

Hans A Kestler

List of Publications by Year in descending order

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Version: 2024-02-01

267
papers

10,609
citations

36303

51
h-index

40979

93
g-index

311
all docs

311
docs citations

311
times ranked

18564
citing authors

#	ARTICLE	IF	CITATIONS
1	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902.	0.6	615
2	Sequelae of acute myocardial infarction regarding cardiac structure and function and their prognostic significance as assessed by magnetic resonance imaging. <i>European Heart Journal</i> , 2005, 26, 549-557.	2.2	458
3	Three learning phases for radial-basis-function networks. <i>Neural Networks</i> , 2001, 14, 439-458.	5.9	437
4	BoolNet— an R package for generation, reconstruction and analysis of Boolean networks. <i>Bioinformatics</i> , 2010, 26, 1378-1380.	4.1	381
5	MYC stimulates EZH2 expression by repression of its negative regulator miR-26a. <i>Blood</i> , 2008, 112, 4202-4212.	1.4	369
6	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015, 47, 1415-1425.	21.4	365
7	A Differentiation Checkpoint Limits Hematopoietic Stem Cell Self-Renewal in Response to DNA Damage. <i>Cell</i> , 2012, 148, 1001-1014.	28.9	296
8	A canonical to non-canonical Wnt signalling switch in haematopoietic stem-cell ageing. <i>Nature</i> , 2013, 503, 392-396.	27.8	265
9	Insights into Sex Chromosome Evolution and Aging from the Genome of a Short-Lived Fish. <i>Cell</i> , 2015, 163, 1527-1538.	28.9	251
10	NF- κ B controls the global pro-inflammatory response in endothelial cells: evidence for the regulation of a pro-atherogenic program. <i>Nucleic Acids Research</i> , 2005, 33, 5308-5319.	14.5	248
11	Automated array-based genomic profiling in chronic lymphocytic leukemia: Development of a clinical tool and discovery of recurrent genomic alterations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1039-1044.	7.1	221
12	RUNX1 mutations in acute myeloid leukemia are associated with distinct clinico-pathologic and genetic features. <i>Leukemia</i> , 2016, 30, 2160-2168.	7.2	197
13	Transcriptome analysis of microdissected pancreatic intraepithelial neoplastic lesions. <i>Oncogene</i> , 2005, 24, 6626-6636.	5.9	174
14	From individual Wnt pathways towards a Wnt signalling network. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1333-1347.	4.0	165
15	Disclosure of Candidate Genes in Acute Myeloid Leukemia With Complex Karyotypes Using Microarray-Based Molecular Characterization. <i>Journal of Clinical Oncology</i> , 2006, 24, 3887-3894.	1.6	141
16	Genomic DNA-Chip Hybridization Reveals a Higher Incidence of Genomic Amplifications in Pancreatic Cancer than Conventional Comparative Genomic Hybridization and Leads to the Identification of Novel Candidate Genes. <i>Cancer Research</i> , 2004, 64, 4428-4433.	0.9	140
17	Lifestyle impacts on the aging-associated expression of biomarkers of DNA damage and telomere dysfunction in human blood. <i>Aging Cell</i> , 2010, 9, 607-615.	6.7	140
18	Concepts in Boolean network modeling: What do they all mean?. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 571-582.	4.1	128

