

The Molecular Signatures Database Hallmark Gene Set

Cell Systems

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Citation Report

#	ARTICLE	IF	CITATIONS
2	c-MYC inhibition impairs hypoxia response in glioblastoma multiforme. <i>Oncotarget</i> , 2016, 7, 33257-33271.	0.8	24
3	Family Based Whole Exome Sequencing Reveals the Multifaceted Role of Notch Signaling in Congenital Heart Disease. <i>PLoS Genetics</i> , 2016, 12, e1006335.	1.5	59
4	Gasdermin C Is Upregulated by Inactivation of Transforming Growth Factor β 2 Receptor Type II in the Presence of Mutated Apc, Promoting Colorectal Cancer Proliferation. <i>PLoS ONE</i> , 2016, 11, e0166422.	1.1	151
5	Merkel Cell Polyomavirus Small T Antigen Promotes Pro-Glycolytic Metabolic Perturbations Required for Transformation. <i>PLoS Pathogens</i> , 2016, 12, e1006020.	2.1	60
6	Kataegis Expression Signature in Breast Cancer Is Associated with Late Onset, Better Prognosis, and Higher HER2 Levels. <i>Cell Reports</i> , 2016, 16, 672-683.	2.9	33
7	Activation of the c-Met Pathway Mobilizes an Inflammatory Network in the Brain Microenvironment to Promote Brain Metastasis of Breast Cancer. <i>Cancer Research</i> , 2016, 76, 4970-4980.	0.4	102
8	Transcriptomic Analysis Identifies Candidate Genes and Gene Sets Controlling the Response of Porcine Peripheral Blood Mononuclear Cells to Poly I:C Stimulation. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1267-1275.	0.8	11
9	The prognostic potential of alternative transcript isoforms across human tumors. <i>Genome Medicine</i> , 2016, 8, 85.	3.6	35
10	TopolCSim: a new semantic similarity measure based on gene ontology. <i>BMC Bioinformatics</i> , 2016, 17, 296.	1.2	24
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12	DGCA: A comprehensive R package for Differential Gene Correlation Analysis. <i>BMC Systems Biology</i> , 2016, 10, 106.	3.0	171
13	Characterization of Rare, Dormant, and Therapy-Resistant Cells in Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2016, 30, 849-862.	7.7	215
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16	Research Resources for Nuclear Receptor Signaling Pathways. <i>Molecular Pharmacology</i> , 2016, 90, 153-159.	1.0	4
17	The tumor microenvironment underlies acquired resistance to CSF-1R inhibition in gliomas. <i>Science</i> , 2016, 352, aad3018.	6.0	477
18	Large-scale analysis of genome and transcriptome alterations in multiple tumors unveils novel cancer-relevant splicing networks. <i>Genome Research</i> , 2016, 26, 732-744.	2.4	225
19	Differences in Mitochondrial Coupling Reveal a Novel Signature of Mitohormesis in Muscle of Healthy Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4994-5003.	1.8	6

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20	PMEPA1, a TGF- β 2- and hypoxia-inducible gene that participates in hypoxic gene expression networks in solid tumors. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 615-621.	1.0	10
21	Gene set analysis for interpreting genetic studies. <i>Human Molecular Genetics</i> , 2016, 25, R133-R140.	1.4	12
22	Research Resource: A Reference Transcriptome for Constitutive Androstane Receptor and Pregnane X Receptor Xenobiotic Signaling. <i>Molecular Endocrinology</i> , 2016, 30, 937-948.	3.7	4
23	Epigenomic Deconvolution of Breast Tumors Reveals Metabolic Coupling between Constituent Cell Types. <i>Cell Reports</i> , 2016, 17, 2075-2086.	2.9	84
24	Histone deacetylase 3 supports endochondral bone formation by controlling cytokine signaling and matrix remodeling. <i>Science Signaling</i> , 2016, 9, ra79.	1.6	60
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27	C2c2 is a single-component programmable RNA-guided RNA-targeting CRISPR effector. <i>Science</i> , 2016, 353, aaf5573.	6.0	1,647
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30	Meta-analysis of polycystic kidney disease expression profiles defines strong involvement of injury repair processes. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F806-F817.	1.3	26
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37	Molecular Phenotyping Combines Molecular Information, Biological Relevance, and Patient Data to Improve Productivity of Early Drug Discovery. <i>Cell Chemical Biology</i> , 2017, 24, 624-634.e3.	2.5	32

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38	Exploring background mutational processes to decipher cancer genetic heterogeneity. <i>Nucleic Acids Research</i> , 2017, 45, W514-W522.	6.5	65
39	A Wnt-producing niche drives proliferative potential and progression in lung adenocarcinoma. <i>Nature</i> , 2017, 545, 355-359.	13.7	265
40	Genetic variants of PTPN2 are associated with lung cancer risk: a re-analysis of eight GWASs in the TRICL-ILCCO consortium. <i>Scientific Reports</i> , 2017, 7, 825.	1.6	10
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50	The metabolic regulator mTORC1 controls terminal myeloid differentiation. <i>Science Immunology</i> , 2017, 2, .	5.6	23
51	Systems toxicology meta-analysis of in vitro assessment studies: biological impact of a candidate modified-risk tobacco product aerosol compared with cigarette smoke on human organotypic cultures of the aerodigestive tract. <i>Toxicology Research</i> , 2017, 6, 631-653.	0.9	24
52	Targeting of super-enhancers and mutant BRAF can suppress growth of BRAF -mutant colon cancer cells via repression of MAPK signaling pathway. <i>Cancer Letters</i> , 2017, 402, 100-109.	3.2	28
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55	Drugging the catalytically inactive state of RET kinase in RET-rearranged tumors. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	55

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57	A Functional Genomic Meta-Analysis of Clinical Trials in Systemic Sclerosis: Toward Precision Medicine and Combination Therapy. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1033-1041.	0.3	24
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74	The Functional Impact of Alternative Splicing in Cancer. <i>Cell Reports</i> , 2017, 20, 2215-2226.	2.9	517

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84	Genomic and transcriptomic heterogeneity of colorectal tumours arising in Lynch syndrome. <i>Journal of Pathology</i> , 2017, 243, 242-254.	2.1	69
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86	Glioblastoma cellular cross-talk converges on NF- κ B to attenuate EGFR inhibitor sensitivity. <i>Genes and Development</i> , 2017, 31, 1212-1227.	2.7	53
87	Heterogeneous Enhancement Patterns of Tumor-adjacent Parenchyma at MR Imaging Are Associated with Dysregulated Signaling Pathways and Poor Survival in Breast Cancer. <i>Radiology</i> , 2017, 285, 401-413.	3.6	92
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94	Histone Deacetylase 3 Deletion in Mesenchymal Progenitor Cells Hinders Long Bone Development. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2453-2465.	3.1	27
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112	RAS-pathway mutation patterns define epigenetic subclasses in juvenile myelomonocytic leukemia. <i>Nature Communications</i> , 2017, 8, 2126.	5.8	91
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121	Depletion of the Third Complement Component Ameliorates Age-Dependent Oxidative Stress and Positively Modulates Autophagic Activity in Aged Retinas in a Mouse Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.	1.9	20
122	Chromatin accessibility underlies synthetic lethality of SWI/SNF subunits in ARID1A-mutant cancers. <i>ELife</i> , 2017, 6, .	2.8	138
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131	Gene expression signature of Gleason score is associated with prostate cancer outcomes in a radical prostatectomy cohort. <i>Oncotarget</i> , 2017, 8, 43035-43047.	0.8	35
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134	<i>PTEN</i> loss is associated with prostate cancer recurrence and alterations in tumor DNA methylation profiles. <i>Oncotarget</i> , 2017, 8, 84338-84348.	0.8	32
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136	Young female patients with multiple myeloma have low occurrence of osteolytic lesion. <i>Bone</i> , 2018, 110, 21-28.	1.4	6
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138	Pathway and Network Analysis of Differentially Expressed Genes in Transcriptomes. <i>Methods in Molecular Biology</i> , 2018, 1751, 35-55.	0.4	4
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146	Chemoresistance Evolution in Triple-Negative Breast Cancer Delineated by Single-Cell Sequencing. <i>Cell</i> , 2018, 173, 879-893.e13.	13.5	777

