

# Michael Bergmann

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

4,195  
citations

182225

30  
h-index

150775

59  
g-index

107  
all docs

107  
docs citations

107  
times ranked

7367  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Precision Medicine Provides Clinical Benefit in Advanced Aggressive Hematologic Cancers and Identifies Exceptional Responders. <i>Cancer Discovery</i> , 2022, 12, 372-387.	7.7	77
2	Tumour cell apoptosis modulates the colorectal cancer immune microenvironment via interleukin-8-dependent neutrophil recruitment. <i>Cell Death and Disease</i> , 2022, 13, 113.	2.7	24
3	Intensive care unit occupancy predictions in the COVID-19 pandemic based on age-structured modelling and differential flatness. <i>Nonlinear Dynamics</i> , 2022, 109, 57-75.	2.7	5
4	The Role of Telocytes and Telocyte-Derived Exosomes in the Development of Thoracic Aortic Aneurysm. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4730.	1.8	9
5	Metastatic colorectal carcinoma-associated fibroblasts have immunosuppressive properties related to increased IGFBP2 expression. <i>Cancer Letters</i> , 2022, 540, 215737.	3.2	10
6	Neoadjuvant immunotherapy in gastrointestinal cancers – The new standard of care?. <i>Seminars in Cancer Biology</i> , 2022, 86, 834-850.	4.3	12
7	Interim analysis of neoadjuvant chemoradiotherapy with sequential ipilimumab and nivolumab in rectal cancer (CHINOREC): A prospective randomized, open-label, multicenter, phase II clinical trial.. <i>Journal of Clinical Oncology</i> , 2022, 40, e15604-e15604.	0.8	2
8	Early Postoperative Basal Insulin Therapy versus Standard of Care for the Prevention of Diabetes Mellitus after Kidney Transplantation: A Multicenter Randomized Trial. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2083-2098.	3.0	21
9	Estimation of exogenous drivers to predict COVID-19 pandemic using a method from nonlinear control theory. <i>Nonlinear Dynamics</i> , 2021, 106, 1111-1125.	2.7	7
10	Systematic review of the immunological landscape of Wilms tumors. <i>Molecular Therapy - Oncolytics</i> , 2021, 22, 454-467.	2.0	25
11	Telocytes in the human ascending aorta: Characterization and exosome-related KLF4/VEGF-A expression. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9697-9709.	1.6	13
12	Stromal fibroblasts shape the myeloid phenotype in normal colon and colorectal cancer and induce CD163 and CCL2 expression in macrophages. <i>Cancer Letters</i> , 2021, 520, 184-200.	3.2	40
13	P04.04...Programmed death-ligand 1 positron emission tomography imaging during neoadjuvant (chemo)radiotherapy in esophageal and rectal cancer (PETNEC): a prospective non-randomized open-label single-center pilot study. , 2021, , .		1
14	Advancing Biomarker Development Through Convergent Engagement: Summary Report of the 2nd International Danube Symposium on Biomarker Development, Molecular Imaging and Applied Diagnostics; March 14-16, 2018; Vienna, Austria. <i>Molecular Imaging and Biology</i> , 2020, 22, 47-65.	1.3	4
15	Mesenteric granulomas independently predict long-term risk of surgical recurrence in Crohn's disease. <i>Colorectal Disease</i> , 2020, 22, 170-177.	0.7	7
16	Plasma metabolites associated with colorectal cancer stage: Findings from an international consortium. <i>International Journal of Cancer</i> , 2020, 146, 3256-3266.	2.3	26
17	Radiotherapy as a Backbone for Novel Concepts in Cancer Immunotherapy. <i>Cancers</i> , 2020, 12, 79.	1.7	29
18	Long interspersed element-1 ribonucleoprotein particles protect telomeric ends in alternative lengthening of telomeres dependent cells. <i>Neoplasia</i> , 2020, 22, 61-75.	2.3	13

