

Ken Chen

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/9102591/publications.pdf](https://exaly.com/author-pdf/9102591/publications.pdf)

Version: 2024-02-01

270
papers

42,081
citations

15497

65
h-index

2872

190
g-index

513
all docs

513
docs citations

513
times ranked

70328
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-nucleotide variant calling in single-cell sequencing data with Monopogen. <i>Nature Biotechnology</i> , 2024, 42, 803-812.	20.8	11
2	Integrated multi-omics analyses identify anti-viral host factors and pathways controlling SARS-CoV-2 infection. <i>Nature Communications</i> , 2024, 15, .	13.2	3
3	Ex Vivo Expanded Cord Blood Natural Killer Cells Combined with Rituximab and High-Dose Chemotherapy and Autologous Stem Cell Transplantation for B Cell Non-Hodgkin Lymphoma. <i>Transplantation and Cellular Therapy</i> , 2024, 30, 203.e1-203.e9.	2.6	2
4	All- ¹² C Carbon-Based Complementary Integrated Circuits. <i>Advanced Materials Technologies</i> , 2024, 9, .	6.2	0
5	Safety, efficacy and determinants of response of allogeneic CD19-specific CAR-NK cells in CD19+ B cell tumors: a phase 1/2 trial. <i>Nature Medicine</i> , 2024, 30, 772-784.	30.1	51
6	Estrogen Receptor Mutations as Novel Targets for Immunotherapy in Metastatic Estrogen Receptor-positive Breast Cancer. <i>Cancer Research Communications</i> , 2024, 4, 496-504.	1.8	1
7	Label-aware distance mitigates temporal and spatial variability for clustering and visualization of single-cell gene expression data. <i>Communications Biology</i> , 2024, 7, .	4.5	0
8	An Electroencephalogram Signature of Melanin-Concentrating Hormone Neuron Activities Predicts Cocaine Seeking. <i>Biological Psychiatry</i> , 2024, , .	1.3	0
9	Spectrally Efficient Photonic Terahertz Transmitter for Kramers-Kronig Reception without Guard-Band Based on Optical Injection Locking. <i>Journal of Lightwave Technology</i> , 2024, , 1-10.	4.7	0
10	Forecasting acute kidney injury and resource utilization in ICU patients using longitudinal, multimodal models. <i>Journal of Biomedical Informatics</i> , 2024, 154, 104648.	4.4	0
11	Phase II study of talazoparib in advanced cancers with BRCA1/2, DNA repair, and PTEN alterations. <i>Npj Precision Oncology</i> , 2024, 8, .	5.5	0
12	BATF is a major driver of NK cell epigenetic reprogramming and dysfunction in AML. <i>Science Translational Medicine</i> , 2024, 16, .	13.4	0
13	Cotton Harvests and Economic Growth: A Comprehensive Study of Tajikistan's Industry. <i>South Asian Journal of Social Studies and Economics</i> , 2023, 18, 41-63.	0.0	0
14	A spatially resolved single-cell genomic atlas of the adult human breast. <i>Nature</i> , 2023, 620, 181-191.	36.2	48
15	Integrative Prognostic Machine Learning Models in Mantle Cell Lymphoma. <i>Cancer Research Communications</i> , 2023, 3, 1435-1446.	1.8	0
16	Actionability classification of variants of unknown significance correlates with functional effect. <i>Npj Precision Oncology</i> , 2023, 7, .	5.5	4
17	Single-cell chromatin accessibility profiling of acute myeloid leukemia reveals heterogeneous lineage composition upon therapy-resistance. <i>Communications Biology</i> , 2023, 6, .	4.5	3
18	Magnetic Properties of a High-Pressure Torsion Deformed Co-Zr Alloy. <i>Nanomaterials</i> , 2023, 13, 2280.	4.2	1

#	ARTICLE	IF	CITATIONS
19	Characterizing cancer metabolism from bulk and single-cell RNA-seq data using METAFlex. Nature Communications, 2023, 14, .	13.2	13
20	Complementary carbon nanotube metal-oxide-semiconductor field-effect transistors with localized solid-state extension doping. Nature Electronics, 2023, 6, 999-1008.	18.9	3
21	Pathway centric analysis for single-cell RNA-seq and spatial transcriptomics data with GSDensity. Nature Communications, 2023, 14, .	13.2	2
22	Enhanced Spectrum Sensing by Combining Feature Selection and Optimal Margin Distribution Machine. , 2023, , .		0
23	Sensei: how many samples to tell a change in cell type abundance?. BMC Bioinformatics, 2022, 23, 2.	2.7	3
24	Clinical and Molecular Characterization of <i>POLE</i> Mutations as Predictive Biomarkers of Response to Immune Checkpoint Inhibitors in Advanced Cancers. JCO Precision Oncology, 2022, 6, e2100267.	3.2	45
25	Study on Radiation Shielding Properties of New Barium-Doped Zinc Tellurite Glass. Materials, 2022, 15, 2117.	3.0	12
26	Blinatumomab maintenance after allogeneic hematopoietic cell transplantation for B-lineage acute lymphoblastic leukemia. Blood, 2022, 139, 1908-1919.	1.4	41
27	Spatially resolved transcriptomics of high-grade serous ovarian carcinoma. IScience, 2022, 25, 103923.	4.1	38
28	Spatial charting of single-cell transcriptomes in tissues. Nature Biotechnology, 2022, 40, 1190-1199.	20.8	100
29	Molecular Correlates of Venous Thromboembolism (VTE) in Ovarian Cancer. Cancers, 2022, 14, 1496.	3.8	12
30	In-depth analysis of SARS-CoV-2-specific T cells reveals diverse differentiation hierarchies in vaccinated individuals. JCI Insight, 2022, 7, .	5.0	11
31	Corrigendum to "Engineering glucose metabolism for enhanced muconic acid production in <i>Pseudomonas putida</i> KT2440" [Metab. Eng. 59 (2020) 64-75]. Metabolic Engineering, 2022, 72, 66-67.	7.1	0
32	BHLHE40 Regulates the T-Cell Effector Function Required for Tumor Microenvironment Remodeling and Immune Checkpoint Therapy Efficacy. Cancer Immunology Research, 2022, 10, 597-611.	3.3	19
33	Metal-organic framework structures of fused hexagonal motifs with cuprophilic interactions of a triangular Cu ₃ (pyrazolate-benzoate) metallo-linker. CrystEngComm, 2022, 24, 3675-3691.	2.4	7
34	Bi-order multimodal integration of single-cell data. Genome Biology, 2022, 23, 112.	9.2	30
35	Occult polyclonality of preclinical pancreatic cancer models drives in vitro evolution. Nature Communications, 2022, 13, .	13.2	14
36	Quantifying Biomolecular Interactions Using Slow Mixing Mode (SLOMO) Nanoflow ESI-MS. ACS Central Science, 2022, 8, 963-974.	12.3	13

