

# Wolfgang Walther

## List of Publications by Year in descending order

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99  
papers

4,115  
citations

126858

33  
h-index

123376

61  
g-index

101  
all docs

101  
docs citations

101  
times ranked

5110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Suicide nanoplasmids coding for ribosome-inactivating proteins. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 170, 106107.	1.9	4
2	Real-world evidence for preventive effects of statins on cancer incidence: A transatlantic analysis. <i>Clinical and Translational Medicine</i> , 2022, 12, e726.	1.7	15
3	S100A4 Is a Strong Negative Prognostic Marker and Potential Therapeutic Target in Adenocarcinoma of the Stomach and Esophagus. <i>Cells</i> , 2022, 11, 1056.	1.8	4
4	Inhibition of MACC1-Induced Metastasis in Esophageal and Gastric Adenocarcinomas. <i>Cancers</i> , 2022, 14, 1773.	1.7	4
5	Combination of Wnt/ $\beta$ -Catenin Targets S100A4 and DKK1 Improves Prognosis of Human Colorectal Cancer. <i>Cancers</i> , 2022, 14, 37.	1.7	7
6	Calcium-binding protein S100P is a new target gene of MACC1, drives colorectal cancer metastasis and serves as a prognostic biomarker. <i>British Journal of Cancer</i> , 2022, 127, 675-685.	2.9	8
7	A Brief Introduction to Current Cancer Gene Therapy. <i>Methods in Molecular Biology</i> , 2022, , 1-21.	0.4	3
8	Capillary Gel Electrophoresis (CGE) for Quality Control of Plasmid DNA in Gene Therapy: Quality Control of 20 Years Stored GMP-Grade Plasmid DNA. <i>Methods in Molecular Biology</i> , 2022, , 317-328.	0.4	2
9	Claudin-Targeted Suicide Gene Therapy for Claudin-Overexpressing Tumor Cells by Using Modified <i>Clostridium perfringens</i> Enterotoxin (CPE). <i>Methods in Molecular Biology</i> , 2022, , 173-188.	0.4	2
10	Patient-derived xenograft (PDX) models of colorectal carcinoma (CRC) as a platform for chemosensitivity and biomarker analysis in personalized medicine. <i>Neoplasia</i> , 2021, 23, 21-35.	2.3	32
11	Real-Time Cell Migration Monitoring to Analyze Drug Synergism in the Scratch Assay Using the IncuCyte System. <i>Methods in Molecular Biology</i> , 2021, 2294, 133-142.	0.4	7
12	Patient-Derived Xenografts from Solid Tumors (PDX) for Models of Metastasis. <i>Methods in Molecular Biology</i> , 2021, 2294, 43-58.	0.4	1
13	Systematic Identification of MACC1-Driven Metabolic Networks in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 978.	1.7	4
14	The newly identified MEK1 tyrosine phosphorylation target MACC1 is druggable by approved MEK1 inhibitors to restrict colorectal cancer metastasis. <i>Oncogene</i> , 2021, 40, 5286-5301.	2.6	9
15	Effective Oncolytic Treatment of Pancreatic Cancer by Claudin-Targeted Suicide Gene Therapy with <i>Clostridium perfringens</i> Enterotoxin (CPE). <i>Cancers</i> , 2021, 13, 4393.	1.7	6
16	MACC1 regulates clathrin-mediated endocytosis and receptor recycling of transferrin receptor and EGFR in colorectal cancer. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3525-3542.	2.4	12
17	Peritoneal metastasis of colorectal cancer (pmCRC): identification of predictive molecular signatures by a novel preclinical platform of matching pmCRC PDX/PD3D models. <i>Molecular Cancer</i> , 2021, 20, 129.	7.9	6
18	Decoding and targeting the molecular basis of MACC1-driven metastatic spread: Lessons from big data mining and clinical-experimental approaches. <i>Seminars in Cancer Biology</i> , 2020, 60, 365-379.	4.3	24

