Igor Dolgalev

List of Publications by Year
in descending order

73 papers	12,803 citations	109264 35 h-index	110317 64 g-index
79 all docs	79 docs citations	79 times ranked	24096 citing authors

#	Article	IF	Citations
1	Integrative Genomic Profiling of Human Prostate Cancer. Cancer Cell, 2010, 18, 11-22.	7.7	3,151
2	Prognostic Relevance of Integrated Genetic Profiling in Acute Myeloid Leukemia. New England Journal of Medicine, 2012, 366, 1079-1089.	13.9	1,688
3	Mutations inGNA11in Uveal Melanoma. New England Journal of Medicine, 2010, 363, 2191-2199.	13.9	1,312
4	Genetic characterization of TET1, TET2, and TET3 alterations in myeloid malignancies. Blood, 2009, 114, 144-147.	0.6	661
5	The bone marrow microenvironment at single-cell resolution. Nature, 2019, 569, 222-228.	13.7	624
6	The integrated landscape of driver genomic alterations in glioblastoma. Nature Genetics, 2013, 45, 1141-1149.	9.4	524
7	Restoration of TET2 Function Blocks Aberrant Self-Renewal and Leukemia Progression. Cell, 2017, 170, 1079-1095.e20.	13.5	522
8	Keap1 loss promotes Kras-driven lung cancer and results in dependence on glutaminolysis. Nature Medicine, 2017, 23, 1362-1368.	15.2	462
9	The mutational landscape of adenoid cystic carcinoma. Nature Genetics, 2013, 45, 791-798.	9.4	394
10	Diverse and Targetable Kinase Alterations Drive Histiocytic Neoplasms. Cancer Discovery, 2016, 6, 154-165.	7.7	372
11	Whole-Exome Sequencing Reveals Frequent Genetic Alterations in BAP1, NF2, CDKN2A, and CUL1 in Malignant Pleural Mesothelioma. Cancer Research, 2015, 75, 264-269.	0.4	289
12	Hacking macrophage-associated immunosuppression for regulating glioblastoma angiogenesis. Biomaterials, 2018, 161, 164-178.	5.7	184
13	Control of Embryonic Stem Cell Identity by BRD4-Dependent Transcriptional Elongation of Super-Enhancer-Associated Pluripotency Genes. Cell Reports, 2014, 9, 234-247.	2.9	181
14	Concurrent loss of the PTEN and RB1 tumor suppressors attenuates RAF dependence in melanomas harboring V600EBRAF. Oncogene, 2012, 31, 446-457.	2.6	179
15	Both fallopian tube and ovarian surface epithelium are cells-of-origin for high-grade serous ovarian carcinoma. Nature Communications, 2019, 10, 5367.	5.8	154
16	Plakophilin-2 is required for transcription of genes that control calcium cycling and cardiac rhythm. Nature Communications, 2017, 8, 106.	5.8	149
17	SPOP Mutations in Prostate Cancer across Demographically Diverse Patient Cohorts. Neoplasia, 2014, 16, 14-W10.	2.3	145
18	SHP2 inhibition diminishes KRASG12C cycling and promotes tumor microenvironment remodeling. Journal of Experimental Medicine, 2021, 218, .	4.2	138

