

# Balazs Dome

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95  
papers

2,451  
citations

29  
h-index

46  
g-index

97  
ext. papers

2,963  
ext. citations

6.4  
avg, IF

4.44  
L-index

#	Paper	IF	Citations
95	Alternative vascularization mechanisms in cancer: Pathology and therapeutic implications. <i>American Journal of Pathology</i> , <b>2007</b> , 170, 1-15	5.8	304
94	Vessel co-option is common in human lung metastases and mediates resistance to anti-angiogenic therapy in preclinical lung metastasis models. <i>Journal of Pathology</i> , <b>2017</b> , 241, 362-374	9.4	119
93	Vascularization of cutaneous melanoma involves vessel co-option and has clinical significance. <i>Journal of Pathology</i> , <b>2002</b> , 197, 355-62	9.4	98
92	SPAG6 and L1TD1 are transcriptionally regulated by DNA methylation in non-small cell lung cancers. <i>Molecular Cancer</i> , <b>2017</b> , 16, 1	42.1	90
91	Apelin expression in human non-small cell lung cancer: role in angiogenesis and prognosis. <i>Journal of Thoracic Oncology</i> , <b>2010</b> , 5, 1120-9	8.9	88
90	Clinical significance of genetic alterations and expression of epidermal growth factor receptor (EGFR) in head and neck squamous cell carcinomas. <i>Oral Oncology</i> , <b>2011</b> , 47, 487-96	4.4	71
89	Afatinib restrains K-RAS-driven lung tumorigenesis. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	70
88	Apelin promotes lymphangiogenesis and lymph node metastasis. <i>Oncotarget</i> , <b>2014</b> , 5, 4426-37	3.3	67
87	Cell migration or cytokinesis and proliferation?--revisiting the "go or grow" hypothesis in cancer cells in vitro. <i>Experimental Cell Research</i> , <b>2013</b> , 319, 3094-103	4.2	65
86	Distinct Epidemiology and Clinical Consequence of Classic Versus Rare EGFR Mutations in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , <b>2015</b> , 10, 738-746	8.9	63
85	Angiogenesis-dependent diseases and angiogenesis therapy. <i>Pathology and Oncology Research</i> , <b>2001</b> , 7, 85-94	2.6	59
84	Subtype-specific KRAS mutations in advanced lung adenocarcinoma: a retrospective study of patients treated with platinum-based chemotherapy. <i>European Journal of Cancer</i> , <b>2014</b> , 50, 1819-1828	7.5	57
83	Circulating endothelial cells, bone marrow-derived endothelial progenitor cells and proangiogenic hematopoietic cells in cancer: From biology to therapy. <i>Critical Reviews in Oncology/Hematology</i> , <b>2009</b> , 69, 108-24	7	55
82	--LUBAC deficiency perturbs TLR3 signaling to cause immunodeficiency and autoinflammation. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 2671-2689	16.6	51
81	Limited Tumor Tissue Drug Penetration Contributes to Primary Resistance against Angiogenesis Inhibitors. <i>Theranostics</i> , <b>2017</b> , 7, 400-412	12.1	49
80	A new mechanism for pillar formation during tumor-induced intussusceptive angiogenesis: inverse sprouting. <i>American Journal of Pathology</i> , <b>2011</b> , 179, 1573-85	5.8	49
79	KRAS-mutation incidence and prognostic value are metastatic site-specific in lung adenocarcinoma: poor prognosis in patients with KRAS mutation and bone metastasis. <i>Scientific Reports</i> , <b>2017</b> , 7, 39721	4.9	48