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19	Targeting claudin-overexpressing thyroid and lung cancer by modified <i>Clostridium perfringens</i> enterotoxin. <i>Molecular Oncology</i> , 2020, 14, 261-276.	2.1	17
20	In-vitro and in-vivo investigations into the carbene-gold anticancer drug candidates NHC*-Au-SCSNMe2 and NHC*-Au-S-GLUC against advanced prostate cancer PC3. <i>Anti-Cancer Drugs</i> , 2020, 31, 672-683.	0.7	12
21	Small Ones to Fight a Big Problem—Intervention of Cancer Metastasis by Small Molecules. <i>Cancers</i> , 2020, 12, 1454.	1.7	5
22	Restoring Treatment Response in Colorectal Cancer Cells by Targeting MACC1-Dependent ABCB1 Expression in Combination Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 599.	1.3	12
23	Targeted suicide gene transfections reveal promising results in nu/nu mice with aggressive neuroblastoma. <i>Journal of Controlled Release</i> , 2018, 275, 208-216.	4.8	12
24	Efficient Non-viral Gene Delivery into Human Hematopoietic Stem Cells by Minicircle Sleeping Beauty Transposon Vectors. <i>Molecular Therapy</i> , 2018, 26, 1137-1153.	3.7	53
25	Phase II trial to investigate the safety and efficacy of orally applied niclosamide in patients with metachronous or synchronous metastases of a colorectal cancer progressing after therapy: the NIKOLO trial. <i>BMC Cancer</i> , 2018, 18, 297.	1.1	79
26	In Colon Epithelia, <i>Clostridium perfringens</i> Enterotoxin Causes Focal Leaks by Targeting Claudins Which are Apically Accessible Due to Tight Junction Derangement. <i>Journal of Infectious Diseases</i> , 2018, 217, 147-157.	1.9	46
27	Mechanisms of Targeting the MDM2-p53-FOXM1 Axis in Well-Differentiated Intestinal Neuroendocrine Tumors. <i>Neuroendocrinology</i> , 2018, 107, 1-23.	1.2	5
28	MACC1—the first decade of a key metastasis molecule from gene discovery to clinical translation. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 805-820.	2.7	58
29	Pancreatic cancer models for translational research. , 2017, 173, 146-158.		26
30	Rapid eradication of colon carcinoma by <i>Clostridium perfringens</i> Enterotoxin suicidal gene therapy. <i>BMC Cancer</i> , 2017, 17, 129.	1.1	53
31	Choosing wisely — Preclinical test models in the era of precision medicine. <i>Cancer Treatment Reviews</i> , 2017, 55, 36-45.	3.4	37
32	MACC1 regulates Fas mediated apoptosis through STAT1/3 — Mcl-1 signaling in solid cancers. <i>Cancer Letters</i> , 2017, 403, 231-245.	3.2	25
33	Statin and rottlerin small-molecule inhibitors restrict colon cancer progression and metastasis via MACC1. <i>PLoS Biology</i> , 2017, 15, e2000784.	2.6	70
34	In Vitro and In Vivo Investigations into the Carbene Gold Chloride and Thioglucoside Anticancer Drug Candidates NHC-AuCl and NHC-AuSR. <i>Letters in Drug Design and Discovery</i> , 2016, 14, 125-134.	0.4	33
35	S100A4 in Cancer Metastasis: Wnt Signaling-Driven Interventions for Metastasis Restriction. <i>Cancers</i> , 2016, 8, 59.	1.7	70
36	Bacterial Toxins for Oncoleaking Suicidal Cancer Gene Therapy. <i>Recent Results in Cancer Research</i> , 2016, 209, 95-110.	1.8	13