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150	Association between fetal exposure to phthalate endocrine disruptor and genome-wide DNA methylation at birth. <i>Environmental Research</i> , 2018, 162, 261-270.	3.7	46
151	Classification of gene signatures for their information value and functional redundancy. <i>Npj Systems Biology and Applications</i> , 2018, 4, 2.	1.4	50
152	Endothelial deletion of Ino80 disrupts coronary angiogenesis and causes congenital heart disease. <i>Nature Communications</i> , 2018, 9, 368.	5.8	71
153	A Myc enhancer cluster regulates normal and leukaemic haematopoietic stem cell hierarchies. <i>Nature</i> , 2018, 553, 515-520.	13.7	256
154	Enhanced preclinical antitumor activity of M7824, a bifunctional fusion protein simultaneously targeting PD-L1 and TGF- β 2. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	386
155	Genome-wide identification of interferon-sensitive mutations enables influenza vaccine design. <i>Science</i> , 2018, 359, 290-296.	6.0	64
156	Kynurenic Acid and Gpr35 Regulate Adipose Tissue Energy Homeostasis and Inflammation. <i>Cell Metabolism</i> , 2018, 27, 378-392.e5.	7.2	178
157	ER α -Mediated Nuclear Sequestration of RSK2 Is Required for ER+ Breast Cancer Tumorigenesis. <i>Cancer Research</i> , 2018, 78, 2014-2025.	0.4	17
158	The molecular signature of AML with increased ALDH activity suggests a stem cell origin. <i>Leukemia and Lymphoma</i> , 2018, 59, 2201-2210.	0.6	12
159	CXCR1 expression predicts benefit from tyrosine kinase inhibitors therapy in patients with metastatic renal cell carcinoma. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018, 36, 242.e15-242.e21.	0.8	2
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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1471	Declined expressions of vast mitochondria-related genes represented by CYCS and transcription factor ESRRA in skeletal muscle aging. <i>Bioengineered</i> , 2021, 12, 3485-3502.	1.4	9
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1555	Risk SNP-induced lncRNA-SLCC1 drives colorectal cancer through activating glycolysis signaling. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 70.	7.1	34
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1567	Selective elimination of immunosuppressive T cells in patients with multiple myeloma. <i>Leukemia</i> , 2021, 35, 2602-2615.	3.3	27
1568	Integrated Characterization of lncRNA-Immune Interactions in Prostate Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 641891.	1.8	14
1569	Nanotopography as Artificial Microenvironment for Accurate Visualization of Metastasis Development via Simulation of ECM Dynamics. <i>Nano Letters</i> , 2021, 21, 1400-1411.	4.5	7
1570	Disease-modifying effects of edasalonexent, an <i>NF-κB</i> inhibitor, in young boys with Duchenne muscular dystrophy: Results of the MoveDMD phase 2 and open label extension trial. <i>Neuromuscular Disorders</i> , 2021, 31, 385-396.	0.3	20

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1573	Chromatin dysregulation associated with NSD1 mutation in head and neck squamous cell carcinoma. <i>Cell Reports</i> , 2021, 34, 108769.	2.9	42
1574	SWATH-MS Based Proteomic Profiling of Prostate Cancer Cells Reveals Adaptive Molecular Mechanisms in Response to Anti-Androgen Therapy. <i>Cancers</i> , 2021, 13, 715.	1.7	9
1575	Bacterial-Driven Inflammation and Mutant <i>BRAF</i> Expression Combine to Promote Murine Colon Tumorigenesis That Is Sensitive to Immune Checkpoint Therapy. <i>Cancer Discovery</i> , 2021, 11, 1792-1807.	7.7	43
1577	Notch Signaling Pathway in Cancer—Review with Bioinformatic Analysis. <i>Cancers</i> , 2021, 13, 768.	1.7	20
1578	Development and validation of an individual alternative splicing prognostic signature in gastric cancer. <i>Aging</i> , 2021, 13, 5824-5844.	1.4	3
1580	Transcriptomic Analysis of Right Ventricular Remodeling in Two Rat Models of Pulmonary Hypertension. <i>Circulation: Heart Failure</i> , 2021, 14, e007058.	1.6	22
1581	A novel gene selection method for gene expression data for the task of cancer type classification. <i>Biology Direct</i> , 2021, 16, 7.	1.9	9
1582	Identification of Hypoxia-Related Differentially Expressed Genes and Construction of the Clinical Prognostic Predictor in Hepatocellular Carcinoma by Bioinformatic Analysis. <i>BioMed Research International</i> , 2021, 2021, 1-15.	0.9	1
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1597	Proteogenomic insights into the biology and treatment of HPV-negative head and neck squamous cell carcinoma. <i>Cancer Cell</i> , 2021, 39, 361-379.e16.	7.7	189
1598	CARM1 Inhibition Enables Immunotherapy of Resistant Tumors by Dual Action on Tumor Cells and T Cells. <i>Cancer Discovery</i> , 2021, 11, 2050-2071.	7.7	43
1599	Single cell transcriptomic analysis of murine lung development on hyperoxia-induced damage. <i>Nature Communications</i> , 2021, 12, 1565.	5.8	89
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1605	Modeling preeclampsia using human induced pluripotent stem cells. <i>Scientific Reports</i> , 2021, 11, 5877.	1.6	26
1606	The transcriptional trajectories of pluripotency and differentiation comprise genes with antithetical architecture and repetitive-element content. <i>BMC Biology</i> , 2021, 19, 60.	1.7	5
1607	Induction of interferon- β and interferon signaling by TRAIL and Smac mimetics via caspase-8 in breast cancer cells. <i>PLoS ONE</i> , 2021, 16, e0248175.	1.1	6
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1621	Complement C3a and C5a receptor blockade modulates regulatory T cell conversion in head and neck cancer. , 2021, 9, e002585.		16
1622	Breast tumours maintain a reservoir of subclonal diversity during expansion. <i>Nature</i> , 2021, 592, 302-308.	13.7	145
1623	Melanoma subpopulations that rapidly escape MAPK pathway inhibition incur DNA damage and rely on stress signalling. <i>Nature Communications</i> , 2021, 12, 1747.	5.8	39
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1626	Ddx41 inhibition of DNA damage signaling permits erythroid progenitor expansion in zebrafish. <i>Haematologica</i> , 2022, 107, 644-654.	1.7	24
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1628	Identification of Stemness-Related Genes for Cervical Squamous Cell Carcinoma and Endocervical Adenocarcinoma by Integrated Bioinformatics Analysis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642724.	1.8	6
1629	Identification of potential oncogenes in triple-negative breast cancer based on bioinformatics analyses. <i>Oncology Letters</i> , 2021, 21, 363.	0.8	6
1630	Targeted Therapy to β 3 Integrin Reduces Chemoresistance in Breast Cancer Bone Metastases. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1183-1198.	1.9	13
1631	Ethnic and trans-ethnic genome-wide association studies identify new loci influencing Japanese Alzheimer's disease risk. <i>Translational Psychiatry</i> , 2021, 11, 151.	2.4	34
1632	Immune-related lncRNA LINC00944 responds to variations in ADAR1 levels and it is associated with breast cancer prognosis. <i>Life Sciences</i> , 2021, 268, 118956.	2.0	25
1633	Dual role of endothelial Myc1 in tumor angiogenesis and tumor immunity. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	35
1634	CENP-A overexpression promotes distinct fates in human cells, depending on p53 status. <i>Communications Biology</i> , 2021, 4, 417.	2.0	23
1635	Transcriptional mediators of treatment resistance in lethal prostate cancer. <i>Nature Medicine</i> , 2021, 27, 426-433.	15.2	90