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19	Circulating Folate and Folic Acid Concentrations: Associations With Colorectal Cancer Recurrence and Survival. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkaa051.	1.4	9
20	Sixth Immunotherapy of Cancer conference (ITOC): advances and perspectivesâ€”a meeting report. , 2020, 8, e000268.		0
21	The Immune Phenotype of Isolated Lymphoid Structures in Non-Tumorous Colon Mucosa Encrypts the Information on Pathobiology of Metastatic Colorectal Cancer. <i>Cancers</i> , 2020, 12, 3117.	1.7	7
22	Short-course radiotherapy promotes pro-inflammatory macrophages via extracellular vesicles in human rectal cancer. , 2020, 8, e000667.		24
23	Crohnâ€™s disease: prevalence, MR features, and clinical significance of enteric and colonic sinus tracts. <i>European Radiology</i> , 2020, 30, 5358-5366.	2.3	7
24	From threat to cure: understanding of virus-induced cell death leads to highly immunogenic oncolytic influenza viruses. <i>Cell Death Discovery</i> , 2020, 6, 48.	2.0	18
25	Restoration of intestinal continuity after stoma formation for Crohnâ€™s disease in the era of biological therapy. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 12-18.	1.0	4
26	Histone deacetylase inhibitors valproic acid and vorinostat enhance trastuzumab-mediated antibody-dependent cell-mediated phagocytosis. , 2020, 8, e000195.		25
27	Surgical Complexity and Outcome During the Implementation Phase of a Robotic Colorectal Surgery Programâ€”A Retrospective Cohort Study. <i>Frontiers in Oncology</i> , 2020, 10, 603216.	1.3	9
28	Treatment Guided By Next Generation Functional Drug Screening Provides Clinical Benefit in Advanced Aggressive Hematological Malignancies: Final Evaluation of the Open Label, Single Arm Exalt Trial. <i>Blood</i> , 2020, 136, 2-4.	0.6	1
29	Landscape and Dynamics of Single Immune Cells in Hepatocellular Carcinoma. <i>Cell</i> , 2019, 179, 829-845.e20.	13.5	897
30	Impact of Fibroblast-Derived SPARC on Invasiveness of Colorectal Cancer Cells. <i>Cancers</i> , 2019, 11, 1421.	1.7	21
31	Plasma metabolites associated with colorectal cancer: A discoveryâ€”replication strategy. <i>International Journal of Cancer</i> , 2019, 145, 1221-1231.	2.3	42
32	Outcome of no oral antibiotic prophylaxis and bowel preparation in Crohnâ€™s diseases surgery. <i>Wiener Klinische Wochenschrift</i> , 2019, 131, 113-119.	1.0	4
33	Immunological differences between colorectal cancer and normal mucosa uncover a prognostically relevant immune cell profile. <i>Oncolmmunology</i> , 2019, 8, e1537693.	2.1	38
34	FGF8 induces therapy resistance in neoadjuvantly radiated rectal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 77-86.	1.2	13
35	Inactivation of mTORC2 in macrophages is a signature of colorectal cancer that promotes tumorigenesis. <i>JCI Insight</i> , 2019, 4, .	2.3	19
36	Prognostic value of preoperative neutrophil-to-lymphocyte ratio in Crohnâ€™s disease. <i>Wiener Klinische Wochenschrift</i> , 2018, 130, 398-403.	1.0	13