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37	Impact of anti-PEG IgM antibodies on the pharmacokinetics of pegylated asparaginase preparations in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 91, 122-130.	1.9	30
38	Repositioning of drugs for intervention in tumor progression and metastasis: Old drugs for new targets. <i>Drug Resistance Updates</i> , 2016, 26, 10-27.	6.5	30
39	Vectors and strategies for nonviral cancer gene therapy. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 443-461.	1.4	84
40	Chemosensitization by diverging modulation by short-term and long-term TNF- $\alpha$ action on ABCB1 expression and NF- $\kappa$ B signaling in colon cancer. <i>International Journal of Oncology</i> , 2015, 47, 2276-2285.	1.4	21
41	Oncoleaking: Use of the Pore-Forming Clostridium perfringens Enterotoxin (CPE) for Suicide Gene Therapy. <i>Methods in Molecular Biology</i> , 2015, 1317, 69-85.	0.4	5
42	Preclinical study on combined chemo- and nonviral gene therapy for sensitization of melanoma using a human TNF- $\alpha$ expressing MIDGE DNA vector. <i>Molecular Oncology</i> , 2014, 8, 609-619.	2.1	13
43	In Vitro and In Vivo Investigations into the Carbene Copper Bromide Anticancer Drug Candidate WBC4. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 825-832.	0.4	16
44	A Seven-Year Storage Report of Good Manufacturing Practice-Grade Naked Plasmid DNA: Stability, Topology, and <i>In Vitro/In Vivo</i> Functional Analysis. <i>Human Gene Therapy Clinical Development</i> , 2013, 24, 147-153.	3.2	16
45	Performance of High Quality Minicircle DNA for In Vitro and In Vivo Gene Transfer. <i>Molecular Biotechnology</i> , 2013, 53, 80-89.	1.3	54
46	Current status of gene therapy for cancer. <i>Current Opinion in Oncology</i> , 2013, 25, 659-664.	1.1	53
47	HER2/neu DNA vaccination by intradermal gene delivery in a mouse tumor model. <i>Oncolmmunology</i> , 2012, 1, 1537-1545.	2.1	30
48	In vivo imaging of colorectal cancer growth and metastasis by targeting MACC1 with shRNA in xenografted mice. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 573-583.	1.7	47
49	Intratumoral Dispersion, Retention, Systemic Biodistribution, and Clearance of a Small-Size Tumor Necrosis Factor- $\alpha$ -Expressing MIDGE Vector After Nonviral In Vivo Jet-Injection Gene Transfer. <i>Human Gene Therapy Methods</i> , 2012, 23, 264-270.	2.1	3
50	Novel Effect of Antihelminthic Niclosamide on S100A4-Mediated Metastatic Progression in Colon Cancer. <i>Journal of the National Cancer Institute</i> , 2011, 103, 1018-1036.	3.0	192
51	Intervening in $\beta$ -Catenin Signaling by Sulindac Inhibits S100A4-Dependent Colon Cancer Metastasis. <i>Neoplasia</i> , 2011, 13, 131-138.	2.3	81
52	S100A4-induced cell motility and metastasis is restricted by the Wnt/ $\beta$ -catenin pathway inhibitor calcimycin in colon cancer cells. <i>Molecular Biology of the Cell</i> , 2011, 22, 3344-3354.	0.9	106
53	MACC1 "more than metastasis? Facts and predictions about a novel gene. <i>Journal of Molecular Medicine</i> , 2010, 88, 11-18.	1.7	63
54	Activation of the CMV-IE Promoter by Hyperthermia In Vitro and In Vivo: Biphasic Heat Induction of Cytosine Deaminase Suicide Gene Expression. <i>Molecular Biotechnology</i> , 2010, 46, 197-205.	1.3	6

