

Burkhard Brandt

List of Publications by Year in descending order

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94
papers

7,985
citations

71102

41
h-index

48315

88
g-index

97
all docs

97
docs citations

97
times ranked

11301
citing authors

#	ARTICLE	IF	CITATIONS
1	MALAT-1, a novel noncoding RNA, and thymosin β 4 predict metastasis and survival in early-stage non-small cell lung cancer. <i>Oncogene</i> , 2003, 22, 8031-8041.	5.9	1,986
2	Detection, clinical relevance and specific biological properties of disseminating tumour cells. <i>Nature Reviews Cancer</i> , 2008, 8, 329-340.	28.4	1,087
3	Modulation of Epidermal Growth Factor Receptor Gene Transcription by a Polymorphic Dinucleotide Repeat in Intron 1. <i>Journal of Biological Chemistry</i> , 1999, 274, 13176-13180.	3.4	338
4	Common Adult Stem Cells in the Human Breast Give Rise to Glandular and Myoepithelial Cell Lineages: A New Cell Biological Concept. <i>Laboratory Investigation</i> , 2002, 82, 737-745.	3.7	252
5	HER2-Positive Circulating Tumor Cells Indicate Poor Clinical Outcome in Stage I to III Breast Cancer Patients. <i>Clinical Cancer Research</i> , 2006, 12, 1715-1720.	7.0	249
6	Cytogenetic Alterations and Cytokeratin Expression Patterns in Breast Cancer: Integrating a New Model of Breast Differentiation into Cytogenetic Pathways of Breast Carcinogenesis. <i>Laboratory Investigation</i> , 2002, 82, 1525-1533.	3.7	221
7	The origin of vimentin expression in invasive breast cancer: epithelial \rightarrow mesenchymal transition, myoepithelial histogenesis or histogenesis from progenitor cells with bilinear differentiation potential?. <i>Journal of Pathology</i> , 2005, 206, 451-457.	4.5	189
8	Effectiveness of hydroxyapatite-vancomycin bone cement in the treatment of Staphylococcus aureus induced chronic osteomyelitis. <i>Biomaterials</i> , 2005, 26, 5251-5258.	11.4	157
9	HIF1-alpha overexpression indicates a good prognosis in early stage squamous cell carcinomas of the oral floor. <i>BMC Cancer</i> , 2005, 5, 84.	2.6	115
10	Pro-Inflammatory wnt5a and Anti-Inflammatory sFRP5 Are Differentially Regulated by Nutritional Factors in Obese Human Subjects. <i>PLoS ONE</i> , 2012, 7, e32437.	2.5	108
11	Mechanisms of egfr Gene Transcription Modulation: Relationship to Cancer Risk and Therapy Response. <i>Clinical Cancer Research</i> , 2006, 12, 7252-7260.	7.0	101
12	Cytokeratin 8/18 expression indicates a poor prognosis in squamous cell carcinomas of the oral cavity. <i>BMC Cancer</i> , 2006, 6, 10.	2.6	99
13	Cancer Cell Motility \rightarrow On the Road from c-erbB-2 Receptor Steered Signaling to Actin Reorganization. <i>Experimental Cell Research</i> , 2002, 272, 93-108.	2.6	97
14	Allelic length of a CA dinucleotide repeat in the egfr gene correlates with the frequency of amplifications of this sequence \rightarrow first results of an inter-ethnic breast cancer study. <i>Journal of Pathology</i> , 2004, 203, 545-550.	4.5	94
15	Recombinant antibody toxins specific for ErbB2 and EGF receptor inhibit their in vitro growth of human head and neck cancer cells and cause rapid tumor regression in vivo. <i>International Journal of Cancer</i> , 2000, 86, 269-275.	5.1	92
16	Discovery of a Novel Unfolded Protein Response Phenotype of Cancer Stem/Progenitor Cells from the Bone Marrow of Breast Cancer Patients. <i>Journal of Proteome Research</i> , 2010, 9, 3158-3168.	3.7	89
17	Evaluation of an in situ setting injectable calcium phosphate as a new carrier material for gentamicin in the treatment of chronic osteomyelitis: Studies in vitro and in vivo. <i>Biomaterials</i> , 2004, 25, 4287-4295.	11.4	87
18	An immunological enrichment method for epithelial cells from peripheral blood. <i>Journal of Immunological Methods</i> , 1995, 183, 251-265.	1.4	83