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19	Genomic DNA-chip hybridization in t(11;14)-positive mantle cell lymphomas shows a high frequency of aberrations and allows a refined characterization of consensus regions. <i>Blood</i> , 2004, 104, 795-801.	1.4	121
20	Wnt/Catenin signaling contributes to stemness and regulates early differentiation in murine embryonic stem cells. <i>FEBS Letters</i> , 2007, 581, 5247-5254.	2.8	113
21	Epigenetic stress responses induce muscle stem-cell ageing by Hoxa9 developmental signals. <i>Nature</i> , 2016, 540, 428-432.	27.8	108
22	Generalized Venn diagrams: a new method of visualizing complex genetic set relations. <i>Bioinformatics</i> , 2005, 21, 1592-1595.	4.1	107
23	Chitinase enzyme activity in CSF is a powerful biomarker of Alzheimer disease. <i>Neurology</i> , 2012, 78, 569-577.	1.1	106
24	Transcriptome analysis of human hepatic and pancreatic stellate cells: organ-specific variations of a common transcriptional phenotype. <i>Journal of Molecular Medicine</i> , 2005, 83, 795-805.	3.9	103
25	Cooperative development of logical modelling standards and tools with CoLoMoTo. <i>Bioinformatics</i> , 2015, 31, 1154-1159.	4.1	98
26	p53 deletion impairs clearance of chromosomal- <i>instable</i> stem cells in aging telomere-dysfunctional mice. <i>Nature Genetics</i> , 2009, 41, 1138-1143.	21.4	96
27	VennMaster: Area-proportional Euler diagrams for functional GO analysis of microarrays. <i>BMC Bioinformatics</i> , 2008, 9, 67.	2.6	89
28	Electrocardiographic and cardiac magnetic resonance imaging parameters as predictors of a worse outcome in patients with idiopathic dilated cardiomyopathy. <i>European Heart Journal</i> , 2009, 30, 2011-2018.	2.2	87
29	Clonal evolution patterns in acute myeloid leukemia with NPM1 mutation. <i>Nature Communications</i> , 2019, 10, 2031.	12.8	87
30	A Boolean Model of the Cardiac Gene Regulatory Network Determining First and Second Heart Field Identity. <i>PLoS ONE</i> , 2012, 7, e46798.	2.5	82
31	Wnt activity and basal niche position sensitize intestinal stem and progenitor cells to DNA damage. <i>EMBO Journal</i> , 2015, 34, 624-640.	7.8	82
32	Significantly improved precision of cell migration analysis in time-lapse video microscopy through use of a fully automated tracking system. <i>BMC Cell Biology</i> , 2010, 11, 24.	3.0	80
33	Early Relapse in ALL Is Identified by Time to Leukemia in NOD/SCID Mice and Is Characterized by a Gene Signature Involving Survival Pathways. <i>Cancer Cell</i> , 2011, 19, 206-217.	16.8	80
34	Further delineation of chromosomal consensus regions in primary mediastinal B-cell lymphomas: an analysis of 37 tumor samples using high-resolution genomic profiling (array-CGH). <i>Leukemia</i> , 2007, 21, 2463-2469.	7.2	78
35	Network modeling of signal transduction: establishing the global view. <i>BioEssays</i> , 2008, 30, 1110-1125.	2.5	77
36	Chromosomal Integration of Adenoviral Vector DNA <i>In Vivo</i> . <i>Journal of Virology</i> , 2010, 84, 9987-9994.	3.4	77

