Nucleoside and Nonnucleoside RT Inhibitor Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2196-2198.	1.4	1
23	Minority Variants Associated with Transmitted and Acquired HIV-1 Nonnucleoside Reverse Transcriptase Inhibitor Resistance: Implications for the Use of Second-Generation Nonnucleoside Reverse Transcriptase Inhibitors. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2009, 52, 309-315.	0.9	88
24	In vivo analysis of heat-shock-protein-70 induction following pulsed laser irradiation in a transgenic reporter mouse. <i>Journal of Biomedical Optics</i> , 2008, 13, 030501.	1.4	42
25	The impact of regulatory T cells on T-cell immunity following hematopoietic cell transplantation. <i>Blood</i> , 2008, 111, 945-953.	0.6	160
26	Molecular Imaging Using Labeled Donor Tissues Reveals Patterns of Engraftment, Rejection, and Survival in Transplantation. <i>Transplantation</i> , 2005, 80, 134-139.	0.5	90
27	Social Support and Maladaptive Coping as Predictors of the Change in Physical Health Symptoms among Persons Living with HIV/AIDS. <i>AIDS Patient Care and STDs</i> , 2005, 19, 587-598.	1.1	120
28	A genetic reporter of thermal stress defines physiologic zones over a defined temperature range. <i>FASEB Journal</i> , 2004, 18, 264-271.	0.2	55
29	MYC inactivation uncovers pluripotent differentiation and tumour dormancy in hepatocellular cancer. <i>Nature</i> , 2004, 431, 1112-1117.	13.7	796
30	The writing is on the vessel wall. <i>Nature</i> , 2004, 429, 618-619.	13.7	7
31	Shifting foci of hematopoiesis during reconstitution from single stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 221-226.	3.3	323
32	Alternative Therapies: A Common Practice among Men and Women Living with HIV. <i>Journal of the Association of Nurses in AIDS Care</i> , 2003, 14, 17-27.	0.4	48
33	Revealing lymphoma growth and the efficacy of immune cell therapies using in vivo bioluminescence imaging. <i>Blood</i> , 2003, 101, 640-648.	0.6	302
34	Advances in In Vivo Bioluminescence Imaging of Gene Expression. <i>Annual Review of Biomedical Engineering</i> , 2002, 4, 235-260.	5.7	876
35	Advancing animal models of neoplasia through in vivo bioluminescence imaging. <i>European Journal of Cancer</i> , 2002, 38, 2128-2136.	1.3	212
36	Bioluminescent indicators for in vivo measurements of gene expression. <i>Trends in Biotechnology</i> , 2002, 20, S19-S23.	4.9	37

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37	Sleep Disturbances in Women With Metastatic Breast Cancer. <i>Breast Journal</i> , 2002, 8, 362-370.	0.4	134
38	Bioluminescence imaging of lymphocyte trafficking in vivo. <i>Experimental Hematology</i> , 2001, 29, 1353-1360.	0.2	146
39	Antigen-specific T cell-mediated gene therapy in collagen-induced arthritis. <i>Journal of Clinical Investigation</i> , 2001, 107, 1293-1301.	3.9	171
40	Genetic diversity of feline immunodeficiency virus: dual infection, recombination, and distinct evolutionary rates among envelope sequence clades. <i>Journal of Virology</i> , 1997, 71, 4241-4253.	1.5	134
41	Rapid Genetic Characterization of HIV Type 1 Strains from Four World Health Organization-Sponsored Vaccine Evaluation Sites Using a Heteroduplex Mobility Assay. <i>AIDS Research and Human Retroviruses</i> , 1994, 10, 1345-1353.	0.5	94
42	Conserved V3 Loop Sequences and Transmission of Human Immunodeficiency Virus Type 1. <i>AIDS Research and Human Retroviruses</i> , 1994, 10, 1679-1684.	0.5	21
43	Identification of an env G subtype and heterogeneity of HIV-1 strains in the Russian Federation and Belarus. <i>Aids</i> , 1994, 8, 1649-1656.	1.0	76
44	Identification of a putative receptor for subgroup A feline leukemia virus on feline T cells. <i>Journal of Virology</i> , 1992, 66, 3707-3714.	1.5	30
45	Permeability measurements with closed vesicles from rat liver nuclear envelopes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 3540-3544.	3.3	26