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1637	An Integrative Transcriptome-Wide Analysis of Amyotrophic Lateral Sclerosis for the Identification of Potential Genetic Markers and Drug Candidates. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3216.	1.8	12
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1639	Transcriptome analyses of 7-day-old zebrafish larvae possessing a familial Alzheimer's disease-like mutation in <i>psen1</i> indicate effects on oxidative phosphorylation, ECM and MCM functions, and iron homeostasis. <i>BMC Genomics</i> , 2021, 22, 211.	1.2	8
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1642	Karonudib has potent anti-tumor effects in preclinical models of B-cell lymphoma. <i>Scientific Reports</i> , 2021, 11, 6317.	1.6	5
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1650	Primate innate immune responses to bacterial and viral pathogens reveals an evolutionary trade-off between strength and specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	30
1651	Molecular correlates of response to nivolumab at baseline and on treatment in patients with RCC. , 2021, 9, e001506.		23
1652	Deciphering the Transcriptomic Heterogeneity of Duodenal Coeliac Disease Biopsies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2551.	1.8	11
1653	Cancer Cell Intrinsic and Immunologic Phenotypes Determine Clinical Outcomes in Basal-like Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 3079-3093.	3.2	8
1655	Transcriptome Analysis Reveals the AhR, Smad2/3, and HIF-1 \pm Pathways as the Mechanism of Ochratoxin A Toxicity in Kidney Cells. <i>Toxins</i> , 2021, 13, 190.	1.5	21
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1657	Cell-autonomous immune gene expression is repressed in pulmonary neuroendocrine cells and small cell lung cancer. <i>Communications Biology</i> , 2021, 4, 314.	2.0	44

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1664	Global DNA hypermethylation pattern and unique gene expression signature in liver cancer from patients with Indigenous American ancestry. <i>Oncotarget</i> , 2021, 12, 475-492.	0.8	16
1665	Inferring latent temporal progression and regulatory networks from cross-sectional transcriptomic data of cancer samples. <i>PLoS Computational Biology</i> , 2021, 17, e1008379.	1.5	14
1666	Differential and longitudinal immune gene patterns associated with reprogrammed microenvironment and viral mimicry in response to neoadjuvant radiotherapy in rectal cancer. , 2021, 9, e001717.		19
1670	Consensus Transcriptional Landscape of Human End-stage Heart Failure. <i>Journal of the American Heart Association</i> , 2021, 10, e019667.	1.6	36
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1673	Genome-wide association meta-analysis identifies pleiotropic risk loci for aerodigestive squamous cell cancers. <i>PLoS Genetics</i> , 2021, 17, e1009254.	1.5	19
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1676	Development of a novel transcription factors-related prognostic signature for serous ovarian cancer. <i>Scientific Reports</i> , 2021, 11, 7207.	1.6	8
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1686	Meiotic nuclear divisions 1 (MND1) fuels cell cycle progression by activating a KLF6/E2F1 positive feedback loop in lung adenocarcinoma. <i>Cancer Communications</i> , 2021, 41, 492-510.	3.7	17
1687	The immune landscape during the tumorigenesis of cervical cancer. <i>Cancer Medicine</i> , 2021, 10, 2380-2395.	1.3	22
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1695	Evidence that polyploidy in esophageal adenocarcinoma originates from mitotic slippage caused by defective chromosome attachments. <i>Cell Death and Differentiation</i> , 2021, 28, 2179-2193.	5.0	7
1696	Combination of Immune-Related Genomic Alterations Reveals Immune Characterization and Prediction of Different Prognostic Risks in Ovarian Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 653357.	1.8	1
1698	Targeting Methylglyoxal in Diabetic Kidney Disease Using the Mitochondria-Targeted Compound MitoGamide. <i>Nutrients</i> , 2021, 13, 1457.	1.7	3
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1721	A powerful subset-based method identifies gene set associations and improves interpretation in UK Biobank. <i>American Journal of Human Genetics</i> , 2021, 108, 669-681.	2.6	8
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1725	An Immune-Related Gene Pairs Signature Predicts Prognosis and Immune Heterogeneity in Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 592211.	1.3	1
1726	Polycomb Factor PHF19 Controls Cell Growth and Differentiation Toward Erythroid Pathway in Chronic Myeloid Leukemia Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 655201.	1.8	7
1727	Dual transcriptional analysis reveals adaptation of host and pathogen to intracellular survival of <i>Pseudomonas aeruginosa</i> associated with urinary tract infection. <i>PLoS Pathogens</i> , 2021, 17, e1009534.	2.1	29
1728	Identification of Prognostic Glycolysis-Related lncRNA Signature in Tumor Immune Microenvironment of Hepatocellular Carcinoma. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 645084.	1.6	27
1729	<i>Entamoeba gingivalis</i> Exerts Severe Pathogenic Effects on the Oral Mucosa. <i>Journal of Dental Research</i> , 2021, 100, 771-776.	2.5	12
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1734	Gene expression and immune infiltration in melanoma patients with different mutation burden. <i>BMC Cancer</i> , 2021, 21, 379.	1.1	13
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1737	Genomic profiling reveals heterogeneous populations of ductal carcinoma in situ of the breast. <i>Communications Biology</i> , 2021, 4, 438.	2.0	31
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1739	The microRNA analysis portal is a next-generation tool for exploring and analyzing miRNA-focused data in the literature. <i>Scientific Reports</i> , 2021, 11, 9007.	1.6	8
1740	Excessive <i>α</i> -GlcNAcylation Causes Heart Failure and Sudden Death. <i>Circulation</i> , 2021, 143, 1687-1703.	1.6	65
1743	Sex-stratified genome-wide association study of multisite chronic pain in UK Biobank. <i>PLoS Genetics</i> , 2021, 17, e1009428.	1.5	37
1744	COVID-19 immune features revealed by a large-scale single-cell transcriptome atlas. <i>Cell</i> , 2021, 184, 1895-1913.e19.	13.5	512
1745	Oncogenic translation directs spliceosome dynamics revealing an integral role for SF3A3 in breast cancer. <i>Molecular Cell</i> , 2021, 81, 1453-1468.e12.	4.5	31
1746	Novel approaches to develop biomarkers predicting treatment responses to TNF-blockers. <i>Expert Review of Clinical Immunology</i> , 2021, 17, 331-354.	1.3	1
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1749	Chronic villitis of unknown etiology: Investigations into viral pathogenesis. <i>Placenta</i> , 2021, 107, 24-30.	0.7	11
1751	Overexpression of secretory leukocyte peptidase inhibitor (SLPI) does not modulate experimental osteoarthritis but may be a biomarker for the disease. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 558-567.	0.6	7
1752	Integrative genome-scale analysis of immune infiltration in esophageal carcinoma. <i>International Immunopharmacology</i> , 2021, 93, 107371.	1.7	4
1755	Hypomethylation mediates genetic association with the major histocompatibility complex genes in Sjögren's syndrome. <i>PLoS ONE</i> , 2021, 16, e0248429.	1.1	7
1756	Single Cell Gene Transcriptome Analysis of Ovarian Mature Teratomas. <i>Pathology and Oncology Research</i> , 2021, 27, 604228.	0.9	0
1757	Coding and non-coding roles of MOCCI (C15ORF48) coordinate to regulate host inflammation and immunity. <i>Nature Communications</i> , 2021, 12, 2130.	5.8	56
1758	Targeting resistance to radiation-immunotherapy in cold HNSCCs by modulating the Treg-dendritic cell axis. , 2021, 9, e001955.		28
1759	Identification of 15 lncRNAs Signature for Predicting Survival Benefit of Advanced Melanoma Patients Treated with Anti-PD-1 Monotherapy. <i>Cells</i> , 2021, 10, 977.	1.8	25