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37	Disruption of Trp53 in Livers of Mice Induces Formation of Carcinomas With Bilineal Differentiation. <i>Gastroenterology</i> , 2012, 142, 1229-1239.e3.	1.3	74
38	A new tool linking human cytomegalovirus drug resistance mutations to resistance phenotypes. <i>Antiviral Research</i> , 2010, 85, 318-327.	4.1	73
39	Molecular radiotherapy: The NUKFIT software for calculating the time-integrated activity coefficient. <i>Medical Physics</i> , 2013, 40, 102504.	3.0	73
40	Reduced Rate of Inpatient Hospital Admissions in 18 German University Hospitals During the COVID-19 Lockdown. <i>Frontiers in Public Health</i> , 2020, 8, 594117.	2.7	73
41	Microarray-based genomic profiling reveals novel genomic aberrations in follicular lymphoma which associate with patient survival and gene expression status. <i>Genes Chromosomes and Cancer</i> , 2009, 48, 39-54.	2.8	70
42	PLAC8 Localizes to the Inner Plasma Membrane of Pancreatic Cancer Cells and Regulates Cell Growth and Disease Progression through Critical Cell-Cycle Regulatory Pathways. <i>Cancer Research</i> , 2016, 76, 96-107.	0.9	69
43	CD69 Regulates Type I IFN-Induced Tolerogenic Signals to Mucosal CD4 T Cells That Attenuate Their Colitogenic Potential. <i>Journal of Immunology</i> , 2012, 188, 2001-2013.	0.8	68
44	Central nervous system involvement in acute lymphoblastic leukemia is mediated by vascular endothelial growth factor. <i>Blood</i> , 2017, 130, 643-654.	1.4	68
45	Telomerase abrogates aneuploidy-induced telomere replication stress, senescence and cell depletion. <i>EMBO Journal</i> , 2015, 34, 1371-1384.	7.8	65
46	Targeting of KRAS mutant tumors by HSP90 inhibitors involves degradation of STK33. <i>Journal of Experimental Medicine</i> , 2012, 209, 697-711.	8.5	63
47	Site-specific methylation of Notch1 controls the amplitude and duration of the Notch1 response. <i>Science Signaling</i> , 2015, 8, ra30.	3.6	62
48	Cardiac Magnetic Resonance Imaging and Transesophageal Echocardiography in Patients With Transcatheter Closure of Patent Foramen Ovale. <i>Journal of the American College of Cardiology</i> , 2006, 48, 322-329.	2.8	59
49	A model of the onset of the senescence associated secretory phenotype after DNA damage induced senescence. <i>PLoS Computational Biology</i> , 2017, 13, e1005741.	3.2	57
50	Cohesin-mediated NF- κ B signaling limits hematopoietic stem cell self-renewal in aging and inflammation. <i>Journal of Experimental Medicine</i> , 2019, 216, 152-175.	8.5	56
51	Multiscale Binarization of Gene Expression Data for Reconstructing Boolean Networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012, 9, 487-498.	3.0	55
52	HSP90 Supports Tumor Growth and Angiogenesis through PRKD2 Protein Stabilization. <i>Cancer Research</i> , 2014, 74, 7125-7136.	0.9	52
53	Comparison of the slow-release polymerbased paclitaxel-eluting Taxus-Express stent with the bare-metal Express stent for saphenous vein graft interventions. <i>Clinical Research in Cardiology</i> , 2007, 96, 70-76.	3.3	51
54	Characterization of patients with acute chest pain using cardiac magnetic resonance imaging. <i>Clinical Research in Cardiology</i> , 2008, 97, 760-767.	3.3	51

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55	The Early Activation Marker CD69 Regulates the Expression of Chemokines and CD4 T Cell Accumulation in Intestine. PLoS ONE, 2013, 8, e65413.	2.5	50
56	Myocardial Perfusion Reserve in Cardiovascular Magnetic Resonance: Correlation to Coronary Microvascular Dysfunction. Journal of Cardiovascular Magnetic Resonance, 2006, 8, 781-787.	3.3	49
57	Synergistic targeting and resistance to PARP inhibition in DNA damage repair-deficient pancreatic cancer. Gut, 2021, 70, 743-760.	12.1	49
58	Extended analyses of the Wnt/ β -catenin pathway: Robustness and oscillatory behaviour. FEBS Letters, 2007, 581, 4043-4048.	2.8	48
59	Increased Reprogramming Capacity of Mouse Liver Progenitor Cells, Compared With Differentiated Liver Cells, Requires the BAF Complex. Gastroenterology, 2012, 142, 907-917.	1.3	47
60	Protein Kinase D1, Reduced in Human Pancreatic Tumors, Increases Secretion of Small Extracellular Vesicles From Cancer Cells That Promote Metastasis to Lung in Mice. Gastroenterology, 2020, 159, 1019-1035.e22.	1.3	47
61	Transient telomere dysfunction induces chromosomal instability and promotes carcinogenesis. Journal of Clinical Investigation, 2012, 122, 2283-2288.	8.2	46
62	Inferring Boolean network structure via correlation. Bioinformatics, 2011, 27, 1529-1536.	4.1	45
63	Specialized DNA Arrays for the Differentiation of Pancreatic Tumors. Clinical Cancer Research, 2005, 11, 8048-8054.	7.0	44
64	Attractors in Boolean networks: a tutorial. Computational Statistics, 2013, 28, 19-36.	1.5	41
65	Expression profiling of the influence of RAS mutants on the TGF β 1-induced phenotype of the pancreatic cancer cell line PANC-1. Genes Chromosomes and Cancer, 2004, 39, 224-235.	2.8	39
66	Integrative nucleophosmin mutation-associated microRNA and gene expression pattern analysis identifies novel microRNA - target gene interactions in acute myeloid leukemia. Haematologica, 2011, 96, 1783-1791.	3.5	39
67	Long-lived rodents reveal signatures of positive selection in genes associated with lifespan. PLoS Genetics, 2018, 14, e1007272.	3.5	39
68	Exploring Deep Physiological Models for Nociceptive Pain Recognition. Sensors, 2019, 19, 4503.	3.8	39
69	Assessment of myocardial perfusion for detection of coronary artery stenoses by steady-state, free-precession magnetic resonance first-pass imaging. Heart, 2007, 93, 1381-1385.	2.9	38
70	Telomerase stimulates ribosomal DNA transcription under hyperproliferative conditions. Nature Communications, 2014, 5, 4599.	12.8	38
71	Boolean modeling identifies Greatwall/MASTL as an important regulator in the AURKA network of neuroblastoma. Cancer Letters, 2016, 371, 79-89.	7.2	38
72	TimeLapseAnalyzer: Multi-target analysis for live-cell imaging and time-lapse microscopy. Computer Methods and Programs in Biomedicine, 2011, 104, 227-234.	4.7	36