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19	TGF-Î²-Induced Quiescence Mediates Chemoresistance of Tumor-Propagating Cells in Squamous Cell Carcinoma. Cell Stem Cell, 2017, 21, 650-664.e8.	5.2	119
20	Extensive Remodeling of the Immune Microenvironment in B Cell Acute Lymphoblastic Leukemia. Cancer Cell, 2020, 37, 867-882.e12.	7.7	108
21	BET Bromodomain Inhibition Cooperates with PD-1 Blockade to Facilitate Antitumor Response in Kras-Mutant Nonâ€“Small Cell Lung Cancer. Cancer Immunology Research, 2018, 6, 1234-1245.	1.6	80
22	ULK1 inhibition overcomes compromised antigen presentation and restores antitumor immunity in LKB1-mutant lung cancer. Nature Cancer, 2021, 2, 503-514.	5.7	72
23	Targeted mutational profiling of peripheral T-cell lymphoma not otherwise specified highlights new mechanisms in a heterogeneous pathogenesis. Leukemia, 2015, 29, 237-241.	3.3	68
24	Role of Dysregulated Cytokine Signaling and Bacterial Triggers in the Pathogenesis ofÂCutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2018, 138, 1116-1125.	0.3	68
25	Calorie Restriction Suppresses Age-Dependent Hippocampal Transcriptional Signatures. PLoS ONE, 2015, 10, e0133923.	1.1	62
26	HDAC6 selective inhibition of melanoma patient T-cells augments anti-tumor characteristics. , 2019, 7, 33.		62
27	GPR133 (ADGRD1), an adhesion G-protein-coupled receptor, is necessary for glioblastoma growth. Oncogenesis, 2016, 5, e263-e263.	2.1	60
28	Notch signaling regulates metabolic heterogeneity in glioblastoma stem cells. Oncotarget, 2017, 8, 64932-64953.	0.8	58
29	Regulation of transcriptional elongation in pluripotency and cell differentiation by the PHD-finger protein Phf5a. Nature Cell Biology, 2016, 18, 1127-1138.	4.6	57
30	Variability in Small Airway Epithelial Gene Expression Among Normal Smokers. Chest, 2008, 133, 1344-1353.	0.4	55
31	Recurrent homozygous deletion of DROSHA and microduplication of PDE4DIP in pineoblastoma. Nature Communications, 2018, 9, 2868.	5.8	54
32	Connecting the Dots: Resolving the Bone Marrow Niche Heterogeneity. Frontiers in Cell and Developmental Biology, 2021, 9, 622519.	1.8	51
33	Genetically Defined, Syngeneic Organoid Platform for Developing Combination Therapies for Ovarian Cancer. Cancer Discovery, 2021, 11, 362-383.	7.7	50
34	H3K27me3 dynamics dictate evolving uterine states in pregnancy and parturition. Journal of Clinical Investigation, 2017, 128, 233-247.	3.9	45
35	Leukemia-on-a-chip: Dissecting the chemoresistance mechanisms in B cell acute lymphoblastic leukemia bone marrow niche. Science Advances, 2020, 6, .	4.7	44
36	The E3 ubiquitin ligase SPOP controls resolution of systemic inflammation by triggering MYD88 degradation. Nature Immunology, 2019, 20, 1196-1207.	7.0	42

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37	De novo mutations from sporadic schizophrenia cases highlight important signaling genes in an independent sample. Schizophrenia Research, 2015, 166, 119-124.	1.1	41
38	Responses of the human airway epithelium transcriptome to in vivo injury. Physiological Genomics, 2007, 29, 139-148.	1.0	37
39	Micro<scp>RNA</scp>â€125a promotes resistance to <scp>BRAF</scp> inhibitors through suppression of the intrinsic apoptotic pathway. Pigment Cell and Melanoma Research, 2017, 30, 328-338.	1.5	34
40	Modulating mitofusins to control mitochondrial function and signaling. Nature Communications, 2022, 13, .	5.8	31
41	Complete Genome Sequence of Kluyvera intestini sp. nov., Isolated from the Stomach of a Patient with Gastric Cancer. Genome Announcements, 2017, 5, .	0.8	26
42	Rare variants in the neurotrophin signaling pathway implicated in schizophrenia risk. Schizophrenia Research, 2015, 168, 421-428.	1.1	25
43	ATDC binds to KEAP1 to drive NRF2-mediated tumorigenesis and chemoresistance in pancreatic cancer. Genes and Development, 2021, 35, 218-233.	2.7	23
44	Low-Coverage Exome Sequencing Screen in Formalin-Fixed Paraffin-Embedded Tumors Reveals Evidence of Exposure to Carcinogenic Aristolochic Acid. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1873-1881.	1.1	21
45	The fecal, oral, and skin microbiota of children with Chagas disease treated with benznidazole. PLoS ONE, 2019, 14, e0212593.	1.1	21
46	Oncogenes overexpressed in metastatic oral cancers from patients with pain: potential pain mediators released in exosomes. Scientific Reports, 2020, 10, 14724.	1.6	21
47	ATDC is required for the initiation of KRAS-induced pancreatic tumorigenesis. Genes and Development, 2019, 33, 641-655.	2.7	20
48	Innate Î±Î² T Cells Mediate Antitumor Immunity by Orchestrating Immunogenic Macrophage Programming. Cancer Discovery, 2019, 9, 1288-1305.	7.7	19
49	Huntingtonâ€™s Disease Protein Huntingtin Associates with its own mRNA. Journal of Huntington's Disease, 2016, 5, 39-51.	0.9	18
50	Targeting the Atf7ipâ€“Setdb1 Complex Augments Antitumor Immunity by Boosting Tumor Immunogenicity. Cancer Immunology Research, 2021, 9, 1298-1315.	1.6	18
51	The histone demethylase PHF8 regulates TGFÎ² signaling and promotes melanoma metastasis. Science Advances, 2022, 8, eabi7127.	4.7	17
52	Siah2 control of T-regulatory cells limits anti-tumor immunity. Nature Communications, 2020, 11, 99.	5.8	15
53	Complications After Adult Spinal Deformity Surgeries: All Are Not Created Equal. International Journal of Spine Surgery, 2021, 15, 137-143.	0.7	15
54	Functional Genomic Analysis Identifies Indoxyl Sulfate as a Major, Poorly Dialyzable Uremic Toxin in End-Stage Renal Disease. PLoS ONE, 2015, 10, e0118703.	1.1	14