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19	Impact of free prostate-specific antigen on discordant measurement results of assays for total prostate-specific antigen. <i>Urology</i> , 1996, 48, 10-15.	1.0	81
20	Prognostic impact of Cyfra21-1 and other serum markers in completely resected non-small cell lung cancer. <i>Lung Cancer</i> , 2002, 36, 265-270.	2.0	79
21	Distinct functional roles of Akt isoforms for proliferation, survival, migration and EGF-mediated signalling in lung cancer derived disseminated tumor cells. <i>Cellular Signalling</i> , 2011, 23, 1952-1960.	3.6	76
22	Modification of Breast Cancer Risk in Young Women by a Polymorphic Sequence in the egfr Gene. <i>Cancer Research</i> , 2004, 64, 7-12.	0.9	73
23	Amplifications of the epidermal growth factor receptor gene (egfr) are common in phyllodes tumors of the breast and are associated with tumor progression. <i>Laboratory Investigation</i> , 2006, 86, 54-61.	3.7	73
24	<i>BRCA1</i> Loss Preexisting in Small Subpopulations of Prostate Cancer Is Associated with Advanced Disease and Metastatic Spread to Lymph Nodes and Peripheral Blood. <i>Clinical Cancer Research</i> , 2010, 16, 3340-3348.	7.0	73
25	Gene dosage PCR and fluorescence in situ hybridization reveal low frequency of egfr amplifications despite protein overexpression in invasive breast carcinoma. <i>Laboratory Investigation</i> , 2004, 84, 582-587.	3.7	71
26	Discordance of assay methods creates pitfalls for the interpretation of prostate-specific antigen values. <i>Prostate</i> , 1996, 29, 3-16.	2.3	70
27	Isolation of blood-borne epithelium-derived c-erbB-2 oncoprotein-positive clustered cells from the peripheral blood of breast cancer patients. , 1998, 76, 824-828.		70
28	Asynchronous Growth of Prostate Cancer Is Reflected by Circulating Tumor Cells Delivered from Distinct, Even Small Foci, Harboring Loss of Heterozygosity of the PTEN Gene. <i>Cancer Research</i> , 2006, 66, 8959-8965.	0.9	65
29	Comparative methodological analysis of erbB-2/HER-2 gene dosage, chromosomal copy number and protein overexpression in breast carcinoma tissues for diagnostic use. <i>Histopathology</i> , 2000, 37, 411-419.	2.9	63
30	Molecular targeted therapies for breast cancer treatment. <i>Breast Cancer Research</i> , 2008, 10, 211.	5.0	63
31	Characterization of hybrid cells derived from spontaneous fusion events between breast epithelial cells exhibiting stem-like characteristics and breast cancer cells. <i>Clinical and Experimental Metastasis</i> , 2011, 28, 75-90.	3.3	63
32	Frequent Genetic Alterations in EGFR- and HER2-Driven Pathways in Breast Cancer Brain Metastases. <i>American Journal of Pathology</i> , 2013, 183, 83-95.	3.8	63
33	Distinct amplification of an untranslated regulatory sequence in the egfr gene contributes to early steps in breast cancer development. <i>Cancer Research</i> , 2003, 63, 1172-8.	0.9	61
34	Selection of Potentially Metastatic Subpopulations Expressing c-erbB-2 from Breast Cancer Tissue by Use of an Extravasation Model. <i>American Journal of Pathology</i> , 1998, 153, 1797-1806.	3.8	58
35	Trimodality treatment in Stage III nonsmall cell lung carcinoma. <i>Cancer</i> , 2002, 94, 2055-2062.	4.1	51
36	Ploidy, expression of erbB1, erbB2, P53 and amplification of erbB1, erbB2 and erbB3 in non-small cell lung cancer. <i>European Respiratory Journal</i> , 2000, 16, 991-996.	6.7	48