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37	[ <sup>18</sup> F]FEPPA: Improved Automated Radiosynthesis, Binding Affinity, and Preliminary in Vitro Evaluation in Colorectal Cancer. ACS Medicinal Chemistry Letters, 2018, 9, 177-181.	1.3	15
38	Reshaping a multimode laser beam into a constructed Gaussian beam for generating a thin light sheet. Journal of Biophotonics, 2018, 11, e201700213.	1.1	3
39	The modified Glasgow prognostic score in Crohn's disease "does it predict short-term outcome?. European Surgery - Acta Chirurgica Austriaca, 2018, 50, 177-182.	0.3	0
40	Delta albumin is a better prognostic marker for complications following laparoscopic intestinal resection for Crohn's disease than albumin alone " A retrospective cohort study. PLoS ONE, 2018, 13, e0206911.	1.1	12
41	Circulating Free Methylated Tumor DNA Markers for Sensitive Assessment of Tumor Burden and Early Response Monitoring in Patients Receiving Systemic Chemotherapy for Colorectal Cancer Liver Metastasis. Annals of Surgery, 2018, 268, 894-902.	2.1	69
42	Preclinical <i>In Vitro</i> and <i>In Vivo</i> Evaluation of [ <sup>18</sup> F]FE@SUPPY for Cancer PET Imaging: Limitations of a Xenograft Model for Colorectal Cancer. Contrast Media and Molecular Imaging, 2018, 2018, 1-9.	0.4	5
43	A role of LINE-1 in telomere regulation. Frontiers in Bioscience - Landmark, 2018, 23, 1310-1319.	3.0	11
44	DNA damage predicts prognosis and treatment response in colorectal liver metastases superior to immunogenic cell death and T cells. Theranostics, 2018, 8, 3198-3213.	4.6	18
45	Telomere Biology and Thoracic Aortic Aneurysm. International Journal of Molecular Sciences, 2018, 19, 3.	1.8	29
46	Visceral fat area measured with computed tomography does not predict postoperative course in Crohn's disease patients. PLoS ONE, 2018, 13, e0202220.	1.1	11
47	A randomized controlled trial-based algorithm for insulin-pump therapy in hyperglycemic patients early after kidney transplantation. PLoS ONE, 2018, 13, e0193569.	1.1	11
48	Leukocyte telomere length throughout the continuum of colorectal carcinogenesis. Oncotarget, 2018, 9, 13582-13592.	0.8	7
49	Oncolytic influenza A virus expressing interleukin-15 decreases tumor growth <i>in vivo</i> . Surgery, 2017, 161, 735-746.	1.0	31
50	Viruses comprise an extensive pool of mobile genetic elements in eukaryote cell cultures and human clinical samples. FASEB Journal, 2017, 31, 1987-2000.	0.2	69
51	Targeting an Oncolytic Influenza A Virus to Tumor Tissue by Elastase. Molecular Therapy - Oncolytics, 2017, 7, 37-44.	2.0	12
52	Exploring Metabolic Configurations of Single Cells within Complex Tissue Microenvironments. Cell Metabolism, 2017, 26, 788-800.e6.	7.2	81
53	Autophagy regulates apoptosis on the level of the death-inducing signalling complex. FEBS Journal, 2017, 284, 1967-1969.	2.2	7
54	In Situ Characterization of Tissue-Resident Immune Cells by MALDI Mass Spectrometry Imaging. Journal of Proteome Research, 2017, 16, 65-76.	1.8	37

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55	Human cytomegalovirus infection downregulates vitamin-D receptor in mammalian cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 356-362.	1.2	22
56	Bayesian and frequentist analysis of an Austrian genome-wide association study of colorectal cancer and advanced adenomas. <i>Oncotarget</i> , 2017, 8, 98623-98634.	0.8	23
57	Prognostic value of <sc>HMGB</sc>1 in early breast cancer patients under neoadjuvant chemotherapy. <i>Cancer Medicine</i> , 2016, 5, 2350-2358.	1.3	34
58	ÂLUBAC deficiency perturbs TLR3 signaling to cause immunodeficiency and autoinflammation. <i>Journal of Experimental Medicine</i> , 2016, 213, 2671-2689.	4.2	79
59	LINE-1 induces hTERT and ensures telomere maintenance in tumour cell lines. <i>Oncogene</i> , 2016, 35, 94-104.	2.6	58
60	Cancer Cell-Autonomous TRAIL-R Signaling Promotes KRAS-Driven Cancer Progression, Invasion, and Metastasis. <i>Cancer Cell</i> , 2015, 27, 561-573.	7.7	173
61	Interleukin-24 inhibits influenza A virus replication in vitro through induction of toll-like receptor 3 dependent apoptosis. <i>Antiviral Research</i> , 2015, 123, 93-104.	1.9	19
62	Potential of DNA methylation in rectal cancer as diagnostic and prognostic biomarkers. <i>British Journal of Cancer</i> , 2015, 113, 1035-1045.	2.9	25
63	Stromal Expression of Heat-Shock Protein 27 Is Associated with Worse Clinical Outcome in Patients with Colorectal Cancer Lung Metastases. <i>PLoS ONE</i> , 2015, 10, e0120724.	1.1	26
64	Surgical recurrence in Crohnâ€™s disease: Are we getting better?. <i>World Journal of Gastroenterology</i> , 2015, 21, 6097.	1.4	16
65	B Cells and Ectopic Follicular Structures: Novel Players in Anti-Tumor Programming with Prognostic Power for Patients with Metastatic Colorectal Cancer. <i>PLoS ONE</i> , 2014, 9, e99008.	1.1	86
66	Adaptive mutation in nuclear export protein allows stable transgene expression in a chimaeric influenza A virus vector. <i>Journal of General Virology</i> , 2014, 95, 337-349.	1.3	11
67	Trastuzumab mediates antibody-dependent cell-mediated cytotoxicity and phagocytosis to the same extent in both adjuvant and metastatic HER2/neu breast cancer patients. <i>Journal of Translational Medicine</i> , 2013, 11, 307.	1.8	137
68	IL-24 sensitizes tumor cells to TLR3-mediated apoptosis. <i>Cell Death and Differentiation</i> , 2013, 20, 823-833.	5.0	25
69	Plasma <sc>HMGB</sc>â€1 after the initial dose of epirubicin/docetaxel in cancer. <i>European Journal of Clinical Investigation</i> , 2013, 43, 286-291.	1.7	29
70	The Combined Use of Known Antiviral Reverse Transcriptase Inhibitors AZT and DDI Induce Anticancer Effects at Low Concentrations. <i>Neoplasia</i> , 2012, 14, 44-53.	2.3	22
71	Intermediate Monocytes but Not TIE2-Expressing Monocytes Are a Sensitive Diagnostic Indicator for Colorectal Cancer. <i>PLoS ONE</i> , 2012, 7, e44450.	1.1	41
72	Reply: Modulation of plasma complement by the initial dose of epirubicin/docetaxel therapy in breast cancer and its predictive value. <i>British Journal of Cancer</i> , 2011, 104, 543-544.	2.9	1