#	ARTICLE	IF	CITATIONS
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1764	Measuring and Modelling the Epithelial- Mesenchymal Hybrid State in Cancer: Clinical Implications. <i>Cells Tissues Organs</i> , 2022, 211, 110-133.	1.3	28
1766	Respiratory complex and tissue lineage drive recurrent mutations in tumour mtDNA. <i>Nature Metabolism</i> , 2021, 3, 558-570.	5.1	58
1767	Single-cell multi-omics analysis of the immune response in COVID-19. <i>Nature Medicine</i> , 2021, 27, 904-916.	15.2	452
1770	Characterization of the Survival Influential Genes in Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4384.	1.8	1
1773	Potential Genes and Mechanisms Linking Intracerebral Hemorrhage and Depression: A Bioinformatics-Based Study. <i>International Journal of General Medicine</i> , 2021, Volume 14, 1213-1226.	0.8	2
1774	A signaling pathway-driven bioinformatics pipeline for predicting therapeutics against emerging infectious diseases. <i>F1000Research</i> , 2021, 10, 330.	0.8	4
1775	Differentiation of Hodgkin lymphoma cells by reactive oxygen species and regulation by heme oxygenase-1 through HIF-1 α . <i>Cancer Science</i> , 2021, 112, 2542-2555.	1.7	16
1776	Correlation AnalyzerR: functional predictions from gene co-expression correlations. <i>BMC Bioinformatics</i> , 2021, 22, 206.	1.2	46
1777	A pan-cancer analysis of CpG Island gene regulation reveals extensive plasticity within Polycomb target genes. <i>Nature Communications</i> , 2021, 12, 2485.	5.8	21
1780	Integration of multiomics data with graph convolutional networks to identify new cancer genes and their associated molecular mechanisms. <i>Nature Machine Intelligence</i> , 2021, 3, 513-526.	8.3	91
1781	Exome-Wide Association Study on Alanine Aminotransferase Identifies Sequence Variants in the GPAM and APOE Associated With Fatty Liver Disease. <i>Gastroenterology</i> , 2021, 160, 1634-1646.e7.	0.6	82
1782	Chromatin-Directed Proteomics Identifies ZNF84 as a p53-Independent Regulator of p21 in Genotoxic Stress Response. <i>Cancers</i> , 2021, 13, 2115.	1.7	11
1783	Mutant KRAS Downregulates the Receptor for Leukemia Inhibitory Factor (LIF) to Enhance a Signature of Glycolysis in Pancreatic Cancer and Lung Cancer. <i>Molecular Cancer Research</i> , 2021, 19, 1283-1295.	1.5	15
1784	Mitochondrial STAT3 regulates antioxidant gene expression through complex $\text{l}\hat{\text{e}}$ derived NAD in triple negative breast cancer. <i>Molecular Oncology</i> , 2021, 15, 1432-1449.	2.1	16
1785	Protein structure-based gene expression signatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5
1788	Histological and transcriptional characterization of the pancreatic acinar tissue in type 1 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002076.	1.2	6

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1789	PRESENILIN 1 Mutations Causing Early-Onset Familial Alzheimer's Disease or Familial Acne Inversa Differ in Their Effects on Genes Facilitating Energy Metabolism and Signal Transduction. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 327-347.	1.2	9
1791	Unraveling Immune-Related lncRNAs in Breast Cancer Molecular Subtypes. <i>Frontiers in Oncology</i> , 2021, 11, 692170.	1.3	34
1792	Discovery of Candidate DNA Methylation Cancer Driver Genes. <i>Cancer Discovery</i> , 2021, 11, 2266-2281.	7.7	42
1793	Interpretation of T cell states from single-cell transcriptomics data using reference atlases. <i>Nature Communications</i> , 2021, 12, 2965.	5.8	210
1794	Dual role of the miR-146 family in rhinovirus-induced airway inflammation and allergic asthma exacerbation. <i>Clinical and Translational Medicine</i> , 2021, 11, e427.	1.7	22
1795	Senescence-associated β -galactosidase reveals the abundance of senescent CD8+ T cells in aging humans. <i>Aging Cell</i> , 2021, 20, e13344.	3.0	78
1796	DOT1L modulates the senescence-associated secretory phenotype through epigenetic regulation of IL1A. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	35
1798	Genes and pathways monotonically dysregulated during progression from normal through leukoplakia to gingivo-buccal oral cancer. <i>Npj Genomic Medicine</i> , 2021, 6, 32.	1.7	18
1799	Tumor subtype defines distinct pathways of molecular and clinical progression in primary prostate cancer. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	17
1800	Genoppi is an open-source software for robust and standardized integration of proteomic and genetic data. <i>Nature Communications</i> , 2021, 12, 2580.	5.8	15
1801	High BRCA2 Gene Expression is Associated with Aggressive and Highly Proliferative Breast Cancer. <i>Annals of Surgical Oncology</i> , 2021, 28, 7356-7365.	0.7	20
1802	Pharmacological targeting of TNS3 with histone deacetylase inhibitor as a therapeutic strategy in esophageal squamous cell carcinoma. <i>Aging</i> , 2021, 13, 15336-15352.	1.4	3
1803	ncFANs v2.0: an integrative platform for functional annotation of non-coding RNAs. <i>Nucleic Acids Research</i> , 2021, 49, W459-W468.	6.5	18
1804	Proteomics and Epidemiological Models of Human Aging. <i>Frontiers in Physiology</i> , 2021, 12, 674013.	1.3	10
1805	Transcriptional heterogeneity of stemness phenotypes in the ovarian epithelium. <i>Communications Biology</i> , 2021, 4, 527.	2.0	3
1806	Tumor and immune reprogramming during immunotherapy in advanced renal cell carcinoma. <i>Cancer Cell</i> , 2021, 39, 649-661.e5.	7.7	263
1807	Application of multiple omics and network projection analyses to drug repositioning for pathogenic mosquito-borne viruses. <i>Scientific Reports</i> , 2021, 11, 10136.	1.6	2
1808	Gene Expression Profiling of Olfactory Neuroblastoma Helps Identify Prognostic Pathways and Define Potentially Therapeutic Targets. <i>Cancers</i> , 2021, 13, 2527.	1.7	17

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1813	Epigenetic silencing by SETDB1 suppresses tumour intrinsic immunogenicity. <i>Nature</i> , 2021, 595, 309-314.	13.7	181
1816	Mergeomics 2.0: a web server for multi-omics data integration to elucidate disease networks and predict therapeutics. <i>Nucleic Acids Research</i> , 2021, 49, W375-W387.	6.5	46
1817	A pan-cancer transcriptome analysis of exon splicing identifies novel cancer driver genes and neopeptides. <i>Molecular Cell</i> , 2021, 81, 2246-2260.e12.	4.5	35
1822	Delineating tesamorelin response pathways in HIV-associated NAFLD using a targeted proteomic and transcriptomic approach. <i>Scientific Reports</i> , 2021, 11, 10485.	1.6	6
1823	Hepatic Nfe2l2 Is Not an Essential Mediator of the Metabolic Phenotype Produced by Dietary Methionine Restriction. <i>Nutrients</i> , 2021, 13, 1788.	1.7	5
1825	BRAF Inhibitors Induce Feedback Activation of RAS Pathway in Thyroid Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5744.	1.8	10
1826	Novel cell types and developmental lineages revealed by single-cell RNA-seq analysis of the mouse crista ampullaris. <i>ELife</i> , 2021, 10, .	2.8	23
1827	Evolution of core archetypal phenotypes in progressive high grade serous ovarian cancer. <i>Nature Communications</i> , 2021, 12, 3039.	5.8	24
1828	Predicting COVID-19 Comorbidity Pathway Crosstalk-Based Targets and Drugs: Towards Personalized COVID-19 Management. <i>Biomedicines</i> , 2021, 9, 556.	1.4	20
1829	CRISPR/Cas9 mediated deletion of the adenosine A2A receptor enhances CAR T cell efficacy. <i>Nature Communications</i> , 2021, 12, 3236.	5.8	99
1830	Interleukin-17A Causes Osteoarthritis-Like Transcriptional Changes in Human Osteoarthritis-Derived Chondrocytes and Synovial Fibroblasts In Vitro. <i>Frontiers in Immunology</i> , 2021, 12, 676173.	2.2	26
1831	Monocyte Transcriptional Profiling Highlights a Shift in Immune Signatures Over the Course of Illness in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 649494.	1.3	4
1832	Pan-cancer characterization of metabolism-related biomarkers identifies potential therapeutic targets. <i>Journal of Translational Medicine</i> , 2021, 19, 219.	1.8	8
1834	Protease-activated receptor 1 drives and maintains ductal cell fates in the premalignant pancreas and ductal adenocarcinoma. <i>Molecular Oncology</i> , 2021, 15, 3091-3108.	2.1	2
1835	A community effort to identify and correct mislabeled samples in proteogenomic studies. <i>Patterns</i> , 2021, 2, 100245.	3.1	6
1836	A Novel Three-Gene Score as a Predictive Biomarker for Pathologically Complete Response after Neoadjuvant Chemotherapy in Triple-Negative Breast Cancer. <i>Cancers</i> , 2021, 13, 2401.	1.7	16
1837	A tyrosine kinase inhibitor-induced interferon response positively associates with clinical response in EGFR-mutant lung cancer. <i>Npj Precision Oncology</i> , 2021, 5, 41.	2.3	22