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37	Two-Dimensional Differential Gel Electrophoresis of a Cell Line Derived from a Breast Cancer Micrometastasis Revealed a Stem/Progenitor Cell Protein Profile. <i>Journal of Proteome Research</i> , 2009, 8, 2004-2014.	3.7	48
38	Squalene epoxidase, located on chromosome 8q24.1, is upregulated in 8q+ breast cancer and indicates poor clinical outcome in stage I and II disease. <i>British Journal of Cancer</i> , 2008, 99, 774-780.	6.4	47
39	Risk estimation of distant metastasis in node-negative, estrogen receptor-positive breast cancer patients using an RT-PCR based prognostic expression signature. <i>BMC Cancer</i> , 2008, 8, 339.	2.6	47
40	Cell cycle regulating proteins p21 and p27 in prognosis of oral squamous cell carcinomas. <i>Oncology Reports</i> , 2007, 17, 355-9.	2.6	44
41	Prognostic relevance of aberrations in the erbB oncogenes from breast, ovarian, oral and lung cancers: Double-differential polymerase chain reaction (ddPCR) for clinical diagnosis. <i>Gene</i> , 1995, 159, 35-42.	2.2	42
42	Circulating tumor cells: potential markers of minimal residual disease in ovarian cancer? a study of the OVCAD consortium. <i>Oncotarget</i> , 2017, 8, 106415-106428.	1.8	42
43	Cytokeratin alteration in oral leukoplakia and oral squamous cell carcinoma. <i>Oncology Reports</i> , 2007, 18, 639-43.	2.6	41
44	The clinical impact of different assays for prostate specific antigen. <i>BJU International</i> , 2001, 86, 590-597.	2.5	40
45	Inositol 1,4,5-Trisphosphate 3-Kinase-A Is a New Cell Motility-promoting Protein That Increases the Metastatic Potential of Tumor Cells by Two Functional Activities. <i>Journal of Biological Chemistry</i> , 2010, 285, 5541-5554.	3.4	40
46	The erbB oncogenes as prognostic markers in oral squamous cell carcinomas. <i>American Journal of Surgery</i> , 1996, 172, 681-683.	1.8	39
47	Antitumour effects of PLC- $\hat{\gamma}$ 1-(SH2)2-TAT fusion proteins on EGFR/c-erbB-2-positive breast cancer cells. <i>British Journal of Cancer</i> , 2004, 90, 230-235.	6.4	39
48	Epidermal Growth Factor Receptor Expression in High-Grade Osteosarcomas Is Associated with a Good Clinical Outcome. <i>Clinical Cancer Research</i> , 2007, 13, 2998-3005.	7.0	38
49	Cellular and Tumor Radiosensitivity is Correlated to Epidermal Growth Factor Receptor Protein Expression Level in Tumors Without EGFR Amplification. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 1181-1188.	0.8	38
50	TOB1 Is Regulated by EGF-Dependent HER2 and EGFR Signaling, Is Highly Phosphorylated, and Indicates Poor Prognosis in Node-Negative Breast Cancer. <i>Cancer Research</i> , 2009, 69, 5049-5056.	0.9	37
51	AKT3 regulates ErbB2, ErbB3 and estrogen receptor $\hat{\pm}$ expression and contributes to endocrine therapy resistance of ErbB2+ breast tumor cells from Balb-neuT mice. <i>Cellular Signalling</i> , 2014, 26, 1021-1029.	3.6	37
52	Comparison of prostate-specific antigen (PSA) measured by four combinations of free PSA and total PSA assays. <i>Clinical Chemistry</i> , 1997, 43, 1588-1594.	3.2	33
53	In vitro and in vivo imaging of cell migration: Two interdependent methods to unravel metastasis formation. <i>Seminars in Cancer Biology</i> , 2005, 15, 396-404.	9.6	33
54	Detection and clinical relevance of early disseminated breast cancer cells depend on their cytokeratin expression pattern. <i>Breast Cancer Research and Treatment</i> , 2011, 125, 729-738.	2.5	33