#	ARTICLE	IF	CITATIONS
37	Spatially restricted drivers and transitional cell populations cooperate with the microenvironment in untreated and chemo-resistant pancreatic cancer. <i>Nature Genetics</i> , 2022, 54, 1390-1405.	20.4	95
38	A phase two study of high dose blinatumomab in Richter's syndrome. <i>Leukemia</i> , 2022, 36, 2228-2232.	7.5	15
39	A piezoelectric quantum spin Hall insulator VCClBr monolayer with a pure out-of-plane piezoelectric response. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 19965-19974.	2.9	3
40	KIR-based inhibitory CARs overcome CAR-NK cell trogocytosis-mediated fratricide and tumor escape. <i>Nature Medicine</i> , 2022, 28, 2133-2144.	30.1	71
41	Direct CD32 T-cell cytotoxicity: implications for breast cancer prognosis and treatment. <i>Life Science Alliance</i> , 2022, 5, e202201590.	2.9	0
42	Breast Cancer Cells Reprogram the Oncogenic lncRNAs/mRNAs Coexpression Networks in Three-Dimensional Microenvironment. <i>Cells</i> , 2022, 11, 3458.	4.3	4
43	What Makes Online-Merge-Offline (OMO) Education Succeed? A Holistic Success Model. <i>Lecture Notes in Computer Science</i> , 2022, , 297-308.	1.0	0
44	Perception and Attitude of Medical and Dental Students Towards Covid-19 and its Vaccination in A Medical and Dental College of India. <i>Research Journal of Pharmacy and Technology</i> , 2022, , 5172-5176.	0.8	2
45	Ab initio spillover compensation in mass cytometry data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 899-909.	2.0	12
46	Cognitive behavioral therapy for misophonia: A randomized clinical trial. <i>Depression and Anxiety</i> , 2021, 38, 708-718.	4.2	41
47	Targeting a cytokine checkpoint enhances the fitness of armored cord blood CAR-NK cells. <i>Blood</i> , 2021, 137, 624-636.	1.4	165
48	Stratified Test Accurately Identifies Differentially Expressed Genes Under Batch Effects in Single-Cell Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 2072-2079.	3.2	3
49	GMP-Compliant Universal Antigen Presenting Cells (uAPC) Promote the Metabolic Fitness and Antitumor Activity of Armored Cord Blood CAR-NK Cells. <i>Frontiers in Immunology</i> , 2021, 12, 626098.	4.9	22
50	MEDALT: single-cell copy number lineage tracing enabling gene discovery. <i>Genome Biology</i> , 2021, 22, 70.	9.2	23
51	An expanded universe of cancer targets. <i>Cell</i> , 2021, 184, 1142-1155.	27.8	152
52	Single-cell RNA-seq analysis reveals compartment-specific heterogeneity and plasticity of microglia. <i>IScience</i> , 2021, 24, 102186.	4.1	33
53	Genomic, Transcriptomic, and Proteomic Profiling of Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 3243-3252.	7.2	16
54	Spatially interacting phosphorylation sites and mutations in cancer. <i>Nature Communications</i> , 2021, 12, 2313.	13.2	13