#	ARTICLE	IF	CITATIONS
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1841	Post-stroke Delivery of Valproic Acid Promotes Functional Recovery and Differentially Modifies Responses of Peri-Infarct Microglia. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 639145.	1.4	6
1842	ILF3 Is a Negative Transcriptional Regulator of Innate Immune Responses and Myeloid Dendritic Cell Maturation. <i>Journal of Immunology</i> , 2021, 206, 2949-2965.	0.4	7
1843	PERK/ATF4-Dependent ZFAS1 Upregulation Is Associated with Sorafenib Resistance in Hepatocellular Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5848.	1.8	20
1844	Whole-Genome Sequencing of Common Salivary Gland Carcinomas: Subtype-Restricted and Shared Genetic Alterations. <i>Clinical Cancer Research</i> , 2021, 27, 3960-3969.	3.2	14
1845	Decoupling epithelial-mesenchymal transitions from stromal profiles by integrative expression analysis. <i>Nature Communications</i> , 2021, 12, 2592.	5.8	42
1846	Treatment scheduling effects on the evolution of drug resistance in heterogeneous cancer cell populations. <i>Npj Breast Cancer</i> , 2021, 7, 60.	2.3	19
1848	Integrated Analyses Reveal the Multi-Omics and Prognostic Characteristics of ATP5B in Breast Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 652474.	1.1	5
1849	Tenascin α C promotes epithelial \rightarrow mesenchymal transition and the mTOR signaling pathway in nasopharyngeal carcinoma. <i>Oncology Letters</i> , 2021, 22, 570.	0.8	6
1850	Polygenic risk for traumatic loss-related PTSD in US military veterans: Protective effect of secure attachment style. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 792-799.	1.3	5
1851	Mammary epithelial cells have lineage-rooted metabolic identities. <i>Nature Metabolism</i> , 2021, 3, 665-681.	5.1	24
1852	Glucocorticoid gene signatures in systemic lupus erythematosus and the effects of type I interferon: a cross-sectional and in-vitro study. <i>Lancet Rheumatology</i> , The, 2021, 3, e357-e370.	2.2	14
1853	The PI3-Kinase p110 β Isoform Controls Severity of Cocaine-Induced Sequelae and Alters the Striatal Transcriptome. <i>Biological Psychiatry</i> , 2021, 89, 959-969.	0.7	3
1854	BMAL1 Knockdown Leans Epithelial \leftarrow Mesenchymal Balance toward Epithelial Properties and Decreases the Chemoresistance of Colon Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5247.	1.8	19
1856	Darolutamide Potentiates the Antitumor Efficacy of a PSMA-targeted Thorium-227 Conjugate by a Dual Mode of Action in Prostate Cancer Models. <i>Clinical Cancer Research</i> , 2021, 27, 4367-4378.	3.2	11
1857	Secondary analysis of transcriptomes of SARS-CoV-2 infection models to characterize COVID-19. <i>Patterns</i> , 2021, 2, 100247.	3.1	4
1858	MMP-9 Deletion Attenuates Arteriovenous Fistula Neointima through Reduced Perioperative Vascular Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5448.	1.8	12
1859	Investigation of Early Supplementation of Nucleotides on the Intestinal Maturation of Weaned Piglets. <i>Animals</i> , 2021, 11, 1489.	1.0	3

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1861	PP1 regulatory subunit NIPP1 regulates transcription of E2F1 target genes following DNA damage. <i>Cancer Science</i> , 2021, 112, 2739-2752.	1.7	3
1862	A sustained type I IFN-neutrophil-IL-18 axis drives pathology during mucosal viral infection. <i>ELife</i> , 2021, 10, .	2.8	15
1864	Genomic insights into the pathogenesis of Epstein-Barr virus-associated diffuse large B-cell lymphoma by whole-genome and targeted amplicon sequencing. <i>Blood Cancer Journal</i> , 2021, 11, 102.	2.8	28
1865	Cellular stress promotes NOD1/2-dependent inflammation via the endogenous metabolite sphingosine-1-phosphate. <i>EMBO Journal</i> , 2021, 40, e106272.	3.5	34
1866	Evolution of delayed resistance to immunotherapy in a melanoma responder. <i>Nature Medicine</i> , 2021, 27, 985-992.	15.2	67
1868	An Immunometabolic Shift Modulates Cytotoxic Lymphocyte Activation During Melanoma Progression in TRPA1 Channel Null Mice. <i>Frontiers in Oncology</i> , 2021, 11, 667715.	1.3	5
1869	Leptin receptor is a key gene involved in the immunopathogenesis of thyroid-associated ophthalmopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5799-5810.	1.6	5
1870	Differential alternative RNA splicing and transcription events between tumors from African American and White patients in The Cancer Genome Atlas. <i>Genomics</i> , 2021, 113, 1234-1246.	1.3	10
1871	BMI1 regulates multiple myeloma-associated macrophage TM s pro-myeloma functions. <i>Cell Death and Disease</i> , 2021, 12, 495.	2.7	16
1872	Benchmarking association analyses of continuous exposures with RNA-seq in observational studies. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	3
1873	Enhanced Thermogenesis in Triple-Negative Breast Cancer Is Associated with Pro-Tumor Immune Microenvironment. <i>Cancers</i> , 2021, 13, 2559.	1.7	21
1874	Functional genomics meta-analysis to identify gene set enrichment networks in cardiac hypertrophy. <i>Biological Chemistry</i> , 2021, 402, 953-972.	1.2	3
1875	Accelerating cryoprotectant diffusion kinetics improves cryopreservation of pancreatic islets. <i>Scientific Reports</i> , 2021, 11, 10418.	1.6	8
1877	Efficient generation of isogenic primary human myeloid cells using CRISPR-Cas9 ribonucleoproteins. <i>Cell Reports</i> , 2021, 35, 109105.	2.9	29
1878	A Dynamic Transcription Factor Signature Along the Colorectal Adenoma-Carcinoma Sequence in Patients With Co-Occurrent Adenoma and Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 597447.	1.3	4
1879	Identification of docetaxel-related biomarkers for prostate cancer. <i>Andrologia</i> , 2021, 53, e14079.	1.0	7
1880	Proteotyping of knockout mouse strains reveals sex- and strain-specific signatures in blood plasma. <i>Npj Systems Biology and Applications</i> , 2021, 7, 25.	1.4	2