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55	Double-differential PCR for gene dosage estimation of erbB oncogenes in benign and cancer tissues and comparison to cellular DNA content. <i>Gene</i> , 1995, 159, 29-34.	2.2	32
56	Deciphering a subgroup of breast carcinomas with putative progression of grade during carcinogenesis revealed by comparative genomic hybridisation (CGH) and immunohistochemistry. <i>British Journal of Cancer</i> , 2004, 90, 1422-1428.	6.4	32
57	15 α -Hydroxyprostaglandin dehydrogenase associates with poor prognosis in breast cancer, induces epithelial \rightarrow mesenchymal transition, and promotes cell migration in cultured breast cancer cells. <i>Journal of Pathology</i> , 2012, 226, 674-686.	4.5	32
58	Semi-Quantitative Immunochromatographic Test for Prostate Specific Antigen in Whole Blood: Tossing the Coin to Predict Prostate Cancer?. <i>European Urology</i> , 2003, 43, 478-484.	1.9	31
59	Decay-accelerating factor (CD55): A versatile acting molecule in human malignancies. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2006, 1766, 42-52.	7.4	30
60	Quantitative High-Resolution Genomic Analysis of Single Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e26362.	2.5	30
61	Expression of early placenta insulin-like growth factor in breast cancer cells provides an autocrine loop that predominantly enhances invasiveness and motility. <i>Endocrine-Related Cancer</i> , 2005, 12, 823-837.	3.1	29
62	Influence of whole arm loss of chromosome 16q on gene expression patterns in oestrogen receptor α -positive, invasive breast cancer. <i>Journal of Pathology</i> , 2011, 224, 517-528.	4.5	28
63	EGFR as a stable marker of prostate cancer dissemination to bones. <i>British Journal of Cancer</i> , 2020, 123, 1767-1774.	6.4	27
64	Do Modifications of Nonequimolar Assays for Total Prostate-specific Antigen Improve Detection of Prostate Cancer?. <i>Clinical Chemistry</i> , 2001, 47, 1472-1475.	3.2	26
65	Biological importance of a polymorphic CA sequence within intron 1 of the epidermal growth factor receptor gene (<i>EGFR</i>) in high grade central osteosarcomas. <i>Genes Chromosomes and Cancer</i> , 2008, 47, 657-664.	2.8	26
66	Differential Expression of Alternatively Spliced c-erbB-2 mRNA in Primary Tumors, Lymph Node Metastases, and Bone Marrow Micrometastases from Breast Cancer Patients. <i>Biochemical and Biophysical Research Communications</i> , 1998, 247, 319-323.	2.1	24
67	The Expression and Action of Decay-Accelerating Factor (CD55) in Human Malignancies and Cancer Therapy. <i>Analytical Cellular Pathology</i> , 2006, 28, 223-232.	1.4	21
68	Allelic Imbalances of the <i>egfr</i> Gene as Key Events in Breast Cancer Progression \rightarrow the Concept of Committed Progenitor Cells. <i>Current Cancer Drug Targets</i> , 2008, 8, 431-445.	1.6	21
69	Immunophenotyping of Lymphocytes in Bronchoalveolar Lavage Fluid. <i>Chest</i> , 1995, 108, 464-469.	0.8	20
70	Competitive-Differential Polymerase Chain Reaction for Gene Dosage Estimation of <i>erbB-1</i> (<i>egfr</i>), <i>erbB-2</i> , and <i>erbB-3</i> Oncogenes. <i>DNA and Cell Biology</i> , 1997, 16, 443-448.	1.9	20
71	3D-extravasation model \rightarrow selection of highly motile and metastatic cancer cells. <i>Seminars in Cancer Biology</i> , 2005, 15, 387-395.	9.6	19
72	Selective regain of <i>egfr</i> gene copies in CD44+/CD24-/low breast cancer cellular model MDA-MB-468. <i>BMC Cancer</i> , 2010, 10, 78.	2.6	19