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73	Thirty-eight-negative kinase 1 mediates trauma-induced intestinal injury and multi-organ failure. <i>Journal of Clinical Investigation</i> , 2018, 128, 5056-5072.	8.2	36
74	Loss of the novel Vcp (valosin containing protein) interactor Washc4 interferes with autophagy-mediated proteostasis in striated muscle and leads to myopathy <i>in vivo</i> . <i>Autophagy</i> , 2018, 14, 1911-1927.	9.1	35
75	Genetic Factors of the Disease Course After Sepsis: Rare Deleterious Variants Are Predictive. <i>EBioMedicine</i> , 2016, 12, 227-238.	6.1	34
76	Multi-Objective Parameter Selection for Classifiers. <i>Journal of Statistical Software</i> , 2012, 46, .	3.7	33
77	Generating a Wnt switch: itâ€™s all about the right dosage. <i>Journal of Cell Biology</i> , 2011, 193, 431-433.	5.2	32
78	Measuring and visualizing the stability of biomarker selection techniques. <i>Computational Statistics</i> , 2013, 28, 51-65.	1.5	30
79	Reduced cGMP levels in CSF of AD patients correlate with severity of dementia and current depression. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 17.	6.2	30
80	Prediction of venetoclax activity in precursor B-ALL by functional assessment of apoptosis signaling. <i>Cell Death and Disease</i> , 2019, 10, 571.	6.3	29
81	Characterization of the nonallelic homologous recombination hotspot PRS3 associated with type-3 <i>NF1</i> deletions. <i>Human Mutation</i> , 2012, 33, 372-383.	2.5	28
82	Automatic Screening for Perturbations in Boolean Networks. <i>Frontiers in Physiology</i> , 2018, 9, 431.	2.8	28
83	A Boolean network of the crosstalk between IGF and Wnt signaling in aging satellite cells. <i>PLoS ONE</i> , 2018, 13, e0195126.	2.5	27
84	Is there a role for statistics in artificial intelligence?. <i>Advances in Data Analysis and Classification</i> , 2022, 16, 823-846.	1.4	27
85	The phosphatase of regenerating liver 3 (PRL-3) promotes cell migration via Arf-activity dependent stimulation of integrin alpha5 recycling. <i>Journal of Cell Science</i> , 2012, 125, 3883-92.	2.0	26
86	Naked mole-rat transcriptome signatures of socially suppressed sexual maturation and links of reproduction to aging. <i>BMC Biology</i> , 2018, 16, 77.	3.8	26
87	A Prospective Feasibility Trial to Challenge Patientâ€™Derived Pancreatic Cancer Organoids in Predicting Treatment Response. <i>Cancers</i> , 2021, 13, 2539.	3.7	26
88	Visualization of genomic aberrations using Affymetrix SNP arrays. <i>Bioinformatics</i> , 2007, 23, 496-497.	4.1	25
89	Transcriptional profiling suggests that secondary and primary large B-cell lymphomas of the gastrointestinal (GI) tract are blastic variants of GI marginal zone lymphoma. <i>Journal of Pathology</i> , 2007, 211, 305-313.	4.5	25
90	MiR-139-5p is a potent tumor suppressor in adult acute myeloid leukemia. <i>Blood Cancer Journal</i> , 2016, 6, e508-e508.	6.2	25