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55	Identification of Y-Box Binding Protein 1 As a Core Regulator of MEK/ERK Pathway-Dependent Gene Signatures in Colorectal Cancer Cells. <i>PLoS Genetics</i> , 2010, 6, e1001231.	1.5	80
56	Jet-Injection of Short Hairpin RNA-Encoding Vectors into Tumor Cells. <i>Methods in Molecular Biology</i> , 2010, 629, 121-137.	0.4	5
57	MACC1 controls Met: What a difference an Sp1 site makes. <i>Cell Cycle</i> , 2009, 8, 2467-2469.	1.3	84
58	MACC1, a newly identified key regulator of HGF-MET signaling, predicts colon cancer metastasis. <i>Nature Medicine</i> , 2009, 15, 59-67.	15.2	431
59	Heat-responsive gene expression for gene therapy. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 641-649.	6.6	35
60	Nonviral Jet-Injection Technology for Intratumoral In Vivo Gene Transfer of Naked DNA. <i>Methods in Molecular Biology</i> , 2009, 542, 195-208.	0.4	5
61	Novel Jet-Injection Technology for Nonviral Intratumoral Gene Transfer in Patients with Melanoma and Breast Cancer. <i>Clinical Cancer Research</i> , 2008, 14, 7545-7553.	3.2	51
62	Complete In Vivo Reversal of the Multidrug Resistance Phenotype by Jet-injection of Anti-MDR1 Short Hairpin RNA-encoding Plasmid DNA. <i>Molecular Therapy</i> , 2008, 16, 178-186.	3.7	60
63	Heat-inducible in vivo gene therapy of colon carcinoma by human <i>mdr1</i> promoter-regulated tumor necrosis factor- $\alpha$ expression. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 236-243.	1.9	19
64	Biological Background. , 2007, , 3-18.		0
65	Local Gene Therapy for Cancer. , 2007, , 181-196.		2
66	Reversal of ABC Transporter-Dependent Multidrug Resistance in Cancer. <i>American Journal of Cancer</i> , 2006, 5, 285-297.	0.4	12
67	The Metastasis-Associated Gene S100A4 Is a Novel Target of $\beta$ -catenin/T-cell Factor Signaling in Colon Cancer. <i>Gastroenterology</i> , 2006, 131, 1486-1500.	0.6	196
68	Needleless Jet Injection of Naked DNA for Nonviral in vivo Gene Transfer. , 2006, , 133-143.		0
69	YB-1 facilitates basal and 5-fluorouracil-inducible expression of the human major vault protein (MVP) gene. <i>Oncogene</i> , 2005, 24, 3606-3618.	2.6	51
70	Use of the nuclease inhibitor aurintricarboxylic acid (ATA) for improved non-viral intratumoral in vivo gene transfer by jet-injection. <i>Journal of Gene Medicine</i> , 2005, 7, 477-485.	1.4	35
71	Nonviral Jet-Injection Gene Transfer for Efficient in Vivo Cytosine Deaminase Suicide Gene Therapy of Colon Carcinoma. <i>Molecular Therapy</i> , 2005, 12, 1176-1184.	3.7	19
72	Low-Volume Jet Injection for Efficient Nonviral In Vivo Gene Transfer. <i>Molecular Biotechnology</i> , 2004, 28, 121-128.	1.3	17