#	ARTICLE	IF	CITATIONS
55	Response to Hypomethylating Agents in Myelodysplastic Syndrome Is Associated With Emergence of Novel TCR Clonotypes. <i>Frontiers in Immunology</i> , 2021, 12, 659625.	4.9	8
56	Combining AFM13, a Bispecific CD30/CD16 Antibody, with Cytokine-Activated Blood and Cord Blood-Derived NK Cells Facilitates CAR-like Responses Against CD30+ Malignancies. <i>Clinical Cancer Research</i> , 2021, 27, 3744-3756.	7.2	83
57	Comprehensive Model for Real Battery Simulation Responsive to Variable Load. <i>Energies</i> , 2021, 14, 3209.	3.2	4
58	Metabolic Reprogramming of GMP Grade Cord Tissue Derived Mesenchymal Stem Cells Enhances Their Suppressive Potential in GVHD. <i>Frontiers in Immunology</i> , 2021, 12, 631353.	4.9	13
59	Single-cell manifold-preserving feature selection for detecting rare cell populations. <i>Nature Computational Science</i> , 2021, 1, 374-384.	5.6	24
60	Extended live-cell barcoding approach for multiplexed mass cytometry. <i>Scientific Reports</i> , 2021, 11, 12388.	3.4	12
61	Chemical Composition and Gas Production Substrates of Maize Cobs Treated with Combinations of Urea and Wood Ash. <i>Journal of Animal Science and Products</i> , 2021, 4, 73-84.	0.3	0
62	Impact of Amine Additives on Perovskite Precursor Aging: A Case Study of Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5836-5843.	4.9	6
63	Uncoupling of gene expression from copy number presents therapeutic opportunities in aneuploid cancers. <i>Cell Reports Medicine</i> , 2021, 2, 100349.	5.9	6
64	Targeting the α_v integrin/TGF- β^2 axis improves natural killer cell function against glioblastoma stem cells. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	134
65	Generation of glucocorticoid-resistant SARS-CoV-2 T cells for adoptive cell therapy. <i>Cell Reports</i> , 2021, 36, 109432.	6.3	28
66	Decoupling Lineage-Associated Genes in Acute Myeloid Leukemia Reveals Inflammatory and Metabolic Signatures Associated With Outcomes. <i>Frontiers in Oncology</i> , 2021, 11, 705627.	2.9	8
67	Oxidative Phosphorylation Is a Metabolic Vulnerability in Chemotherapy-Resistant Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2021, 81, 5572-5581.	0.9	85
68	Delineating copy number and clonal substructure in human tumors from single-cell transcriptomes. <i>Nature Biotechnology</i> , 2021, 39, 599-608.	20.8	384
69	Single-cell dissection of intratumoral heterogeneity and lineage diversity in metastatic gastric adenocarcinoma. <i>Nature Medicine</i> , 2021, 27, 141-151.	30.1	147
70	Targeting Polo-like Kinase 4 Triggers Polyploidy and Apoptotic Cell Death in TP53-Mutant Acute Myeloid Leukemia. <i>Blood</i> , 2021, 138, 1167-1167.	1.4	3
71	Bone Histomorphometry in Young Patients With Type 2 Diabetes is Affected by Disease Control and Chronic Complications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 506-514.	3.6	18
72	Effectiveness and safety of first-line antiretroviral regimens in clinical practice: a multicentre cohort study. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3004-3014.	3.2	5

#	ARTICLE	IF	CITATIONS
73	Screening of SARS-CoV-2 in 299 Hospitalized Children with Hemato-oncological Diseases: A Multicenter Survey in Hubei, China. <i>Current Medical Science</i> , 2020, 40, 642-645.	1.8	9
74	Aboriginal and Torres Strait Islander men and parenting: a scoping review. <i>Australian Journal of Primary Health</i> , 2020, 26, 1.	1.7	10
75	Optimum mixture of temulawak (<i>Curcuma xanthorrhiza</i>) and meniran (<i>Phyllanthus niruri</i>) extract as antiacne. <i>AIP Conference Proceedings</i> , 2020, , .	1.0	0
76	Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples. <i>Nature Communications</i> , 2020, 11, 4748.	13.2	30
77	Single-cell transcriptomes of pancreatic preinvasive lesions and cancer reveal acinar metaplastic cellsâ€™ heterogeneity. <i>Nature Communications</i> , 2020, 11, 4516.	13.2	131
78	A robust benchmark for detection of germline large deletions and insertions. <i>Nature Biotechnology</i> , 2020, 38, 1347-1355.	20.8	267
79	Relative Abundance of SARS-CoV-2 Entry Genes in the Enterocytes of the Lower Gastrointestinal Tract. <i>Genes</i> , 2020, 11, 645.	2.4	60
80	Latent periodic process inference from single-cell RNA-seq data. <i>Nature Communications</i> , 2020, 11, 1441.	13.2	29
81	Call centres and job satisfaction in Italy: employment conditions and socio-biographical patterns. <i>International Review of Sociology</i> , 2020, 30, 118-141.	1.2	0
82	Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition. <i>Nature Genetics</i> , 2020, 52, 306-319.	20.4	305
83	Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing. <i>Nature Genetics</i> , 2020, 52, 331-341.	20.4	486
84	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.8	12
85	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.8	18
86	Reproducible metabolic topographies associated with multiple system atrophy: Network and regional analyses in Chinese and American patient cohorts. <i>NeuroImage: Clinical</i> , 2020, 28, 102416.	2.8	13
87	Static Negative Capacitance Response in Ferroelectric/Paraelectric Superlattices. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1313-1313.	0.0	0
88	Stratified Test Alleviates Batch Effects in Single-Cell Data. <i>Lecture Notes in Computer Science</i> , 2020, , 167-177.	1.0	3
89	The Immune Landscape of Cancer. <i>Immunity</i> , 2019, 51, 411-412.	14.2	308
90	Hybrid oncocytic/chromophobe renal tumors are molecularly distinct from oncocytoma and chromophobe renal cell carcinoma. <i>Modern Pathology</i> , 2019, 32, 1698-1707.	5.6	37