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91	Two-Stream Attention Network for Pain Recognition from Video Sequences. <i>Sensors</i> , 2020, 20, 839.	3.8	25
92	Classification of spatial textures in benign and cancerous glandular tissues by stereology and stochastic geometry using artificial neural networks. <i>Journal of Microscopy</i> , 2000, 198, 143.	1.8	25
93	Optimal Acquisition Parameters for Contrast Enhanced Magnetic Resonance Imaging After Chronic Myocardial Infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2003, 5, 575-587.	3.3	25
94	De-noising of high-resolution ECG signals by combining the discrete wavelet transform with the Wiener filter. , 0, , .		24
95	Cool-temperature-mediated activation of phospholipase C- β 2 in the human hereditary disease PLAID. <i>Cellular Signalling</i> , 2016, 28, 1237-1251.	3.6	24
96	Big data and precision medicine: challenges and strategies with healthcare data. <i>International Journal of Data Science and Analytics</i> , 2018, 6, 241-249.	4.1	24
97	Reconstructing Boolean network ensembles from single-cell data for unraveling dynamics in the aging of human hematopoietic stem cells. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5321-5332.	4.1	24
98	Cluster Analysis of Comparative Genomic Hybridization (CGH) Data Using Self-Organizing Maps: Application to Prostate Carcinomas. <i>Analytical Cellular Pathology</i> , 2001, 23, 29-37.	2.1	23
99	Representing dynamic biological networks with multi-scale probabilistic models. <i>Communications Biology</i> , 2019, 2, 21.	4.4	23
100	A remark on the high-conductance calcium-activated potassium channel in human endothelial cells. <i>Research in Experimental Medicine</i> , 1998, 198, 133-143.	0.7	22
101	Classification of Prostatic Carcinoma with Artificial Neural Networks Using Comparative Genomic Hybridization and Quantitative Stereological Data. <i>Pathology Research and Practice</i> , 2003, 199, 773-784.	2.3	22
102	DNA microarray analysis in malignant lymphomas. <i>Annals of Hematology</i> , 2003, 82, 323-332.	1.8	22
103	A highly efficient multi-core algorithm for clustering extremely large datasets. <i>BMC Bioinformatics</i> , 2010, 11, 169.	2.6	22
104	A Hierarchy in Reprogramming Capacity in Different Tissue Microenvironments: What We Know and What We Need to Know. <i>Stem Cells and Development</i> , 2013, 22, 695-706.	2.1	22
105	BiTrinAâ€™ multiscale binarization and trinarization with quality analysis. <i>Bioinformatics</i> , 2016, 32, 465-468.	4.1	22
106	A fluorescent reporter for mapping cellular proteinâ€™protein interactions in time and space. <i>Molecular Systems Biology</i> , 2013, 9, 647.	7.2	21
107	Corona Healthâ€™A Study- and Sensor-Based Mobile App Platform Exploring Aspects of the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7395.	2.6	21
108	On the fusion of threshold classifiers for categorization and dimensionality reduction. <i>Computational Statistics</i> , 2011, 26, 321-340.	1.5	20

