

Balazs Dome

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1820734/publications.pdf>

Version: 2024-02-01

96
papers

3,549
citations

156536

32
h-index

175968

55
g-index

97
all docs

97
docs citations

97
times ranked

6532
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative Vascularization Mechanisms in Cancer. <i>American Journal of Pathology</i> , 2007, 170, 1-15.	1.9	347
2	SPAG6 and L1TD1 are transcriptionally regulated by DNA methylation in non-small cell lung cancers. <i>Molecular Cancer</i> , 2017, 16, 1.	7.9	196
3	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> , 2017, 241, 362-374.	2.1	162
4	Apelin Expression in Human Non-small Cell Lung Cancer: Role in Angiogenesis and Prognosis. <i>Journal of Thoracic Oncology</i> , 2010, 5, 1120-1129.	0.5	110
5	Vascularization of cutaneous melanoma involves vessel co-option and has clinical significance. <i>Journal of Pathology</i> , 2002, 197, 355-362.	2.1	109
6	Afatinib restrains K-RAS-driven lung tumorigenesis. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	99
7	Cell migration or cytokinesis and proliferation? Revisiting the ego or grow hypothesis in cancer cells in vitro. <i>Experimental Cell Research</i> , 2013, 319, 3094-3103.	1.2	84
8	Apelin promotes lymphangiogenesis and lymph node metastasis. <i>Oncotarget</i> , 2014, 5, 4426-4437.	0.8	81
9	ILUBAC deficiency perturbs TLR3 signaling to cause immunodeficiency and autoinflammation. <i>Journal of Experimental Medicine</i> , 2016, 213, 2671-2689.	4.2	79
10	A clonal expression biomarker associates with lung cancer mortality. <i>Nature Medicine</i> , 2019, 25, 1540-1548.	15.2	75
11	Angiogenesis-dependent diseases and angiogenesis therapy. <i>Pathology and Oncology Research</i> , 2001, 7, 85-94.	0.9	74
12	Clinical significance of genetic alterations and expression of epidermal growth factor receptor (EGFR) in head and neck squamous cell carcinomas. <i>Oral Oncology</i> , 2011, 47, 487-496.	0.8	73
13	Apelin inhibition prevents resistance and metastasis associated with anti-angiogenic therapy. <i>EMBO Molecular Medicine</i> , 2019, 11, e9266.	3.3	72
14	Limited Tumor Tissue Drug Penetration Contributes to Primary Resistance against Angiogenesis Inhibitors. <i>Theranostics</i> , 2017, 7, 400-412.	4.6	71
15	Distinct Epidemiology and Clinical Consequence of Classic Versus Rare EGFR Mutations in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2015, 10, 738-746.	0.5	70
16	Subtype-specific KRAS mutations in advanced lung adenocarcinoma: A retrospective study of patients treated with platinum-based chemotherapy. <i>European Journal of Cancer</i> , 2014, 50, 1819-1828.	1.3	68
17	Fibulin-3 levels in malignant pleural mesothelioma are associated with prognosis but not diagnosis. <i>British Journal of Cancer</i> , 2015, 113, 963-969.	2.9	68
18	Current therapy of KRAS-mutant lung cancer. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 1159-1177.	2.7	66