78	Fibulin-3 levels in malignant pleural mesothelioma are associated with prognosis but not diagnosis. <i>British Journal of Cancer</i> , <b>2015</b> , 113, 963-9	8.7	48
77	Apelin inhibition prevents resistance and metastasis associated with anti-angiogenic therapy. <i>EMBO Molecular Medicine</i> , <b>2019</b> , 11, e9266	12	45
76	Fibroblast growth factor receptor inhibition is active against mesothelioma and synergizes with radio- and chemotherapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 763-72	10.2	45
75	Mechanism of tumour vascularization in experimental lung metastases. <i>Journal of Pathology</i> , <b>2015</b> , 235, 384-96	9.4	44
74	A novel concept of glomeruloid body formation in experimental cerebral metastases. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2003</b> , 62, 655-61	3.1	36
73	High circulating activin A level is associated with tumor progression and predicts poor prognosis in lung adenocarcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 13388-99	3.3	35
72	A clonal expression biomarker associates with lung cancer mortality. <i>Nature Medicine</i> , <b>2019</b> , 25, 1540-1548	8.5	34
71	JAK-STAT inhibition impairs K-RAS-driven lung adenocarcinoma progression. <i>International Journal of Cancer</i> , <b>2019</b> , 145, 3376-3388	7.5	34
70	Lack of angiogenesis in experimental brain metastases. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2011</b> , 70, 979-91	3.1	34
69	Development of arterial blood supply in experimental liver metastases. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 835-43	5.8	34
68	Lung cancer in never smokers. <i>Future Oncology</i> , <b>2011</b> , 7, 1195-211	3.6	30
67	Current therapy of KRAS-mutant lung cancer. <i>Cancer and Metastasis Reviews</i> , <b>2020</b> , 39, 1159-1177	9.6	29
66	Evaluating the significance of density, localization, and PD-1/PD-L1 immunopositivity of mononuclear cells in the clinical course of lung adenocarcinoma patients with brain metastasis. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 1058-1067	1	27
65	Epigenetic down-regulation of integrin $\alpha 5$ increases migratory potential and confers poor prognosis in malignant pleural mesothelioma. <i>Journal of Pathology</i> , <b>2015</b> , 237, 203-14	9.4	23
64	Recombinant human erythropoietin alpha improves the efficacy of radiotherapy of a human tumor xenograft, affecting tumor cells and microvessels. <i>Strahlentherapie Und Onkologie</i> , <b>2008</b> , 184, 1-7	4.3	21
63	Oncolytic influenza A virus expressing interleukin-15 decreases tumor growth in vivo. <i>Surgery</i> , <b>2017</b> , 161, 735-746	3.6	20
62	DNA methylation of microRNA-coding genes in non-small-cell lung cancer patients. <i>Journal of Pathology</i> , <b>2018</b> , 245, 387-398	9.4	19
61	Erythropoietin in cancer: an update. <i>Current Molecular Medicine</i> , <b>2008</b> , 8, 481-91	2.5	19

60	Stromal expression of heat-shock protein 27 is associated with worse clinical outcome in patients with colorectal cancer lung metastases. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120724	3.7	19
59	FGF2 and EGF induce epithelial-mesenchymal transition in malignant pleural mesothelioma cells via a MAPKinase/MMP1 signal. <i>Carcinogenesis</i> , <b>2018</b> , 39, 534-545	4.6	18
58	DNA methylation transcriptionally regulates the putative tumor cell growth suppressor ZNF677 in non-small cell lung cancers. <i>Oncotarget</i> , <b>2015</b> , 6, 394-408	3.3	18
57	The FAK inhibitor BI 853520 inhibits spheroid formation and orthotopic tumor growth in malignant pleural mesothelioma. <i>Journal of Molecular Medicine</i> , <b>2019</b> , 97, 231-242	5.5	18
56	Mechanisms of vascularization in murine models of primary and metastatic tumor growth. <i>Chinese Journal of Cancer</i> , <b>2016</b> , 35, 19		17
55	Circulating activin A is a novel prognostic biomarker in malignant pleural mesothelioma - A multi-institutional study. <i>European Journal of Cancer</i> , <b>2016</b> , 63, 64-73	7.5	17
54	Prenylation inhibition-induced cell death in melanoma: reduced sensitivity in BRAF mutant/PTEN wild-type melanoma cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117021	3.7	17
53	A protein deep sequencing evaluation of metastatic melanoma tissues. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123661	3.7	17
52	Erythropoietin receptor expression is a potential prognostic factor in human lung adenocarcinoma. <i>PLoS ONE</i> , <b>2013</b> , 8, e77459	3.7	17
51	PD-L1 Expression of Lung Cancer Cells, Unlike Infiltrating Immune Cells, Is Stable and Unaffected by Therapy During Brain Metastasis. <i>Clinical Lung Cancer</i> , <b>2019</b> , 20, 363-369.e2	4.9	16
50	BARD1 serum autoantibodies for the detection of lung cancer. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182356	3.7	15
49	Tumor necrosis correlates with PD-L1 and PD-1 expression in lung adenocarcinoma. <i>Acta Oncologica</i> , <b>2019</b> , 58, 1087-1094	3.2	14
48	Massive withdrawal symptoms and affective vulnerability are associated with variants of the CHRNA4 gene in a subgroup of smokers. <i>PLoS ONE</i> , <b>2014</b> , 9, e87141	3.7	14
47	Molecular profiles of small cell lung cancer subtypes: therapeutic implications. <i>Molecular Therapy - Oncolytics</i> , <b>2021</b> , 20, 470-483	6.4	13
46	Trabectedin Is Active against Malignant Pleural Mesothelioma Cell and Xenograft Models and Synergizes with Chemotherapy and Bcl-2 Inhibition In Vitro. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 2357-2369	6.1	12
45	Pan-RAF and MEK vertical inhibition enhances therapeutic response in non-V600 BRAF mutant cells. <i>BMC Cancer</i> , <b>2018</b> , 18, 542	4.8	12
44	Profiling the Protein Targets of Unmodified Bio-Active Molecules with Drug Affinity Responsive Target Stability and Liquid Chromatography/Tandem Mass Spectrometry. <i>Proteomics</i> , <b>2020</b> , 20, e1900325	4.8	11
43	Nintedanib Is Active in Malignant Pleural Mesothelioma Cell Models and Inhibits Angiogenesis and Tumor Growth. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 3729-3740	12.9	11