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73	Pelvic organ function and quality of life after anastomotic leakage following rectal cancer surgery. <i>Wiener Klinische Wochenschrift</i> , 2011, 123, 53-57.	1.0	21
74	Establishment of a Chimeric, Replication-Deficient Influenza A Virus Vector by Modulation of Splicing Efficiency. <i>Journal of Virology</i> , 2011, 85, 2469-2473.	1.5	19
75	Endo-sponge assisted treatment of anastomotic leakage following colorectal surgery. <i>Colorectal Disease</i> , 2010, 12, e104-8.	0.7	38
76	Mesh Graft Infection Following Abdominal Hernia Repair: Risk Factor Evaluation and Strategies of Mesh Graft Preservation. A Retrospective Analysis of 476 Operations. <i>World Journal of Surgery</i> , 2010, 34, 1702-1709.	0.8	121
77	Modulation of plasma complement by the initial dose of epirubicin/docetaxel therapy in breast cancer and its predictive value. <i>British Journal of Cancer</i> , 2010, 103, 1201-1208.	2.9	31
78	A Novel Type of Influenza Vaccine: Safety and Immunogenicity of Replication-Deficient Influenza Virus Created by Deletion of the Interferon Antagonist NS1. <i>Journal of Infectious Diseases</i> , 2010, 201, 354-362.	1.9	118
79	Recurrent abscess after primary successful endo-sponge treatment of anastomotic leakage following rectal surgery. <i>World Journal of Gastroenterology</i> , 2010, 16, 4570.	1.4	35
80	Endogenous expression of proteases in colon cancer cells facilitate influenza A viruses mediated oncolysis. <i>Cancer Biology and Therapy</i> , 2010, 10, 592-599.	1.5	9
81	Influenza A Virus Induces an Immediate Cytotoxic Activity in All Major Subsets of Peripheral Blood Mononuclear Cells. <i>PLoS ONE</i> , 2009, 4, e4122.	1.1	11
82	Improvement of a dendritic cell-based tumour vaccine by an influenza virus. <i>European Journal of Clinical Investigation</i> , 2009, 39, 1000-1009.	1.7	2
83	CLO97, A TLR7/8 LIGAND, INHIBITS TLR-4-DEPENDENT ACTIVATION OF IRAK-M AND BCL-3 EXPRESSION. <i>Shock</i> , 2009, 32, 484-490.	1.0	18
84	Preclinical Evaluation of a Replication-Deficient Intranasal $\Delta$ NS1 H5N1 Influenza Vaccine. <i>PLoS ONE</i> , 2009, 4, e5984.	1.1	66
85	Identification of a Melanoma Marker Derived from Melanoma-Associated Endogenous Retroviruses. <i>Cancer Research</i> , 2006, 66, 1658-1663.	0.4	40
86	Hereditary colorectal cancer "guidelines for clinical routine. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2006, 38, 59-62.	0.3	0
87	Efficiency of the revised Bethesda guidelines (2003) for the detection of mutations in mismatch repair genes in Austrian HNPCC patients. <i>International Journal of Cancer</i> , 2006, 118, 1465-1470.	2.3	22
88	Spectrum of germ-line MLH1 and MSH2 mutations in Austrian patients with hereditary nonpolyposis colorectal cancer. <i>Wiener Klinische Wochenschrift</i> , 2005, 117, 269-277.	1.0	11
89	Interferon resistance promotes oncolysis by influenza virus NS1-deletion mutants. <i>International Journal of Cancer</i> , 2004, 110, 15-21.	2.3	54
90	The early response of p53-dependent proteins during radiotherapy in human rectal carcinoma and in adjacent normal tissue. <i>International Journal of Oncology</i> , 2003, 23, 1269-75.	1.4	2