#	ARTICLE	IF	CITATIONS
19	Molecular profiles of small cell lung cancer subtypes: Therapeutic implications. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 470-483.	2.0	64
20	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> , 2017, 7, 39721.	1.6	62
21	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> , The, 2021, 2, e300-e310.	3.4	60
22	A New Mechanism for Pillar Formation during Tumor-Induced Intussusceptive Angiogenesis: Inverse Sprouting. <i>American Journal of Pathology</i> , 2011, 179, 1573-1585.	1.9	59
23	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> , 2014, 190, 763-772.	2.5	59
24	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> , 2009, 69, 108-124.	2.0	58
25	JAK-STAT inhibition impairs KRAS-driven lung adenocarcinoma progression. <i>International Journal of Cancer</i> , 2019, 145, 3376-3388.	2.3	54
26	Mechanism of tumour vascularization in experimental lung metastases. <i>Journal of Pathology</i> , 2015, 235, 384-396.	2.1	53
27	High circulating activin A level is associated with tumor progression and predicts poor prognosis in lung adenocarcinoma. <i>Oncotarget</i> , 2016, 7, 13388-13399.	0.8	50
28	A Novel Concept of Glomeruloid Body Formation in Experimental Cerebral Metastases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 655-661.	0.9	39
29	Development of Arterial Blood Supply in Experimental Liver Metastases. <i>American Journal of Pathology</i> , 2009, 175, 835-843.	1.9	39
30	Lung cancer in never smokers. <i>Future Oncology</i> , 2011, 7, 1195-1211.	1.1	39
31	3D histopathology of human tumours by fast clearing and ultramicroscopy. <i>Scientific Reports</i> , 2020, 10, 17619.	1.6	39
32	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> , 2017, 19, 1058-1067.	0.6	38
33	Lack of Angiogenesis in Experimental Brain Metastases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 979-991.	0.9	37
34	FGF2 and EGF induce epithelial-mesenchymal transition in malignant pleural mesothelioma cells via a MAPKinase/MMP1 signal. <i>Carcinogenesis</i> , 2018, 39, 534-545.	1.3	32
35	Oncolytic influenza A virus expressing interleukin-15 decreases tumor growth in vivo. <i>Surgery</i> , 2017, 161, 735-746.	1.0	31
36	The FAK inhibitor BI 853520 inhibits spheroid formation and orthotopic tumor growth in malignant pleural mesothelioma. <i>Journal of Molecular Medicine</i> , 2019, 97, 231-242.	1.7	29

#	ARTICLE	IF	CITATIONS
37	Recombinant Human Erythropoietin alpha Improves the Efficacy of Radiotherapy of a Human Tumor Xenograft, Affecting Tumor Cells and Microvessels. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 1-7.	1.0	28
38	Epigenetic down-regulation of integrin $\beta 7$ increases migratory potential and confers poor prognosis in malignant pleural mesothelioma. <i>Journal of Pathology</i> , 2015, 237, 203-214.	2.1	28
39	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> , 2019, 20, 363-369.e2.	1.1	28
40	DNA methylation transcriptionally regulates the putative tumor cell growth suppressor <i>ZNF677</i> in non-small cell lung cancers. <i>Oncotarget</i> , 2015, 6, 394-408.	0.8	27
41	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
42	Expression patterns and prognostic relevance of subtype-specific transcription factors in surgically resected small cell lung cancer: an international multicenter study. <i>Journal of Pathology</i> , 2022, 257, 674-686.	2.1	26
43	New insights into the impact of primary lung adenocarcinoma location on metastatic sites and sequence: A multicenter cohort study. <i>Lung Cancer</i> , 2018, 126, 139-148.	0.9	25
44	Nintedanib Is Active in Malignant Pleural Mesothelioma Cell Models and Inhibits Angiogenesis and Tumor Growth <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2018, 24, 3729-3740.	3.2	24
45	Mechanisms of vascularization in murine models of primary and metastatic tumor growth. <i>Chinese Journal of Cancer</i> , 2016, 35, 19.	4.9	23
46	DNA methylation of microRNA-coding genes in non-small cell lung cancer patients. <i>Journal of Pathology</i> , 2018, 245, 387-398.	2.1	23
47	Telomerase Reverse Transcriptase Promoter Mutations Identify a Genomically Defined and Highly Aggressive Human Pleural Mesothelioma Subgroup. <i>Clinical Cancer Research</i> , 2020, 26, 3819-3830.	3.2	23
48	Tumor necrosis correlates with PD-L1 and PD-1 expression in lung adenocarcinoma. <i>Acta Oncologica</i> , 2019, 58, 1087-1094.	0.8	22
49	Erythropoietin in Cancer: An Update. <i>Current Molecular Medicine</i> , 2008, 8, 481-491.	0.6	21
50	Circulating activin A is a novel prognostic biomarker in malignant pleural mesothelioma – A multi-institutional study. <i>European Journal of Cancer</i> , 2016, 63, 64-73.	1.3	21
51	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> , 2021, 20, 1027-1039.	1.8	20
52	Prenylation Inhibition-Induced Cell Death in Melanoma: Reduced Sensitivity in BRAF Mutant/PTEN Wild-Type Melanoma Cells. <i>PLoS ONE</i> , 2015, 10, e0117021.	1.1	19
53	A Protein Deep Sequencing Evaluation of Metastatic Melanoma Tissues. <i>PLoS ONE</i> , 2015, 10, e0123661.	1.1	19
54	Trimodality therapy for Pancoast tumors: T4 is not a contraindication to radical surgery. <i>Journal of Surgical Oncology</i> , 2017, 116, 227-235.	0.8	19