#	ARTICLE	IF	CITATIONS
1881	Establishment of Novel Prostate Cancer Risk Subtypes and A Twelve-Gene Prognostic Model. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 676138.	1.6	1
1882	Using deep neural networks and interpretability methods to identify gene expression patterns that predict radiomic features and histology in non-small cell lung cancer. <i>Journal of Medical Imaging</i> , 2021, 8, 031906.	0.8	11
1883	Mastermind Like Transcriptional Coactivator 3 (MAML3) Drives Neuroendocrine Tumor Progression. <i>Molecular Cancer Research</i> , 2021, 19, 1476-1485.	1.5	11
1884	Mediator of DNA Damage Checkpoint 1 (MDC1) Is a Novel Estrogen Receptor Coregulator in Invasive Lobular Carcinoma of the Breast. <i>Molecular Cancer Research</i> , 2021, 19, 1270-1282.	1.5	9
1885	Dynamic landscape of immune cell-specific gene regulation in immune-mediated diseases. <i>Cell</i> , 2021, 184, 3006-3021.e17.	13.5	147
1886	Single-PanIN-seq unveils that ARID1A deficiency promotes pancreatic tumorigenesis by attenuating KRAS-induced senescence. <i>ELife</i> , 2021, 10, .	2.8	5
1887	Implementation of dietary methionine restriction using casein after selective, oxidative deletion of methionine. <i>IScience</i> , 2021, 24, 102470.	1.9	8
1888	Single-cell RNA sequencing reveals the sustained immune cell dysfunction in the pathogenesis of sepsis secondary to bacterial pneumonia. <i>Genomics</i> , 2021, 113, 1219-1233.	1.3	29
1889	Integrative Multi-omics Analysis to Characterize Human Brain Ischemia. <i>Molecular Neurobiology</i> , 2021, 58, 4107-4121.	1.9	12
1890	Using interpretable deep learning to model cancer dependencies. <i>Bioinformatics</i> , 2021, 37, 2675-2681.	1.8	12
1891	GLIPR1 and SPARC expression profile reveals a signature associated with prostate Cancer Brain metastasis. <i>Molecular and Cellular Endocrinology</i> , 2021, 528, 111230.	1.6	4
1892	Brain gene co-expression networks link complement signaling with convergent synaptic pathology in schizophrenia. <i>Nature Neuroscience</i> , 2021, 24, 799-809.	7.1	44
1893	Single-keratinocyte transcriptomic analyses identify different clonal types and proliferative potential mediated by FOXM1 in human epidermal stem cells. <i>Nature Communications</i> , 2021, 12, 2505.	5.8	31
1895	Identification of diagnostic genes and vital microRNAs involved in rheumatoid arthritis: based on data mining and experimental verification. <i>PeerJ</i> , 2021, 9, e11427.	0.9	6
1896	Exogenous oxidative stress suppresses IL-33 -driven proliferation programming in group 2 innate lymphoid cells. <i>International Immunopharmacology</i> , 2021, 95, 107541.	1.7	1
1897	Gene Expression Signature Correlates with Outcomes in Metastatic Renal Cell Carcinoma Patients Treated with Everolimus Alone or with a Vascular Disrupting Agent. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1454-1461.	1.9	6
1898	EHF is essential for epidermal and colonic epithelial homeostasis, and suppresses <i>Apc</i> -initiated colonic tumorigenesis. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	8
1899	Secretory microRNA Profiles of Third- and Fourth-Stage <i>Dirofilaria immitis</i> Larvae with Different Macrocyclic Lactone Susceptibility: In Search of Biomarkers for Early Detection of Infection. <i>Pathogens</i> , 2021, 10, 786.	1.2	4

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1901	High-fat diet-activated fatty acid oxidation mediates intestinal stemness and tumorigenicity. <i>Cell Reports</i> , 2021, 35, 109212.	2.9	85
1902	GSEAPLOT: A Package for Customizing Gene Set Enrichment Analysis in R. <i>Journal of Computational Biology</i> , 2021, 28, 629-631.	0.8	12
1904	TSCCA: A tensor sparse CCA method for detecting microRNA-gene patterns from multiple cancers. <i>PLoS Computational Biology</i> , 2021, 17, e1009044.	1.5	10
1905	<i>CRY2</i> missense mutations suppress P53 and enhance cell growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	17
1906	Connectivity Map Analysis Indicates PI3K/Akt/mTOR Inhibitors as Potential Anti-Hypoxia Drugs in Neuroblastoma. <i>Cancers</i> , 2021, 13, 2809.	1.7	10
1909	Glucose clearance and uptake is increased in the SOD1 ^{G93A} mouse model of amyotrophic lateral sclerosis through an insulin-independent mechanism. <i>FASEB Journal</i> , 2021, 35, e21707.	0.2	9
1910	The subtype-specific molecular function of <i>SPDEF</i> in breast cancer and insights into prognostic significance. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7307-7320.	1.6	6
1911	Molecular docking-aided identification of small molecule inhibitors targeting β -catenin-TCF4 interaction. <i>IScience</i> , 2021, 24, 102544.	1.9	6
1912	Reovirus Low-Density Particles Package Cellular RNA. <i>Viruses</i> , 2021, 13, 1096.	1.5	2
1913	Bioinformatic Analysis Reveals Central Role for Tumor-Infiltrating Immune Cells in Uveal Melanoma Progression. <i>Journal of Immunology Research</i> , 2021, 2021, 1-18.	0.9	7
1914	Normalization by distributional resampling of high throughput single-cell RNA-sequencing data. <i>Bioinformatics</i> , 2021, 37, 4123-4128.	1.8	13
1915	Inactivation of the Euchromatic Histone-Lysine N-Methyltransferase 2 Pathway in Pancreatic Epithelial Cells Antagonizes Cancer Initiation and Pancreatitis-Associated Promotion by Altering Growth and Immune Gene Expression Networks. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 681153.	1.8	5
1916	Central nervous system (CNS) transcriptomic correlates of human immunodeficiency virus (HIV) brain RNA load in HIV-infected individuals. <i>Scientific Reports</i> , 2021, 11, 12176.	1.6	15
1917	Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth. <i>Cell Reports Medicine</i> , 2021, 2, 100323.	3.3	47
1918	IL-6 contributes to metastatic switch via the differentiation of monocytic-dendritic progenitors into prometastatic immune cells. , 2021, 9, e002856.		19
1919	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. <i>Gastroenterology</i> , 2021, 160, 2435-2450.e34.	0.6	118
1920	Molecular associations and clinical significance of core NHEJ pathway genes in renal clear cell carcinoma. <i>Gene Reports</i> , 2021, 23, 101167.	0.4	0

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1923	Toll-Like Receptor 4 as a Favorable Prognostic Marker in Bladder Cancer: A Multi-Omics Analysis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 651560.	1.8	11
1924	Notch signaling and efficacy of PD-1/PD-L1 blockade in relapsed small cell lung cancer. <i>Nature Communications</i> , 2021, 12, 3880.	5.8	71
1925	ATR Inhibition Induces CDK1-SPOP Signaling and Enhances Anti-PD-L1 Cytotoxicity in Prostate Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4898-4909.	3.2	66
1926	Comparative analysis of 1152 African-American and European-American men with prostate cancer identifies distinct genomic and immunological differences. <i>Communications Biology</i> , 2021, 4, 670.	2.0	50
1927	Systematic analysis of molecular characterization and clinical relevance of m6A regulators in digestive system pan-cancers. <i>Experimental Biology and Medicine</i> , 2021, 246, 2007-2018.	1.1	1
1928	Longitudinal analysis reveals that delayed bystander CD8+ T cell activation and early immune pathology distinguish severe COVID-19 from mild disease. <i>Immunity</i> , 2021, 54, 1257-1275.e8.	6.6	230
1929	Endothelial Immunity Trained by Coronavirus Infections, DAMP Stimulations and Regulated by Anti-Oxidant NRF2 May Contribute to Inflammations, Myelopoiesis, COVID-19 Cytokine Storms and Thromboembolism. <i>Frontiers in Immunology</i> , 2021, 12, 653110.	2.2	43
1930	Clinicopathological and molecular characterization of chromophobe hepatocellular carcinoma. <i>Liver International</i> , 2021, 41, 2499-2510.	1.9	6
1931	Identification of an EMT-Related Gene Signature for Predicting Overall Survival in Gastric Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 661306.	1.1	20
1932	Bioinformatics Analysis of Autophagy-related lncRNAs in Esophageal Carcinoma. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, 1374-1384.	0.6	1
1933	CD3+CD4+gp130+ T Cells Are Associated With Worse Disease Activity in Systemic Lupus Erythematosus Patients. <i>Frontiers in Immunology</i> , 2021, 12, 675250.	2.2	5
1934	Genome-wide copy number variation analysis of hepatitis B infection in a Japanese population. <i>Human Genome Variation</i> , 2021, 8, 22.	0.4	1
1935	Oncogenic BRAF, unrestrained by TGF β 2-receptor signalling, drives right-sided colonic tumorigenesis. <i>Nature Communications</i> , 2021, 12, 3464.	5.8	33
1936	Rhinovirus Reduces the Severity of Subsequent Respiratory Viral Infections by Interferon-Dependent and -Independent Mechanisms. <i>MSphere</i> , 2021, 6, e0047921.	1.3	13
1937	A Novel Autophagy-Related lncRNA Gene Signature to Improve the Prognosis of Patients with Melanoma. <i>BioMed Research International</i> , 2021, 2021, 1-12.	0.9	11
1938	De Novo Mutation in Non-Tyrosine Kinase Domain of ROS1 as a Potential Predictor of Immune Checkpoint Inhibitors in Melanoma. <i>Frontiers in Oncology</i> , 2021, 11, 666145.	1.3	2
1939	RNA sequencing of long-term label-retaining colon cancer stem cells identifies novel regulators of quiescence. <i>IScience</i> , 2021, 24, 102618.	1.9	6
1940	Dimethyl fumarate reduces hepatocyte senescence following paracetamol exposure. <i>IScience</i> , 2021, 24, 102552.	1.9	9