42	KRAS Mutations Predict Response and Outcome in Advanced Lung Adenocarcinoma Patients Receiving First-Line Bevacizumab and Platinum-Based Chemotherapy. <i>Cancers</i> , <b>2019</b> , 11,	6.6	11
41	Circulating complement component 4d (C4d) correlates with tumor volume, chemotherapeutic response and survival in patients with malignant pleural mesothelioma. <i>Scientific Reports</i> , <b>2017</b> , 7, 16456	4.9	11
40	3D histopathology of human tumours by fast clearing and ultramicroscopy. <i>Scientific Reports</i> , <b>2020</b> , 10, 17619	4.9	11
39	New insights into the impact of primary lung adenocarcinoma location on metastatic sites and sequence: A multicenter cohort study. <i>Lung Cancer</i> , <b>2018</b> , 126, 139-148	5.9	11
38	Intrathoracic solitary fibrous tumor - an international multicenter study on clinical outcome and novel circulating biomarkers. <i>Scientific Reports</i> , <b>2017</b> , 7, 12557	4.9	10
37	From Bench to Bedside: Attempt to Evaluate Repositioning of Drugs in the Treatment of Metastatic Small Cell Lung Cancer (SCLC). <i>PLoS ONE</i> , <b>2016</b> , 11, e0144797	3.7	10
36	Inhibition of the transcriptional repressor complex Bcl-6/BCoR induces endothelial sprouting but does not promote tumor growth. <i>Oncotarget</i> , <b>2017</b> , 8, 552-564	3.3	10
35	Comparative analysis of prognostic histopathologic parameters in subtypes of epithelioid pleural mesothelioma. <i>Histopathology</i> , <b>2020</b> , 77, 55-66	7.3	9
34	Telomerase Reverse Transcriptase Promoter Mutations Identify a Genomically Defined and Highly Aggressive Human Pleural Mesothelioma Subgroup. <i>Clinical Cancer Research</i> , <b>2020</b> , 26, 3819-3830	12.9	8
33	Lung microbiome composition and bronchial epithelial gene expression in patients with COPD versus healthy individuals: a bacterial 16S rRNA gene sequencing and host transcriptomic analysis.. <i>Lancet Microbe</i> , <b>2021</b> , 2, e300-e310	22.2	8
32	Follistatin impacts Tumor Angiogenesis and Outcome in Thymic Epithelial Tumors. <i>Scientific Reports</i> , <b>2019</b> , 9, 17359	4.9	8
31	HDAC Inhibition Induces PD-L1 Expression in a Novel Anaplastic Thyroid Cancer Cell Line. <i>Pathology and Oncology Research</i> , <b>2020</b> , 26, 2523-2535	2.6	7
30	Prognostic impact of PD-1 and PD-L1 expression in malignant pleural mesothelioma: an international multicenter study. <i>Translational Lung Cancer Research</i> , <b>2021</b> , 10, 1594-1607	4.4	7
29	Proteomic Workflows for High-Quality Quantitative Proteome and Post-Translational Modification Analysis of Clinically Relevant Samples from Formalin-Fixed Paraffin-Embedded Archives. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 1027-1039	5.6	7
28	Lung transplantation in patients with incidental early stage lung cancer-institutional experience of a high volume center. <i>Clinical Transplantation</i> , <b>2016</b> , 30, 912-7	3.8	6
27	Trimodality therapy for Pancoast tumors: T4 is not a contraindication to radical surgery. <i>Journal of Surgical Oncology</i> , <b>2017</b> , 116, 227-235	2.8	5
26	The evidence for and against different modes of tumour cell extravasation in the lung: diapedesis, capillary destruction, necroptosis, and endothelialization. <i>Journal of Pathology</i> , <b>2017</b> , 241, 441-447	9.4	5
25	Proteomic analysis enables distinction of early- versus advanced-stage lung adenocarcinomas. <i>Clinical and Translational Medicine</i> , <b>2020</b> , 10, e106	5.7	5