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55	Functional analysis of RPS27 mutations and expression in melanoma. Pigment Cell and Melanoma Research, 2020, 33, 466-479.	1.5	14
56	Single-Cell RNA Sequencing of Glioblastoma Cells. Methods in Molecular Biology, 2018, 1741, 151-170.	0.4	12
57	Microglandular adenosis is an advanced precursor breast lesion with evidence of molecular progression to matrix-producing metaplastic carcinoma. Human Pathology, 2019, 85, 65-71.	1.1	12
58	DangerTrack: A scoring system to detect difficult-to-assess regions. F1000Research, 2017, 6, 443.	0.8	10
59	Histone H3K36I mutation in a metastatic histiocytic tumor of the skull and response to sarcoma chemotherapy. Journal of Physical Education and Sports Management, 2019, 5, a004606.	0.5	8
60	Pseudarthrosis and Rod Fracture Rates After Transforaminal Lumbar Interbody Fusion at the Caudal Levels of Long Constructs for Adult Spinal Deformity Surgery. World Neurosurgery, 2021, 155, e605-e611.	0.7	7
61	Draft Genome Sequence of Streptococcus halitosis sp. nov., Isolated from the Dorsal Surface of the Tongue of a Patient with Halitosis. Microbiology Resource Announcements, 2019, 8, .	0.3	5
62	High-Throughput Mutational Profiling In AML: Mutational Analysis of the ECOG E1900 Trial. Blood, 2010, 116, 851-851.	0.6	4
63	Next-Generation Sequencing Suggests Complex, Heterogeneous Pathogenesis In Peripheral T-Cell Lymphoma Unspecified. Blood, 2013, 122, 843-843.	0.6	2
64	Case Start Timing of Adult Spinal Deformity Surgeries: Does the Wait Matter?. International Journal of Spine Surgery, 2022, 16, 20-26.	0.7	2
65	STEM-04DEFINING GLIOBLASTOMA STEM CELL HETEROGENEITY. Neuro-Oncology, 2015, 17, v208.4-v209.	0.6	0
66	Revisiting multifocal breast cancer: a clonality study of ductal carcinoma using whole exome sequencing. Human Pathology, 2019, 94, 71-77.	1.1	0
67	Preclinical testing supports combined BET and BRAF inhibition as a promising therapeutic strategy for melanoma.. Journal of Clinical Oncology, 2014, 32, 9072-9072.	0.8	0
68	Diverse and Targetable Kinase Alterations Drive Histiocytic Neoplasms. Blood, 2015, 126, 481-481.	0.6	0
69	Targeted next-generation sequencing of melanoma patient samples to reveal mutations in non-protein coding regions of targetable oncogenes.. Journal of Clinical Oncology, 2016, 34, 9559-9559.	0.8	0
70	Genomic characterization of acral lentiginous melanoma: Identification of altered metabolism as a potential therapeutic target.. Journal of Clinical Oncology, 2016, 34, 9524-9524.	0.8	0
71	Using Whole Exome Sequencing in Pediatric Acute Lymphoblastic Leukemia Germline, Diagnosis, and Relapse Trios to Discover Novel Relapse Enriched Mutations for Clonal Backtracking By Ddpcr. Blood, 2016, 128, 4085-4085.	0.6	0
72	Identification of Old HSCs with Preserved Self-Renewal and Long-Term Reconstitution Potential. Blood, 2019, 134, 2479-2479.	0.6	0

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73	Abstract 6448: Oral cancer pain mediators released in exosomes are oncogenes with potential to shape the microenvironment and induce neuronal sensitivity. , 2020, , .		0