#	ARTICLE	IF	CITATIONS
91	SiCloneFit: Bayesian inference of population structure, genotype, and phylogeny of tumor clones from single-cell genome sequencing data. <i>Genome Research</i> , 2019, 29, 1847-1859.	5.6	102
92	Elevated Endogenous SDHA Drives Pathological Metabolism in Highly Metastatic Uveal Melanoma. , 2019, 60, 4187.		31
93	SCMarker: Ab initio marker selection for single cell transcriptome profiling. <i>PLoS Computational Biology</i> , 2019, 15, e1007445.	3.1	32
94	Dynamic clonal remodelling in breast cancer metastases is associated with subtype conversion. <i>European Journal of Cancer</i> , 2019, 120, 54-64.	2.9	19
95	Comments on the model parameters in "SiFit: inferring tumor trees from single-cell sequencing data under finite-sites models". <i>Genome Biology</i> , 2019, 20, 95.	9.2	1
96	Adaptive responses in a PARP inhibitor window of opportunity trial illustrate limited functional interlesional heterogeneity and potential combination therapy options. <i>Oncotarget</i> , 2019, 10, 3533-3546.	2.1	21
97	Sequential Therapy with PARP and WEE1 Inhibitors Minimizes Toxicity while Maintaining Efficacy. <i>Cancer Cell</i> , 2019, 35, 851-867.e7.	16.8	167
98	Multi-platform discovery of haplotype-resolved structural variation in human genomes. <i>Nature Communications</i> , 2019, 10, 1784.	13.2	681
99	Integrated transcriptomic "genomic tool Texomer profiles cancer tissues. <i>Nature Methods</i> , 2019, 16, 401-404.	19.6	8
100	Prospective Clinical Sequencing of Adult Glioma. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 991-1000.	3.7	15
101	Megabase Length Hypermutation Accompanies Human Structural Variation at 17p11.2. <i>Cell</i> , 2019, 176, 1310-1324.e10.	27.8	75
102	A novel immature natural killer cell subpopulation predicts relapse after cord blood transplantation. <i>Blood Advances</i> , 2019, 3, 4117-4130.	5.4	24
103	Validation of HER2 Amplification as a Predictive Biomarker for Anti-Epidermal Growth Factor Receptor Antibody Therapy in Metastatic Colorectal Cancer. <i>JCO Precision Oncology</i> , 2019, 3, 1-13.	3.2	69
104	Single-nuclei RNA-seq on human retinal tissue provides improved transcriptome profiling. <i>Nature Communications</i> , 2019, 10, 5743.	13.2	110
105	Improved hydrogen production in the single-chamber microbial electrolysis cell with inhibition of methanogenesis under alkaline conditions. <i>RSC Advances</i> , 2019, 9, 30207-30215.	3.7	19
106	Defining subnational open government: does local context influence policy and practice?. <i>Policy Sciences</i> , 2019, 52, 451-479.	2.7	16
107	Distinct Biological Types of Ocular Adnexal Sebaceous Carcinoma: HPV-Driven and Virus-Negative Tumors Arise through Nonoverlapping Molecular-Genetic Alterations. <i>Clinical Cancer Research</i> , 2019, 25, 1280-1290.	7.2	42
108	Colon capsule endoscopy and its effectiveness in the diagnosis and management of colorectal neoplastic lesions. <i>Expert Review of Anticancer Therapy</i> , 2019, 19, 71-80.	2.6	7

#	ARTICLE	IF	CITATIONS
109	Comprehensive Characterization of Cancer Driver Genes and Mutations. <i>Cell</i> , 2018, 173, 371-385.e18.	27.8	1,770
110	Pathogenic Germline Variants in 10,389 Adult Cancers. <i>Cell</i> , 2018, 173, 355-370.e14.	27.8	663
111	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. <i>Cell Reports</i> , 2018, 23, 227-238.e3.	6.3	439
112	The Immune Landscape of Cancer. <i>Immunity</i> , 2018, 48, 812-830.e14.	14.2	4,015
113	Systematic Analysis of Splice-Site-Creating Mutations in Cancer. <i>Cell Reports</i> , 2018, 23, 270-281.e3.	6.3	189
114	Sputtered indium zinc oxide rear electrodes for inverted semitransparent perovskite solar cells without using a protective buffer layer. <i>Organic Electronics</i> , 2018, 54, 48-53.	2.8	37
115	Untying the gordian knot of targeting MET in cancer. <i>Cancer Treatment Reviews</i> , 2018, 66, 95-103.	8.0	19
116	Variants with a low allele frequency detected in genomic DNA affect the accuracy of mutation detection in cell-free DNA by next-generation sequencing. <i>Cancer</i> , 2018, 124, 1061-1069.	4.1	11
117	Crosslinking agents effect on gelatins from carp and tilapia skins and in their biopolymeric films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 539, 184-191.	4.8	32
118	Analysis of the Effects of Heavy Metals on Vegetation Hyperspectral Reflectance Properties. , 2018, , 49-66.		0
119	Combining accurate tumor genome simulation with crowdsourcing to benchmark somatic structural variant detection. <i>Genome Biology</i> , 2018, 19, 188.	9.2	44
120	Hypervirulent group A <i>Streptococcus</i> emergence in an acaspular background is associated with marked remodeling of the bacterial cell surface. <i>PLoS ONE</i> , 2018, 13, e0207897.	2.5	13
121	Exome sequencing study in patients with multiple sclerosis reveals variants associated with disease course. <i>Journal of Neuroinflammation</i> , 2018, 15, 265.	7.4	29
122	Genetic biomarkers of sensitivity and resistance to venetoclax monotherapy in patients with relapsed acute myeloid leukemia. <i>American Journal of Hematology</i> , 2018, 93, E202.	4.3	120
123	An overview of take-home naloxone programs in Australia. <i>Drug and Alcohol Review</i> , 2018, 37, 440-449.	2.3	37
124	Using HaMMLET for Bayesian Segmentation of WGS Read-Depth Data. <i>Methods in Molecular Biology</i> , 2018, 1833, 83-93.	0.0	1
125	In vivo screening identifies GATAD2B as a metastasis driver in KRAS-driven lung cancer. <i>Nature Communications</i> , 2018, 9, 2732.	13.2	35
126	Comprehensive Characterization of Cancer Driver Genes and Mutations. <i>Cell</i> , 2018, 174, 1034-1035.	27.8	378