24	Significance of Primary Tumor Location and Histology for Brain Metastasis Development and Peritumoral Brain Edema in Lung Cancer. <i>Oncology</i> , <b>2016</b> , 91, 237-242	3.6	5
23	Expression of FGFR1-4 in Malignant Pleural Mesothelioma Tissue and Corresponding Cell Lines and its Relationship to Patient Survival and FGFR Inhibitor Sensitivity. <i>Cells</i> , <b>2019</b> , 8,	7.9	4
22	Role of (myo)fibroblasts in the development of vascular and connective tissue structure of the C38 colorectal cancer in mice. <i>Cancer Communications</i> , <b>2018</b> , 38, 46	9.4	4
21	The possible role of maternal bonding style and CHRN2 gene polymorphisms in nicotine dependence and related depressive phenotype. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 59, 84-90	5.5	4
20	Reshaping a multimode laser beam into a constructed Gaussian beam for generating a thin light sheet. <i>Journal of Biophotonics</i> , <b>2018</b> , 11, e201700213	3.1	3
19	Effectiveness of erlotinib treatment in advanced KRAS mutation-negative lung adenocarcinoma patients: Results of a multicenter observational cohort study (MOTIVATE). <i>Lung Cancer</i> , <b>2014</b> , 86, 54-8	5.9	3
18	Apelin promotes blood and lymph vessel formation and the growth of melanoma lung metastasis. <i>Scientific Reports</i> , <b>2021</b> , 11, 5798	4.9	3
17	Down-regulation of A20 promotes immune escape of lung adenocarcinomas. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	3
16	EGFR variant allele frequency predicts EGFR-TKI efficacy in lung adenocarcinoma: a multicenter study. <i>Translational Lung Cancer Research</i> , <b>2021</b> , 10, 662-674	4.4	3
15	The landscape of small cell lung cancer metastases: Organ specificity and timing. <i>Thoracic Cancer</i> , <b>2021</b> , 12, 914-923	3.2	3
14	Donation After Cardiac Death, a Possibility to Expand the Donor Pool: Review and the Hungarian Experience. <i>Transplantation Proceedings</i> , <b>2019</b> , 51, 1276-1280	1.1	2
13	Next-Generation Sequencing May Discriminate Extreme Long-term versus Short-term Survival in Patients with Metastatic Small Cell Lung Cancer (SCLC). <i>Translational Oncology</i> , <b>2019</b> , 12, 1539-1548	4.9	1
12	Lung Transplant Patients on Kilimanjaro. <i>Transplantation Proceedings</i> , <b>2019</b> , 51, 1258-1262	1.1	1
11	Differences in the Epidemiology of Rare EGFR Mutations in Different Populations. <i>Journal of Thoracic Oncology</i> , <b>2016</b> , 11, e19-20	8.9	1
10	Reply to Rare Versus Artifactual EGFR Mutations. <i>Journal of Thoracic Oncology</i> , <b>2015</b> , 10, e80-1	8.9	1
9	Longitudinal analysis of complete blood count parameters in advanced-stage lung cancer patients. <i>Thoracic Cancer</i> , <b>2020</b> , 11, 3193-3204	3.2	1
8	The effects of bisphosphonate and radiation therapy in bone-metastatic lung adenocarcinoma: the impact of KRAS mutation. <i>Translational Lung Cancer Research</i> , <b>2021</b> , 10, 675-684	4.4	1
7	Bone-Specific Metastasis Pattern of Advanced-Stage Lung Adenocarcinoma According to the Localization of the Primary Tumor. <i>Pathology and Oncology Research</i> , <b>2021</b> , 27, 1609926	2.6	1

6	Clinical relevance of circulating activin A and follistatin in small cell lung cancer. <i>Lung Cancer</i> , <b>2021</b> , 161, 128-135	5.9	1
5	Nationwide lung cancer screening with low-dose computed tomography: implementation and first results of the HUNCHEST screening program.. <i>European Radiology</i> , <b>2022</b> , 1	8	0
4	A critical update on prognostic and predictive biomarkers in malignant pleural mesothelioma. <i>Memo - Magazine of European Medical Oncology</i> , <b>2015</b> , 8, 52-56	0.3	
3	Maternal bonding styles in smokers and non-smokers: a comparative study. <i>Annals of General Psychiatry</i> , <b>2016</b> , 15, 32	3.4	
2	Levels of plasma fibulin-3 and accuracy of identifying patients with malignant pleural mesothelioma.. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, e18543-e18543	2.2	
1	Multicellular contractility contributes to the emergence of mesothelioma nodules. <i>Scientific Reports</i> , <b>2020</b> , 10, 20114	4.9	