#	ARTICLE	IF	CITATIONS
55	KRAS Mutations Predict Response and Outcome in Advanced Lung Adenocarcinoma Patients Receiving First-Line Bevacizumab and Platinum-Based Chemotherapy. <i>Cancers</i> , 2019, 11, 1514.	1.7	19
56	BARD1 serum autoantibodies for the detection of lung cancer. <i>PLoS ONE</i> , 2017, 12, e0182356.	1.1	18
57	Profiling the Protein Targets of Unmodified Bioactive Molecules with Drug Affinity Responsive Target Stability and Liquid Chromatography/Tandem Mass Spectrometry. <i>Proteomics</i> , 2020, 20, e1900325.	1.3	18
58	Trabectedin Is Active against Malignant Pleural Mesothelioma Cell and Xenograft Models and Synergizes with Chemotherapy and Bcl-2 Inhibition <i>In Vitro</i> . <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2357-2369.	1.9	17
59	EGFR variant allele frequency predicts EGFR-TKI efficacy in lung adenocarcinoma: a multicenter study. <i>Translational Lung Cancer Research</i> , 2021, 10, 662-674.	1.3	17
60	Prognostic impact of PD-1 and PD-L1 expression in malignant pleural mesothelioma: an international multicenter study. <i>Translational Lung Cancer Research</i> , 2021, 10, 1594-1607.	1.3	17
61	Erythropoietin Receptor Expression Is a Potential Prognostic Factor in Human Lung Adenocarcinoma. <i>PLoS ONE</i> , 2013, 8, e77459.	1.1	17
62	Pan-RAF and MEK vertical inhibition enhances therapeutic response in non-V600 BRAF mutant cells. <i>BMC Cancer</i> , 2018, 18, 542.	1.1	16
63	Intrathoracic solitary fibrous tumor – an international multicenter study on clinical outcome and novel circulating biomarkers. <i>Scientific Reports</i> , 2017, 7, 12557.	1.6	15
64	HDAC Inhibition Induces PD-L1 Expression in a Novel Anaplastic Thyroid Cancer Cell Line. <i>Pathology and Oncology Research</i> , 2020, 26, 2523-2535.	0.9	15
65	Massive Withdrawal Symptoms and Affective Vulnerability Are Associated with Variants of the CHRNA4 Gene in a Subgroup of Smokers. <i>PLoS ONE</i> , 2014, 9, e87141.	1.1	14
66	The landscape of small cell lung cancer metastases: Organ specificity and timing. <i>Thoracic Cancer</i> , 2021, 12, 914-923.	0.8	14
67	From Bench to Bedside: Attempt to Evaluate Repositioning of Drugs in the Treatment of Metastatic Small Cell Lung Cancer (SCLC). <i>PLoS ONE</i> , 2016, 11, e0144797.	1.1	14
68	Comparative analysis of prognostic histopathologic parameters in subtypes of epithelioid pleural mesothelioma. <i>Histopathology</i> , 2020, 77, 55-66.	1.6	13
69	Apelin promotes blood and lymph vessel formation and the growth of melanoma lung metastasis. <i>Scientific Reports</i> , 2021, 11, 5798.	1.6	13
70	Inhibition of the transcriptional repressor complex Bcl-6/BCoR induces endothelial sprouting but does not promote tumor growth. <i>Oncotarget</i> , 2017, 8, 552-564.	0.8	13
71	Circulating complement component 4d (C4d) correlates with tumor volume, chemotherapeutic response and survival in patients with malignant pleural mesothelioma. <i>Scientific Reports</i> , 2017, 7, 16456.	1.6	12
72	Follistatin impacts Tumor Angiogenesis and Outcome in Thymic Epithelial Tumors. <i>Scientific Reports</i> , 2019, 9, 17359.	1.6	12