#	ARTICLE	IF	CITATIONS
127	Metachronous Medulloblastoma in a Child With Successfully Treated Neuroblastoma: Case Report and Novel Findings of DNA Sequencing. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2018, 16, 683-691.	10.4	2
128	Cancer driver mutation prediction through Bayesian integration of multi-omic data. <i>PLoS ONE</i> , 2018, 13, e0196939.	2.5	24
129	Targeted next generation sequencing of well-differentiated/dedifferentiated liposarcoma reveals novel gene amplifications and mutations. <i>Oncotarget</i> , 2018, 9, 19891-19899.	2.1	29
130	Memory disrupting effects of nonmuscle myosin II inhibition depend on the class of abused drug and brain region. <i>Learning and Memory</i> , 2017, 24, 70-75.	1.4	17
131	An Organismal CNV Mutator Phenotype Restricted to Early Human Development. <i>Cell</i> , 2017, 168, 830-842.e7.	27.8	66
132	GenomeVIP: a cloud platform for genomic variant discovery and interpretation. <i>Genome Research</i> , 2017, 27, 1450-1459.	5.6	15
133	Complex magnetic order from multiple Ce-sites in Ce3Pd4Sn6. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 315801.	1.9	0
134	A semi-conductive organic-inorganic hybrid emits pure white light with an ultrahigh color rendering index. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4731-4735.	5.6	61
135	Sensing road pavement health status through acoustic signals analysis. , 2017, , .		5
136	Comprehensive Genomic Profiling of Metastatic Squamous Cell Carcinoma of the Anal Canal. <i>Molecular Cancer Research</i> , 2017, 15, 1542-1550.	3.5	59
137	Determination of market power in two-sided markets. <i>List Forum Fur Wirtschafts- Und Finanzpolitik</i> , 2017, 43, 67-87.	0.4	0
138	Dual-specificity phosphatase 6 deficiency regulates gut microbiome and transcriptome response against diet-induced obesity in mice. <i>Nature Microbiology</i> , 2017, 2, 16220.	13.1	47
139	Intrapartales Kardiotokogramm. <i>Der Gynakologe</i> , 2017, 50, 695-709.	0.2	3
140	Measurements of forest biomass change using L- and P-band sar backscatter. , 2017, , .		4
141	SiFit: inferring tumor trees from single-cell sequencing data under finite-sites models. <i>Genome Biology</i> , 2017, 18, 178.	9.2	156
142	The International Conference on Intelligent Biology and Medicine (ICIBM) 2016: summary and innovation in genomics. <i>BMC Genomics</i> , 2017, 18, 703.	2.9	4
143	BreakPoint Surveyor: a pipeline for structural variant visualization. <i>Bioinformatics</i> , 2017, 33, 3121-3122.	4.2	5
144	A feasibility study of returning clinically actionable somatic genomic alterations identified in a research laboratory. <i>Oncotarget</i> , 2017, 8, 41806-41814.	2.1	13

#	ARTICLE	IF	CITATIONS
145	Genomic analysis of exceptional responder to regorafenib in treatment-refractory metastatic rectal cancer: a case report and review of the literature. <i>Oncotarget</i> , 2017, 8, 57882-57888.	2.1	10
146	MET amplification in metastatic colorectal cancer: an acquired response to EGFR inhibition, not a <i>de novo</i> phenomenon. <i>Oncotarget</i> , 2016, 7, 54627-54631.	2.1	59
147	New Approach to Study the Ignition Processes of Organic Coal-Water Fuels in an Oxidizer Flow. <i>EPJ Web of Conferences</i> , 2016, 110, 01055.	0.3	1
148	Levels of <i>Renibacterium salmoninarum</i> antigens in resident and anadromous salmonids in the River EllidaÁr system in Iceland. <i>Journal of Fish Diseases</i> , 2016, 39, 681-692.	1.9	4
149	Hotspot mutations delineating diverse mutational signatures and biological utilities across cancer types. <i>BMC Genomics</i> , 2016, 17, 394.	2.9	29
150	Divergent viral presentation among human tumors and adjacent normal tissues. <i>Scientific Reports</i> , 2016, 6, 28294.	3.4	62
151	Monovar: single-nucleotide variant detection in single cells. <i>Nature Methods</i> , 2016, 13, 505-507.	19.6	155
152	Synthesis of Au@Ni bimetallic core shell nanoparticle and nanochains in soyabean oil and their catalytic hydrogenation reactions. <i>ChemistrySelect</i> , 2016, 1, 140-146.	1.6	9
153	Novel algorithmic approach predicts tumor mutation load and correlates with immunotherapy clinical outcomes using a defined gene mutation set. <i>BMC Medicine</i> , 2016, 14, 168.	5.7	106
154	Functional annotation of rare gene aberration drivers of pancreatic cancer. <i>Nature Communications</i> , 2016, 7, 10500.	13.2	63
155	An ethernet based remote system upgradation technique for FPGA based inaccessible digital systems. , 2016, , .		0
156	Genotyping tumor clones from single-cell data. <i>Nature Methods</i> , 2016, 13, 555-556.	19.6	13
157	Diagnostic Value of Serum YKL40 Level for Coronary Artery Disease: A Meta-Analysis. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 23-31.	2.1	6
158	Legume information system (LegumeInfo.org): a key component of a set of federated data resources for the legume family. <i>Nucleic Acids Research</i> , 2016, 44, D1181-D1188.	14.0	153
159	The degree of intratumor mutational heterogeneity varies by primary tumor sub-site. <i>Oncotarget</i> , 2016, 7, 27185-27198.	2.1	40
160	ClinSeK: a targeted variant characterization framework for clinical sequencing. <i>Genome Medicine</i> , 2015, 7, 34.	8.5	13
161	Genome Modeling System: A Knowledge Management Platform for Genomics. <i>PLoS Computational Biology</i> , 2015, 11, e1004274.	3.1	83
162	Analysis of deletion breakpoints from 1,092 humans reveals details of mutation mechanisms. <i>Nature Communications</i> , 2015, 6, 7256.	13.2	79