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1941	Alternative splicing perturbation landscape identifies RNA binding proteins as potential therapeutic targets in cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 792-806.	2.3	15
1942	Identification of Radiotherapy-Associated Genes in Lung Adenocarcinoma by an Integrated Bioinformatics Analysis Approach. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 624575.	1.6	9
1944	NRG4-ErbB4 signaling represses proinflammatory macrophage activity. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G990-G1001.	1.6	11
1946	Type I interferon decreases macrophage energy metabolism during mycobacterial infection. <i>Cell Reports</i> , 2021, 35, 109195.	2.9	63
1947	High-Resolution Cartography of the Transcriptome and Methylome Landscapes of Diffuse Gliomas. <i>Cancers</i> , 2021, 13, 3198.	1.7	6
1948	Association of CXCR6 with COVID-19 severity: delineating the host genetic factors in transcriptomic regulation. <i>Human Genetics</i> , 2021, 140, 1313-1328.	1.8	33
1949	Aramchol downregulates stearyl CoA-desaturase 1 in hepatic stellate cells to attenuate cellular fibrogenesis. <i>JHEP Reports</i> , 2021, 3, 100237.	2.6	32
1950	Multiplexed proteomics of autophagy-deficient murine macrophages reveals enhanced antimicrobial immunity via the oxidative stress response. <i>ELife</i> , 2021, 10, .	2.8	10
1951	Functional genomics of GPR126 in airway smooth muscle and bronchial epithelial cells. <i>FASEB Journal</i> , 2021, 35, e21300.	0.2	7
1952	Conserved pan-cancer microenvironment subtypes predict response to immunotherapy. <i>Cancer Cell</i> , 2021, 39, 845-865.e7.	7.7	503
1953	Comprehensive transcriptome analysis of erythroid differentiation potential of olive leaf in haematopoietic stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7229-7243.	1.6	4
1954	Genome-Wide Analysis Reveals Hypoxic Microenvironment Is Associated With Immunosuppression in Poor Survival of Stage II/III Colorectal Cancer Patients. <i>Frontiers in Medicine</i> , 2021, 8, 686885.	1.2	5
1955	Oncogenic <i>Kras</i> G12D Activation in the Nonhematopoietic Bone Marrow Microenvironment Causes Myelodysplastic Syndrome in Mice. <i>Molecular Cancer Research</i> , 2021, 19, 1596-1608.	1.5	5
1956	Aneuploid senescent cells activate NF- κ B to promote their immune clearance by NK cells. <i>EMBO Reports</i> , 2021, 22, e52032.	2.0	42
1958	Evolution of fibroblasts in the lung metastatic microenvironment is driven by stage-specific transcriptional plasticity. <i>ELife</i> , 2021, 10, .	2.8	23
1960	Prognostic SLC family genes promote cell proliferation, migration, and invasion in hepatocellular carcinoma. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1065-1075.	0.9	12
1961	Glycolysis-Related Gene Expression Profiling Screen for Prognostic Risk Signature of Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Genetics</i> , 2021, 12, 639246.	1.1	11
1963	Gene expression analysis in EBV-infected ataxia-telangiectasia cell lines by RNA-sequencing reveals protein synthesis defect and immune abnormalities. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 288.	1.2	1

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1965	Identifying Cancer Drivers Using DRIVE: A Feature-Based Machine Learning Model for a Pan-Cancer Assessment of Somatic Missense Mutations. <i>Cancers</i> , 2021, 13, 2779.	1.7	4
1966	Involvement of plasminogen activator inhibitor-1 and its related molecules in atrial fibrosis in patients with atrial fibrillation. <i>PeerJ</i> , 2021, 9, e11488.	0.9	3
1967	Comprehensive Data Integration Approach to Assess Immune Responses and Correlates of RTS,S/AS01-Mediated Protection From Malaria Infection in Controlled Human Malaria Infection Trials. <i>Frontiers in Big Data</i> , 2021, 4, 672460.	1.8	8
1968	Integrated analysis of single-cell RNA-seq and bulk RNA-seq reveals distinct cancer-associated fibroblasts in head and neck squamous cell carcinoma. <i>Annals of Translational Medicine</i> , 2021, 9, 1017-1017.	0.7	14
1969	ZNRF3 and RNF43 cooperate to safeguard metabolic liver zonation and hepatocyte proliferation. <i>Cell Stem Cell</i> , 2021, 28, 1822-1837.e10.	5.2	42
1970	Exploring the Metabolic Heterogeneity of Cancers: A Benchmark Study of Context-Specific Models. <i>Journal of Personalized Medicine</i> , 2021, 11, 496.	1.1	11
1971	Machine learning for perturbational single-cell omics. <i>Cell Systems</i> , 2021, 12, 522-537.	2.9	52
1972	Thermal proteome profiling identifies PIP4K2A and ZADH2 as off-targets of Polo-like kinase 1 inhibitor volasertib. <i>FASEB Journal</i> , 2021, 35, e21741.	0.2	5
1974	Critical COVID-19 is associated with distinct leukocyte phenotypes and transcriptome patterns. <i>Journal of Internal Medicine</i> , 2021, 290, 677-692.	2.7	20
1976	Eutopic endometrium from women with endometriosis and chlamydial endometritis share immunological cell types and DNA repair imbalance: A transcriptome meta-analytical perspective. <i>Journal of Reproductive Immunology</i> , 2021, 145, 103307.	0.8	8
1977	Influence of Tumor Immune Infiltration on Immune Checkpoint Inhibitor Therapeutic Efficacy: A Computational Retrospective Study. <i>Frontiers in Immunology</i> , 2021, 12, 685370.	2.2	32
1978	Pan-cancer characterization of lncRNA modifiers of immune microenvironment reveals clinically distinct de novo tumor subtypes. <i>Npj Genomic Medicine</i> , 2021, 6, 52.	1.7	15
1979	Integrated analysis of multiple microarray studies to identify potential pathogenic gene modules in preeclampsia. <i>Experimental and Molecular Pathology</i> , 2021, 120, 104631.	0.9	6
1981	Protein mimetic amyloid inhibitor potently abrogates cancer-associated mutant p53 aggregation and restores tumor suppressor function. <i>Nature Communications</i> , 2021, 12, 3962.	5.8	53
1982	NPRL2 reduces the niraparib sensitivity of castration-resistant prostate cancer via interacting with UBE2M and enhancing neddylation. <i>Experimental Cell Research</i> , 2021, 403, 112614.	1.2	5
1983	Comprehensive micro-scaled proteome and phosphoproteome characterization of archived retrospective cancer repositories. <i>Nature Communications</i> , 2021, 12, 3576.	5.8	39
1984	The RNA Atlas expands the catalog of human non-coding RNAs. <i>Nature Biotechnology</i> , 2021, 39, 1453-1465.	9.4	75
1985	Association of Circadian Clock Gene Expression with Glioma Tumor Microenvironment and Patient Survival. <i>Cancers</i> , 2021, 13, 2756.	1.7	9