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109	YAP Activation Drives Liver Regeneration after Cholestatic Damage Induced by Rbpj Deletion. International Journal of Molecular Sciences, 2018, 19, 3801.	4.1	20
110	Radial basis function neural networks and temporal fusion for the classification of bioacoustic time series. Neurocomputing, 2003, 51, 265-275.	5.9	19
111	Multi-objective selection for collecting cluster alternatives. Computational Statistics, 2011, 26, 341-353.	1.5	19
112	Predicting Variabilities in Cardiac Gene Expression with a Boolean Network Incorporating Uncertainty. PLoS ONE, 2015, 10, e0131832.	2.5	18
113	ViSiBool – visualization and simulation of Boolean networks with temporal constraints. Bioinformatics, 2017, 33, 601-604.	4.1	18
114	Implementing FAIR data management within the German Network for Bioinformatics Infrastructure (de.NBI) exemplified by selected use cases. Briefings in Bioinformatics, 2021, 22, .	6.5	18
115	Multimodal Deep Denoising Convolutional Autoencoders for Pain Intensity Classification based on Physiological Signals. , 2020, , .		18
116	Matrix-comparative genomic hybridization from multicenter formalin-fixed paraffin-embedded colorectal cancer tissue blocks. BMC Cancer, 2007, 7, 58.	2.6	17
117	Stability of Signaling Pathways during Aging – A Boolean Network Approach. Biology, 2017, 6, 46.	2.8	17
118	Prediction of the axillary lymph node status in mammary cancer on the basis of clinicopathological data and flow cytometry. Medical and Biological Engineering and Computing, 2004, 42, 733-739.	2.8	16
119	Impact of pioglitazone on coronary endothelial function in non-diabetic patients with coronary artery disease. Clinical Research in Cardiology, 2008, 97, 726-733.	3.3	16
120	On the validity of time-dependent AUC estimators. Briefings in Bioinformatics, 2015, 16, 153-168.	6.5	16
121	Differences in expression and function of LEF1 isoforms in normal versus leukemic hematopoiesis. Leukemia, 2020, 34, 1027-1037.	7.2	16
122	Multi-Modal Pain Intensity Assessment Based on Physiological Signals: A Deep Learning Perspective. Frontiers in Physiology, 2021, 12, 720464.	2.8	16
123	SPLIFF: A Single-Cell Method to Map Protein-Protein Interactions in Time and Space. Methods in Molecular Biology, 2015, 1346, 151-168.	0.9	16
124	Comment on 'Naked mole-rat mortality rates defy Gompertzian laws by not increasing with age'. ELife, 2019, 8, .	6.0	16
125	CHD5 inhibits metastasis of neuroblastoma. Oncogene, 2022, 41, 622-633.	5.9	16
126	ROC with confidence – a Perl program for receiver operator characteristic curves. Computer Methods and Programs in Biomedicine, 2001, 64, 133-136.	4.7	15

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127	On the discovery of events in EEG data utilizing information fusion. <i>Computational Statistics</i> , 2013, 28, 5-18.	1.5	15
128	Systematic Affinity Purification Coupled to Mass Spectrometry Identified p62 as Part of the Cannabinoid Receptor CB2 Interactome. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 224.	2.9	15
129	Inflammatory response of mesenchymal stromal cells after in vivo exposure with selected trauma-related factors and polytrauma serum. <i>PLoS ONE</i> , 2019, 14, e0216862.	2.5	15
130	Prediction of Postoperative Prostatic Cancer Stage on the Basis of Systematic Biopsies using Two Types of Artificial Neural Networks. <i>European Urology</i> , 2001, 39, 530-537.	1.9	14
131	Investigating the self-study phase of an inverted biochemistry classroom – collaborative dyadic learning makes the difference. <i>BMC Medical Education</i> , 2019, 19, 64.	2.4	14
132	Peripheral Cytokine Levels Differ by HPV Status and Change Treatment-Dependently in Patients with Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5990.	4.1	14
133	Interaction Empowerment in Mobile Health: Concepts, Challenges, and Perspectives. <i>JMIR MHealth and UHealth</i> , 2022, 10, e32696.	3.7	14
134	Incidental carcinoma of the prostate: clinicopathological, stereological and immunohistochemical findings studied with logistic regression and self-organizing feature maps. <i>BJU International</i> , 2004, 93, 284-290.	2.5	13
135	Structural RNA alignment by multi-objective optimization. <i>Bioinformatics</i> , 2013, 29, 1607-1613.	4.1	13
136	Antibody Responses to Cancer Antigens Identify Patients with a Poor Prognosis among HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinoma Patients. <i>Clinical Cancer Research</i> , 2019, 25, 7405-7412.	7.0	13
137	Awakening the HSC: Dynamic Modeling of HSC Maintenance Unravels Regulation of the TP53 Pathway and Quiescence. <i>Frontiers in Physiology</i> , 2020, 11, 848.	2.8	13
138	Tissue-, sex-, and age-specific DNA methylation of rat glucocorticoid receptor gene promoter and insulin-like growth factor 2 imprinting control region. <i>Physiological Genomics</i> , 2017, 49, 690-702.	2.3	12
139	The Influence of Multi-class Feature Selection on the Prediction of Diagnostic Phenotypes. <i>Neural Processing Letters</i> , 2018, 48, 863-880.	3.2	12
140	Unraveling the Molecular Tumor-Promoting Regulation of Cofilin-1 in Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 725.	3.7	12
141	Cardiac vulnerability assessment from electrical microvariability of high-resolution electrocardiogram. <i>Medical and Biological Engineering and Computing</i> , 2000, 38, 88-92.	2.8	11
142	Chromosomal Regions in Prostatic Carcinomas Studied by Comparative Genomic Hybridization, Hierarchical Cluster Analysis and Self-Organizing Feature Maps. <i>Analytical Cellular Pathology</i> , 2002, 24, 167-179.	2.1	11
143	Search heuristics and the influence of non-perfect randomness: examining Genetic Algorithms and Simulated Annealing. <i>Computational Statistics</i> , 2011, 26, 303-319.	1.5	11
144	Aneuploidy-inducing gene knockdowns overlap with cancer mutations and identify Orp3 as a B-cell lymphoma suppressor. <i>Oncogene</i> , 2020, 39, 1445-1465.	5.9	11