#	ARTICLE	IF	CITATIONS
163	Identification of Variant-Specific Functions of <i>PIK3CA</i> by Rapid Phenotyping of Rare Mutations. <i>Cancer Research</i> , 2015, 75, 5341-5354.	0.9	133
164	Gene mutations in primary tumors and corresponding patient-derived xenografts derived from non-small cell lung cancer. <i>Cancer Letters</i> , 2015, 357, 179-185.	7.3	82
165	Silenced rRNA genes are activated and substitute for partially eliminated active homeologs in the recently formed allotetraploid, <i>Tragopogon mirus</i> (Asteraceae). <i>Heredity</i> , 2015, 114, 356-365.	2.7	36
166	Whole Genome Sequencing in Cancer Clinics. <i>EBioMedicine</i> , 2015, 2, 15-16.	6.0	4
167	RET Fusion as a Novel Driver of Medullary Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 788-793.	3.6	67
168	Clinical Actionability Enhanced through Deep Targeted Sequencing of Solid Tumors. <i>Clinical Chemistry</i> , 2015, 61, 544-553.	3.5	86
169	Ploidy-Seq: inferring mutational chronology by sequencing polyploid tumor subpopulations. <i>Genome Medicine</i> , 2015, 7, 6.	8.5	6
170	A Decision Support Framework for Genomically Informed Investigational Cancer Therapy. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	6.4	170
171	An integrated map of structural variation in 2,504 human genomes. <i>Nature</i> , 2015, 526, 75-81.	36.2	2,084
172	Nanopores: a sequencer in your backpack. <i>Nature Methods</i> , 2015, 12, 1015-1018.	19.6	22
173	Closed-loop identification and instability of web transport system. , 2015, , .		0
174	Characterization of twenty-five ovarian tumour cell lines that phenocopy primary tumours. <i>Nature Communications</i> , 2015, 6, 7419.	13.2	157
175	Role of the aminotransferase domain in <i>Bacillus subtilis</i> σ^{54} -dependent transcriptional regulator. <i>Molecular Microbiology</i> , 2015, 95, 245-257.	2.5	30
176	Ability to Generate Patient-Derived Breast Cancer Xenografts Is Enhanced in Chemoresistant Disease and Predicts Poor Patient Outcomes. <i>PLoS ONE</i> , 2015, 10, e0136851.	2.5	56
177	Functional consequence of the <i>MET-T</i> 1010I polymorphism in breast cancer. <i>Oncotarget</i> , 2015, 6, 2604-2614.	2.1	36
178	Leaf tissues proportion and chemical composition of <i>Axonopus jesuiticus</i> x <i>A. scoparius</i> as a function of pig slurry application. <i>Ciencia Rural</i> , 2014, 44, 276-282.	0.5	3
179	Hierarchically porous graphitic carbon nitride: large-scale facile synthesis and its application toward photocatalytic dye degradation. <i>RSC Advances</i> , 2014, 4, 59436-59439.	3.7	56
180	Post-liver transplantation sarcopenia in cirrhosis: A prospective evaluation. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014, 29, 1250-1257.	2.8	152