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73	Early placenta insulin-like growth factor (pro-EPIL) is overexpressed and secreted by c-erbB-2-positive cells with high invasion potential. <i>Cancer Research</i> , 2002, 62, 1020-4.	0.9	19
74	Genome-Wide Investigation of Multifocal and Unifocal Prostate Cancer – Are They Genetically Different?. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11816-11829.	4.1	18
75	Exploring Prostate Cancer Genome Reveals Simultaneous Losses of PTEN, FAS and PAPSS2 in Patients with PSA Recurrence after Radical Prostatectomy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3856-3869.	4.1	15
76	ALDH1-positive intratumoral stromal cells indicate differentiated epithelial-like phenotype and good prognosis in prostate cancer. <i>Translational Research</i> , 2019, 203, 49-56.	5.0	13
77	Combining Free and Total Prostate Specific Antigen Assays from Different Manufacturers: The Pitfalls. <i>European Urology</i> , 2002, 42, 577-582.	1.9	12
78	Catenin expression in T1/2 carcinomas of the floor of the mouth. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2005, 34, 907-911.	1.5	12
79	Somatic aberrations of BRCA1 gene are associated with ALDH1, EGFR, and tumor progression in prostate cancer. <i>International Journal of Cancer</i> , 2019, 144, 607-614.	5.1	11
80	Site-specific chromatin immunoprecipitation: a selective method to individually analyze neighboring transcription factor binding sites in vivo. <i>BMC Research Notes</i> , 2012, 5, 109.	1.4	10
81	The Long-Term Prognostic Significance of Circulating Tumor Cells in Ovarian Cancer – A Study of the OVCAD Consortium. <i>Cancers</i> , 2021, 13, 2613.	3.7	10
82	Longitudinal Analysis of Circulating Tumor Cells in Colorectal Cancer Patients by a Cytological and Molecular Approach: Feasibility and Clinical Application. <i>Frontiers in Oncology</i> , 2021, 11, 646885.	2.8	10
83	Detection of the metastatic potential of blood-borne and immunomagnetically enriched epithelial cells by quantitative erbB-2 RT-PCR. <i>Clinical and Experimental Metastasis</i> , 1996, 14, 399-408.	3.3	8
84	A New Modification of the Chiron ACS Assay for Total Prostate-Specific Antigen Achieves Equimolar Response Characteristics and Improves the Detection of Prostate Cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 90-4.	2.3	8
85	Selective expression of a splice variant of decay-accelerating factor in c-erbB-2-positive mammary carcinoma cells showing increased transendothelial invasiveness. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 318-323.	2.1	8
86	Systematic analysis of in vitro chemosensitivity and mib-1 expression in molecular breast cancer subtypes. <i>European Journal of Cancer</i> , 2012, 48, 2066-2074.	2.8	7
87	Low Numbers of Vascular Vessels Correlate to Progression in Hormone-Naïve Prostate Carcinomas Undergoing Radical Prostatectomy. <i>Cancers</i> , 2019, 11, 1356.	3.7	7
88	Density Gradient Centrifugation of Colonic Fluid After Segmental Lavage: A Method of Purification of Exfoliative Epithelial Colonic Cells for Cytological Interpretation and Image Cytometry in Patients With Long-Standing Ulcerative Colitis. <i>American Journal of Gastroenterology</i> , 1999, 94, 404-409.	0.4	6
89	BRCAness in prostate cancer. <i>Oncotarget</i> , 2019, 10, 2421-2422.	1.8	6
90	EGFR intron-1 CA repeat polymorphism is a predictor of relapse and survival in complete resected only surgically treated esophageal cancer. <i>Targeted Oncology</i> , 2014, 9, 43-52.	3.6	5

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91	Low Tumor-to-Stroma Ratio Reflects Protective Role of Stroma against Prostate Cancer Progression. Journal of Personalized Medicine, 2021, 11, 1088.	2.5	3
92	(CA)n Microsatellite polymorphism of ERBB-1 in breast cancer. European Journal of Cancer, 2006, 42, 1698-1701.	2.8	2
93	Improvements in the Analysis Strategy Make Single Nucleotide Polymorphism Analysis a Powerful Tool in the Detection and Characterization of Amplified Chromosomal Regions in Human Tumors. Pathobiology, 2006, 73, 18-25.	3.8	1
94	Recombinant antibody toxins specific for ErbB2 and EGF receptor inhibit the in vitro growth of human head and neck cancer cells and cause rapid tumor regression in vivo. , 2000, 86, 269.		1