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145	Inferring Boolean functions via higher-order correlations. <i>Computational Statistics</i> , 2014, 29, 97-115.	1.5	10
146	Elevated Hedgehog activity contributes to attenuated DNA damage responses in aged hematopoietic cells. <i>Leukemia</i> , 2020, 34, 1125-1134.	7.2	10
147	Improved automatic detection of herpesvirus secondary envelopment stages in electron microscopy by augmenting training data with synthetic labelled images generated by a generative adversarial network. <i>Cellular Microbiology</i> , 2021, 23, e13280.	2.1	10
148	Orientation Histograms for Face Recognition. <i>Lecture Notes in Computer Science</i> , 2006, , 253-259.	1.3	10
149	Detecting Ordinal Class Structures. <i>Lecture Notes in Computer Science</i> , 2015, , 100-111.	1.3	10
150	Differentiation of multiple types of pancreatico-biliary tumors by molecular analysis of clinical specimens. <i>Journal of Molecular Medicine</i> , 2012, 90, 457-464.	3.9	9
151	RNA-Pareto: interactive analysis of Pareto-optimal RNA sequence-structure alignments. <i>Bioinformatics</i> , 2013, 29, 3102-3104.	4.1	9
152	Sputnik: <i>ad hoc</i> distributed computation. <i>Bioinformatics</i> , 2015, 31, 1298-1301.	4.1	9
153	Combined microRNA and mRNA microfluidic TaqMan array cards for the diagnosis of malignancy of multiple types of pancreatico-biliary tumors in fine-needle aspiration material. <i>Oncotarget</i> , 2017, 8, 108223-108237.	1.8	9
154	sAPP ² and sAPP [±] increase structural complexity and E/I input ratio in primary hippocampal neurons and alter Ca ²⁺ homeostasis and CREB1-signaling. <i>Experimental Neurology</i> , 2018, 304, 1-13.	4.1	9
155	Biomarker profile for prediction of response to SMAC mimetic monotherapy in pediatric precursor B-cell acute lymphoblastic leukemia. <i>International Journal of Cancer</i> , 2020, 146, 3219-3231.	5.1	9
156	Supporting Medical Staff from Psycho-Oncology with Smart Mobile Devices: Insights into the Development Process and First Results. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5092.	2.6	9
157	Patterns of antibody responses to nonviral cancer antigens in head and neck squamous cell carcinoma patients differ by human papillomavirus status. <i>International Journal of Cancer</i> , 2019, 145, 3436-3444.	5.1	8
158	Perspective on mHealth Concepts to Ensure Users'™ Empowerment'€"From Adverse Event Tracking for COVID-19 Vaccinations to Oncological Treatment. <i>IEEE Access</i> , 2021, 9, 83863-83875.	4.2	8
159	A Model for the Emergence of Café-au-Lait Macules. <i>Journal of Investigative Dermatology</i> , 1999, 113, 858-859.	0.7	7
160	Analysis of support vectors helps to identify borderline patients in classification studies. , 0, , .		7
161	Exhaustive k-nearest-neighbour subspace clustering. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 30-46.	1.2	7
162	Selection Stability as a Means of Biomarker Discovery in Classification. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2016, , 79-89.	0.2	7

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