#	ARTICLE	IF	CITATIONS
181	Predicting disease associations via biological network analysis. BMC Bioinformatics, 2014, 15, 304.	2.7	88
182	TIGRA: A targeted iterative graph routing assembler for breakpoint assembly. Genome Research, 2014, 24, 310-317.	5.6	83
183	Magnetocaloric Effect in LaFe _{10.7} Co _{0.8} Si _{1.5} Compound Near Room Temperature. Journal of Superconductivity and Novel Magnetism, 2014, 27, 1059-1064.	1.8	30
184	Special features of oblique fine diamond turning of aluminum alloys. Journal of Superhard Materials, 2014, 36, 331-337.	1.2	0
185	Clonal evolution in breast cancer revealed by single nucleus genome sequencing. Nature, 2014, 512, 155-160.	36.2	929
186	Catalytic mTOR inhibitors can overcome intrinsic and acquired resistance to allosteric mTOR inhibitors. Oncotarget, 2014, 5, 8544-8557.	2.1	57
187	BreakTrans: uncovering the genomic architecture of gene fusions. Genome Biology, 2013, 14, R87.	9.2	25
188	Ti diffusion in (001) SrTiO ₃ /CoFe ₂ O ₄ epitaxial heterostructures: blocking role of a MgAl ₂ O ₄ buffer. Physical Chemistry Chemical Physics, 2013, 15, 18274.	2.9	12
189	Experimental Study on the Influence of pH Value, Illumination, Nutrient, and Temperature Factors on Cyanobacteria Growth. , 2013, , .		3
190	Environmentally-induced modulations of developmental rates do not affect the selection-mediated changes in pre-adult development time of fruit flies <i>Drosophila melanogaster</i> . Journal of Insect Physiology, 2013, 59, 729-737.	2.2	3
191	Genomic and Epigenomic Landscapes of Adult De Novo Acute Myeloid Leukemia. New England Journal of Medicine, 2013, 368, 2059-2074.	30.1	4,286
192	A Glimpse of the Future of Scientific Programming. Computing in Science and Engineering, 2013, 15, 84-88.	1.6	3
193	Meaningful Integration of Online Knowledge Resources with Clinical Decision Support System. Lecture Notes in Computer Science, 2013, , 280-285.	1.0	2
194	Assessing the fire tolerance of forest species in <i>Neotropical</i> savanna: modelling choices do matter. Journal of Vegetation Science, 2013, 24, 1208-1211.	2.3	0
195	Coronary ostium topography: An implication for transcatheter aortic valve implantation?. Minimally Invasive Therapy and Allied Technologies, 2013, 22, 65-72.	1.3	3
196	A survey of intragenic breakpoints in glioblastoma identifies a distinct subset associated with poor survival. Genes and Development, 2013, 27, 1462-1472.	5.9	76
197	Study of improvement of TiC layer by electrical discharge coating. International Journal of Electrical Machining, 2013, 18, 29-35.	0.5	3
198	Evaluation of the Psychometric Properties of the Functional Assessment of Cancer Therapy-Cervix Questionnaire in Brazil. PLoS ONE, 2013, 8, e77947.	2.5	11

#	ARTICLE	IF	CITATIONS
217	<title>Study on the spectral narrowing technology of an optically pumped XeF(C-A) laser</title>. Proceedings of SPIE, 2010, , .	1.0	0
218	VarScan: variant detection in massively parallel sequencing of individual and pooled samples. Bioinformatics, 2009, 25, 2283-2285.	4.2	1,235
219	Detecting V-Storms using Meteosat Second Generation SEVIRI image and its applications: A case study over Western Turkey. , 2009, , .		1
220	Modeling the Autoinhibition of Clarithromycin Metabolism during Repeated Oral Administration. Antimicrobial Agents and Chemotherapy, 2009, 53, 2892-2901.	3.4	20
221	Comparison and modeling of two biofilm processes applied to decentralized wastewater treatment. Frontiers of Environmental Science and Engineering in China, 2009, 3, 412-420.	0.8	4
222	BreakDancer: an algorithm for high-resolution mapping of genomic structural variation. Nature Methods, 2009, 6, 677-681.	19.6	1,352
223	Recurring Mutations Found by Sequencing an Acute Myeloid Leukemia Genome. New England Journal of Medicine, 2009, 361, 1058-1066.	30.1	2,037
224	Somatic mutations affect key pathways in lung adenocarcinoma. Nature, 2008, 455, 1069-1075.	36.2	2,718
225	DNA sequencing of a cytogenetically normal acute myeloid leukaemia genome. Nature, 2008, 456, 66-72.	36.2	1,291
226	Efficacy of an aqueous Pelargonium sidoides extract against herpesvirus. Phytomedicine, 2008, 15, 1108-1116.	5.4	65
227	Aseptic necrosis of the maxilla after devitalisation of the teeth with arsenic trioxide. British Journal of Oral and Maxillofacial Surgery, 2008, 46, 81.	0.9	11
228	Taxonomic study of the genus <i>Ziziphus</i> Mill. (Rhamnaceae) of Bangladesh. Bangladesh Journal of Plant Taxonomy, 2008, 15, 47-61.	0.2	13
229	PolyScan: An automatic indel and SNP detection approach to the analysis of human resequencing data. Genome Research, 2007, 17, 659-666.	5.6	76
230	DEEP BRAIN STIMULATION FOR OBSESSIVE-COMPULSIVE DISORDER. Operative Neurosurgery, 2007, 61, E367-E368.	1.0	22
231	Connexin 43 expression promotes malignancy of HuH7 hepatocellular carcinoma cells via the inhibition of cell-cell communication. Cancer Letters, 2007, 252, 208-215.	7.3	43
232	The interactive transcript abundance index [c-myc* <i>p73</i>]/[p21*Bcl-2] correlates with baseline level of apoptosis and response to CPT-11 in human bronchogenic carcinoma cell lines. International Journal of Oncology, 2007, 30, 1553-60.	3.2	1
233	Synthesis of Novel Phosphorylated Daidzein Derivatives and ESI Investigation on Their Non-Covalent Complexes with Lysozyme. Chinese Journal of Chemistry, 2007, 25, 1008-1013.	6.6	8
234	Prediction of Binding Affinities between the Human Amphiphysin-1 SH3 Domain and Its Peptide Ligands Using Homology Modeling, Molecular Dynamics and Molecular Field Analysis. Journal of Proteome Research, 2006, 5, 32-43.	3.8	71