#	ARTICLE	IF	CITATIONS
73	Lung transplantation in patients with incidental early stage lung cancer—institutional experience of a high volume center. <i>Clinical Transplantation</i> , 2016, 30, 912-917.	0.8	11
74	Significance of Primary Tumor Location and Histology for Brain Metastasis Development and Peritumoral Brain Edema in Lung Cancer. <i>Oncology</i> , 2016, 91, 237-242.	0.9	10
75	Expression of FGFR1 ^{v4} in Malignant Pleural Mesothelioma Tissue and Corresponding Cell Lines and its Relationship to Patient Survival and FGFR Inhibitor Sensitivity. <i>Cells</i> , 2019, 8, 1091.	1.8	10
76	Down-regulation of A20 promotes immune escape of lung adenocarcinomas. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	10
77	Nationwide lung cancer screening with low-dose computed tomography: implementation and first results of the HUNCHEST screening program. <i>European Radiology</i> , 2022, 32, 4457-4467.	2.3	9
78	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> , 2017, 241, 441-447.	2.1	8
79	Proteomic analysis enables distinction of early—versus advanced—stage lung adenocarcinomas. <i>Clinical and Translational Medicine</i> , 2020, 10, e106.	1.7	7
80	Role of (myo)fibroblasts in the development of vascular and connective tissue structure of the C38 colorectal cancer in mice. <i>Cancer Communications</i> , 2018, 38, 1-11.	3.7	5
81	Bone-Specific Metastasis Pattern of Advanced-Stage Lung Adenocarcinoma According to the Localization of the Primary Tumor. <i>Pathology and Oncology Research</i> , 2021, 27, 1609926.	0.9	5
82	The possible role of maternal bonding style and CHRNA2 gene polymorphisms in nicotine dependence and related depressive phenotype. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 59, 84-90.	2.5	4
83	Effectiveness of erlotinib treatment in advanced KRAS mutation-negative lung adenocarcinoma patients: Results of a multicenter observational cohort study (MOTIVATE). <i>Lung Cancer</i> , 2014, 86, 54-58.	0.9	3
84	Reshaping a multimode laser beam into a constructed Gaussian beam for generating a thin light sheet. <i>Journal of Biophotonics</i> , 2018, 11, e201700213.	1.1	3
85	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> , 2019, 12, 1539-1548.	1.7	3
86	Lung Transplant Patients on Kilimanjaro. <i>Transplantation Proceedings</i> , 2019, 51, 1258-1262.	0.3	3
87	Longitudinal analysis of complete blood count parameters in advanced—stage lung cancer patients. <i>Thoracic Cancer</i> , 2020, 11, 3193-3204.	0.8	3
88	The effects of bisphosphonate and radiation therapy in bone-metastatic lung adenocarcinoma: the impact of KRAS mutation. <i>Translational Lung Cancer Research</i> , 2021, 10, 675-684.	1.3	3
89	Clinical relevance of circulating activin A and follistatin in small cell lung cancer. <i>Lung Cancer</i> , 2021, 161, 128-135.	0.9	3
90	Donation After Cardiac Death, a Possibility to Expand the Donor Pool: Review and the Hungarian Experience. <i>Transplantation Proceedings</i> , 2019, 51, 1276-1280.	0.3	2

#	ARTICLE	IF	CITATIONS
91	Multicellular contractility contributes to the emergence of mesothelioma nodules. Scientific Reports, 2020, 10, 20114.	1.6	2
92	Reply to Rare Versus Artifactual EGFR Mutations. Journal of Thoracic Oncology, 2015, 10, e80-e81.	0.5	1
93	Maternal bonding styles in smokers and non-smokers: a comparative study. Annals of General Psychiatry, 2016, 15, 32.	1.2	1
94	Differences in the Epidemiology of Rare EGFR Mutations in Different Populations. Journal of Thoracic Oncology, 2016, 11, e19-e20.	0.5	1
95	A critical update on prognostic and predictive biomarkers in malignant pleural mesothelioma. Memo - Magazine of European Medical Oncology, 2015, 8, 52-56.	0.3	0
96	Levels of plasma fibulin-3 and accuracy of identifying patients with malignant pleural mesothelioma.. Journal of Clinical Oncology, 2014, 32, e18543-e18543.	0.8	0