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73	Stability analysis for long-term storage of naked DNA: impact on nonviral in vivo gene transfer. <i>Analytical Biochemistry</i> , 2003, 318, 230-235.	1.1	53
74	Lipoplexes with alkylphospholipid as new helper lipid for efficient in vitro and in vivo gene transfer in tumor therapy. <i>Cancer Gene Therapy</i> , 2003, 10, 302-311.	2.2	11
75	Functional haplotypes of the RET proto-oncogene promoter are associated with Hirschsprung disease (HSCR). <i>Human Molecular Genetics</i> , 2003, 12, 3207-3214.	1.4	67
76	YB-1 as a Cell Cycle-regulated Transcription Factor Facilitating Cyclin A and Cyclin B1 Gene Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 27988-27996.	1.6	184
77	Impact of BCRP/MXR, MRP1 and MDR1/P-Glycoprotein on thermoresistant variants of atypical and classical multidrug resistant cancer cells. <i>International Journal of Cancer</i> , 2002, 97, 751-760.	2.3	32
78	Use of the humanMDR1 promoter for heat-inducible expression of therapeutic genes. <i>International Journal of Cancer</i> , 2002, 98, 291-296.	2.3	23
79	Intratumoral Low-Volume Jet-Injection for Efficient Nonviral Gene Transfer. <i>Molecular Biotechnology</i> , 2002, 21, 105-116.	1.3	48
80	Hyperthermia-induced Nuclear Translocation of Transcription Factor YB-1 Leads to Enhanced Expression of Multidrug Resistance-related ABC Transporters. <i>Journal of Biological Chemistry</i> , 2001, 276, 28562-28569.	1.6	123
81	In Vivo Gene Transfer by Low-Volume Jet Injection. <i>Analytical Biochemistry</i> , 2000, 282, 262-265.	1.1	41
82	mdr1 promoter-driven tumor necrosis factor- $\alpha$ expression for a chemotherapy-controllable combined in vivo gene therapy and chemotherapy of tumors. <i>Cancer Gene Therapy</i> , 2000, 7, 893-900.	2.2	32
83	High-Copy cDNA Amplification of Minimal Total RNA Quantities for Gene Expression Analyses. <i>Molecular Biotechnology</i> , 2000, 14, 165-172.	1.3	6
84	Cloning and Initial Analysis of the Human Multidrug Resistance-Related MVP/LRP Gene Promoter. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 125-133.	1.0	37
85	Viral Vectors for Gene Transfer. <i>Drugs</i> , 2000, 60, 249-271.	4.9	364
86	Therapeutic Genes for Cancer Gene Therapy. <i>Molecular Biotechnology</i> , 1999, 13, 21-28.	1.3	21
87	Hyperthermia for treatment of rectal cancer: Evaluation for induction of multidrug resistance gene (mdr1) expression. , 1999, 80, 5-12.		18
88	Cytokine-mediated reversal of multidrug resistance. , 1998, 27, 271-282.		13
89	Large and Small Scale RNA Preparations from Eukaryotic Cells. , 1998, 86, 7-14.		2
90	Tumor Necrosis factor- $\alpha$ and Expression of the Multidrug Resistance-Associated Genes LRP and MRP. <i>Journal of the National Cancer Institute</i> , 1997, 89, 807-813.	3.0	61

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91	Development and characterisation of novel human multidrug resistant mammary carcinoma lines in vitro and in vivo. , 1997, 72, 885-891.		39
92	Vincristine induction of mutant and wild-type human multidrug-resistance promoters is cell-type-specific and dose-dependent. Journal of Cancer Research and Clinical Oncology, 1996, 122, 275-282.	1.2	28
93	Targeted vectors for gene therapy of cancer and retroviral infections. Molecular Biotechnology, 1996, 6, 267-286.	1.3	7
94	Reversal of Multidrug Resistance by Transduction of Cytokine Genes Into Human Colon Carcinoma Cells. Journal of the National Cancer Institute, 1996, 88, 1383-1392.	3.0	63
95	Gene transfer of human TNF $\alpha$ into glioblastoma cells permits modulation of mdr1 expression and potentiation of chemosensitivity. International Journal of Cancer, 1995, 61, 832-839.	2.3	30
96	Influence of cytokines on mdr1 expression in human colon carcinoma cell lines: Increased cytotoxicity of MDR relevant drugs. Journal of Cancer Research and Clinical Oncology, 1994, 120, 471-478.	1.2	50
97	Retrovirus-mediated gene transfer in cancer therapy. , 1994, 63, 323-347.		28
98	In vivo investigations into the carbene gold anticancer drug candidates NHC*-Au-SCN and NHC*-Au-Scyclo. Trends in Cancer Research, 0, 13, 63.	1.6	5
99	Minicircle-Based Vectors for Nonviral Gene Therapy: In Vitro Characterization and In Vivo Application. , 0, , 177-188.		0