#	ARTICLE	IF	CITATIONS
235	Immunoglobulin G Levels before and after Lung Transplantation. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 917-921.	6.6	57
236	Computational Analysis and Prediction of the Binding Motif and Protein Interacting Partners of the Abl SH3 Domain. PLoS Computational Biology, 2006, 2, e1.	3.1	149
237	The dynamics behind Titan's methane clouds. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18421-18426.	7.6	101
238	Simultaneous recognition of words and prosody in the Boston University Radio Speech Corpus. Speech Communication, 2005, 46, 418-439.	2.9	36
239	2-Mercaptoimidazoles, a new class of potent CCR2 antagonists. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 497-500.	2.3	35
240	Validation of the stochastic distorted-wave Born approximation model with broad bandwidth total target strength measurements of Antarctic krill. ICES Journal of Marine Science, 2004, 61, 155-156.	2.5	14
241	Cyclin D1 Immunohistochemistry Identifies a Subset of Plasma Cell Myeloma with Superior Overall Survival.. Blood, 2004, 104, 4854-4854.	1.4	0
242	Percolation-based vibrational picture to estimate nonrandom N substitution in GaAsN alloys. Applied Physics Letters, 2003, 82, 2808-2810.	3.2	18
243	Materials and methods. , 2001, , 4-7.		0
244	Implication of improved upper bounds on $ \hat{\Gamma}^L _{=2}$ processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 285-290.	4.1	78
245	Fluorescent Properties of Firefly Luciferases and Their Complexes with Luciferin. Bioscience Reports, 2000, 20, 21-30.	2.7	9
246	3. The Basque-speaking Communities. , 2000, , 91-109.		6
247	Direct identification of ventrointermediate nucleus of the thalamus on magnetic resonance and computed tomography images. World Neurosurgery, 1999, 51, 674-678.	1.3	14
248	Gallbladder polyps: prospective study.. Journal of Ultrasound in Medicine, 1998, 17, 207-211.	1.8	81
249	Trans anal full thickness tru-cut needle biopsies in anal canal tumors after conservative treatment.. Oncology Reports, 1998, 5, 325-7.	2.6	9
250	KINETICS OF NANOCRYSTALLIZATION IN METALLIC GLASSES. , 1998, , .		0
251	Insulin and Insulin-Like Growth Factor-I Inhibit the L-Type Calcium Channel Current in Rat Pinealocytes. Endocrinology, 1997, 138, 2033-2042.	2.8	13
252	Effects of inert gases on the degenerate four-wave-mixing spectrum of NO2. Applied Physics B: Lasers and Optics, 1995, 60, 11-18.	2.1	20

#	ARTICLE	IF	CITATIONS
253	Compile-time garbage collection for lazy functional languages. Lecture Notes in Computer Science, 1995, , 119-144.	1.0	4
254	Elastic properties of semiconductors studied by extended H ^{1/4} ckel theory. Physical Review B, 1992, 46, 1351-1357.	3.3	75
255	SELF-EMPLOYMENT AND NEW FIRM FORMATION. Scottish Journal of Political Economy, 1991, 38, 352-368.	1.6	20
256	A Wide-Band Polymer Ultrasonic Transducer Using Acoustic Impedance Matching Technique. Japanese Journal of Applied Physics, 1988, 27, 547-551.	1.6	13
257	Object oriented programming in Concurrent Prolog. New Generation Computing, 1983, 1, 25-48.	3.4	143
258	Combined X-ray and neutron diffraction study of [Os ₄ (CO) ₁₁ H ₃ (CHCHPh)]. Journal of the Chemical Society Dalton Transactions, 1981, , 788.	1.1	9
259	Australian Official Publications, by Howard Coxon. Oxford: Pergamon Press, 1980. Pp. xv, 211. (Guides) Tj ETQq1 1 0.784314 rgBT /Over 182-183.	0.0	0
260	Overseas Investment in Australia. Treasury Economic Paper No. I. Economic Record, 1972, 48, 282-285.	0.4	0
261	Vancomycin for Staphylococcal Shunt Site Infections in Patients on Regular Haemodialysis. BMJ: British Medical Journal, 1970, 3, 80-82.	5.6	63
262	Ecological Studies on the Canadian River Floodplain in Cleveland County, Oklahoma. Ecological Monographs, 1937, 7, 345-402.	5.4	39
263	Briefe bei Gelegenheit der politisch theologischen Aufgabe und des Sendschreibens j ^{1/4} discher Hausv ^{1/4} ter. , 1846, , 1-40.		0
264	An automatic prosody labeling system using ANN-based syntactic-prosodic model and GMM-based acoustic-prosodic model. , 0, , .		41
265	Astrocytes Role in Parkinson: A Double-Edged Sword. , 0, , .		15
266	Computational Prediction of Genetic Drivers in Cancer. , 0, , 1-16.		4
267	Testing ANOVA Replications by Means of the Prior Predictive p-Value. Meta-Psychology, 0, 6, .	0.0	1
268	Small fiber neuropathy and intractable scalp pruritus in dermatomyositis patients. Skin Health and Disease, 0, , .	1.5	0
269	CD28 costimulation augments CAR signaling in NK cells via the LCK/CD3Z/ZAP70 signaling axis. Cancer Discovery, 0, , .	14.2	1
270	Targeting the EGFR pathway in chemotherapy-resistant triple-negative breast cancer - a phase II study. Cancer Research Communications, 0, , .	1.8	0