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91	Continuous Therapeutic Epinephrine but not Norepinephrine Prolongs Splanchnic IL-6 Production in Porcine Endotoxic Shock. <i>Shock</i> , 2003, 20, 575-581.	1.0	17
92	TP53 Genotype but Not p53 Immunohistochemical Result Predicts Response to Preoperative Short-Term Radiotherapy in Rectal Cancer. <i>Annals of Surgery</i> , 2002, 235, 493-498.	2.1	78
93	Adaptation of the vacuum-assisted closure system for laparostomy. <i>British Journal of Surgery</i> , 2002, 87, 950-950.	0.1	0
94	Immunomodulatory effects of vasoactive catecholamines. <i>Wiener Klinische Wochenschrift</i> , 2002, 114, 752-61.	1.0	31
95	Postoperative glycyl-glutamine infusion reduces immunosuppression: partial prevention of the surgery induced decrease in HLA-DR expression on monocytes. <i>Clinical Nutrition</i> , 2001, 20, 37-42.	2.3	54
96	Der geriatrische Patient aus chirurgischer Sicht - Periphere arterielle Verschlusskrankheit. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2001, 33, 228-230.	0.3	0
97	A genetically engineered influenza A virus with ras-dependent oncolytic properties. <i>Cancer Research</i> , 2001, 61, 8188-93.	0.4	83
98	Long-term evaluation of proliferative donor antigen-specific reactivity in cadaveric kidney transplant recipients. <i>Transplant International</i> , 2000, 13, 187-193.	0.8	4
99	Long-term evaluation of proliferative donor antigen-specific reactivity in cadaveric kidney transplant recipients. <i>Transplant International</i> , 2000, 13, 187-193.	0.8	2
100	Catecholamines up-regulate lipopolysaccharide-induced IL-6 production in human microvascular endothelial cells. <i>FASEB Journal</i> , 2000, 14, 1093-1100.	0.2	70
101	Influenza Virus NS1 Protein Counteracts PKR-Mediated Inhibition of Replication. <i>Journal of Virology</i> , 2000, 74, 6203-6206.	1.5	328
102	ATTENUATION OF CATECHOLAMINE-INDUCED IMMUNOSUPPRESSION IN WHOLE BLOOD FROM PATIENTS WITH SEPSIS. <i>Shock</i> , 1999, 12, 421-427.	1.0	75
103	Preoperative TNM-classification is a better prognostic indicator for recurrence of hepatocellular carcinoma after liver transplantation than albumin mRNA in peripheral blood. <i>Journal of Hepatology</i> , 1998, 28, 497-503.	1.8	14
104	Mutations in the nonconserved noncoding sequences of the influenza A virus segments affect viral vRNA formation. <i>Virus Research</i> , 1996, 44, 23-31.	1.1	32
105	The relative amount of an influenza A virus segment present in the viral particle is not affected by a reduction in replication of that segment. <i>Journal of General Virology</i> , 1995, 76, 3211-3215.	1.3	20
106	Mechanism of attenuation of a chimeric influenza A/B transfectant virus. <i>Journal of Virology</i> , 1992, 66, 4679-4685.	1.5	38