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1986	Pan-cancer characterization of long non-coding RNA and DNA methylation mediated transcriptional dysregulation. <i>EBioMedicine</i> , 2021, 68, 103399.	2.7	25
1987	A network-biology approach for identification of key genes and pathways involved in malignant peritoneal mesothelioma. <i>Genomics and Informatics</i> , 2021, 19, e16.	0.4	4
1988	A Liquid-Liquid Phase Separation-Related Gene Signature as Prognostic Biomarker for Epithelial Ovarian Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 671892.	1.3	10
1989	Modeling transcriptomic age using knowledge-primed artificial neural networks. <i>Npj Aging and Mechanisms of Disease</i> , 2021, 7, 15.	4.5	27
1990	A Novel Computational Framework to Predict Disease-Related Copy Number Variations by Integrating Multiple Data Sources. <i>Frontiers in Genetics</i> , 2021, 12, 696956.	1.1	7
1992	Biomedical Entity Explorer: A Web Server for Biomedical Entity Exploration. <i>Journal of Computational Biology</i> , 2021, 28, 619-628.	0.8	0
1993	KRAS mutant rectal cancer cells interact with surrounding fibroblasts to deplete the extracellular matrix. <i>Molecular Oncology</i> , 2021, 15, 2766-2781.	2.1	7
1994	Adipogenesis in triple-negative breast cancer is associated with unfavorable tumor immune microenvironment and with worse survival. <i>Scientific Reports</i> , 2021, 11, 12541.	1.6	25
1995	Adrenocortical Carcinoma Steroid Profiles: In Silico Pan-Cancer Analysis of TCGA Data Uncovers Immunotherapy Targets for Potential Improved Outcomes. <i>Frontiers in Endocrinology</i> , 2021, 12, 672319.	1.5	6
1997	Human induced pluripotent stem cell derived hepatocytes provide insights on parenteral nutrition associated cholestasis in the immature liver. <i>Scientific Reports</i> , 2021, 11, 12386.	1.6	5
1998	Molecular Associations and Clinical Significance of RAPs in Hepatocellular Carcinoma. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 677979.	1.6	8
1999	Multivariate transcriptome analysis identifies networks and key drivers of chronic lymphocytic leukemia relapse risk and patient survival. <i>BMC Medical Genomics</i> , 2021, 14, 171.	0.7	3
2000	In vitro responses to platelet-rich-plasma are associated with variable clinical outcomes in patients with knee osteoarthritis. <i>Scientific Reports</i> , 2021, 11, 11493.	1.6	12
2001	Tumor-Infiltrating B Lymphocyte Profiling Identifies IgG-Biased, Clonally Expanded Prognostic Phenotypes in Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2021, 81, 4290-4304.	0.4	40
2004	Early whole blood transcriptional responses to radiation-attenuated <i>Plasmodium falciparum</i> sporozoite vaccination in malaria naïve and malaria pre-exposed adult volunteers. <i>Malaria Journal</i> , 2021, 20, 308.	0.8	6
2005	The site of breast cancer metastases dictates their clonal composition and reversible transcriptomic profile. <i>Science Advances</i> , 2021, 7, .	4.7	23
2006	Identification of survival-related alternative splicing signatures in acute myeloid leukemia. <i>Bioscience Reports</i> , 2021, 41, .	1.1	5
2008	ADEIP: an integrated platform of age-dependent expression and immune profiles across human tissues. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	6

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2010	The Role of Reduced Methionine in Mediating the Metabolic Responses to Protein Restriction Using Different Sources of Protein. <i>Nutrients</i> , 2021, 13, 2609.	1.7	7
2011	Molecular features and vulnerabilities of recurrent chordomas. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 244.	3.5	4
2012	Uncoupling of gene expression from copy number presents therapeutic opportunities in aneuploid cancers. <i>Cell Reports Medicine</i> , 2021, 2, 100349.	3.3	6
2013	Chemotherapy induces canalization of cell state in childhood B-cell precursor acute lymphoblastic leukemia. <i>Nature Cancer</i> , 2021, 2, 835-852.	5.7	25
2014	Transcriptome Analysis of Kidney Grafts Subjected to Normothermic Ex Vivo Perfusion Demonstrates an Enrichment of Mitochondrial Metabolism Genes. <i>Transplantation Direct</i> , 2021, 7, e719.	0.8	7
2015	LncGSEA: a versatile tool to infer lncRNA associated pathways from large-scale cancer transcriptome sequencing data. <i>BMC Genomics</i> , 2021, 22, 574.	1.2	2
2016	The N6-Methyladenosine-Modified Pseudogene HSPA7 Correlates With the Tumor Microenvironment and Predicts the Response to Immune Checkpoint Therapy in Glioblastoma. <i>Frontiers in Immunology</i> , 2021, 12, 653711.	2.2	25
2019	Identification of Key Biomarkers and Immune Infiltration in Systemic Juvenile Idiopathic Arthritis by Integrated Bioinformatic Analysis. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 681526.	1.6	2
2020	Patient-derived models recapitulate heterogeneity of molecular signatures and drug response in pediatric high-grade glioma. <i>Nature Communications</i> , 2021, 12, 4089.	5.8	27
2021	Comparative Analysis of Mammal Genomes Unveils Key Genomic Variability for Human Life Span. <i>Molecular Biology and Evolution</i> , 2021, 38, 4948-4961.	3.5	15
2024	Optimized Molecular Interaction Networks for the Study of Skeletal Muscle. <i>Journal of Neuromuscular Diseases</i> , 2021, 8, 1-17.	1.1	0
2026	DNA Damage Repair Status Predicts Opposite Clinical Prognosis Immunotherapy and Non-Immunotherapy in Hepatocellular Carcinoma. <i>Frontiers in Immunology</i> , 2021, 12, 676922.	2.2	15
2027	Immune Phenotype and Response to Neoadjuvant Therapy in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 5365-5375.	3.2	29
2028	An Immune-Related Gene-Based Signature as Prognostic Tool in Ovarian Serous Cystadenocarcinoma. <i>International Journal of General Medicine</i> , 2021, Volume 14, 4095-4104.	0.8	4
2032	Unexpected suppression of tumorigenesis by c-MYC via TFAP4-dependent restriction of stemness in B lymphocytes. <i>Blood</i> , 2021, 138, 2526-2538.	0.6	5
2033	SPTAN1 Expression Predicts Treatment and Survival Outcomes in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 3638.	1.7	2
2034	Identification of pathological transcription in autosomal dominant polycystic kidney disease epithelia. <i>Scientific Reports</i> , 2021, 11, 15139.	1.6	1
2035	Multi-omics reveals clinically relevant proliferative drive associated with mTOR-MYC-OXPHOS activity in chronic lymphocytic leukemia. <i>Nature Cancer</i> , 2021, 2, 853-864.	5.7	32

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2036	First-line avelumab in a cohort of 116 patients with metastatic Merkel cell carcinoma (JAVELIN Merkel) Tj ETQq0 0 0 rgBT /Overlock 10 T		52
2037	A High Epigenetic Risk Score Shapes the Non-Inflamed Tumor Microenvironment in Breast Cancer. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 675198.	1.6	1
2038	Genetic and chemical inhibition of IRF5 suppresses pre-existing mouse lupus-like disease. <i>Nature Communications</i> , 2021, 12, 4379.	5.8	24
2040	Defining candidate mRNA and protein EV biomarkers to discriminate ccRCC and pRCC from non-malignant renal cells in vitro. <i>Medical Oncology</i> , 2021, 38, 105.	1.2	5
2041	Whole-genome analysis of TET dioxygenase function in regulatory T cells. <i>EMBO Reports</i> , 2021, 22, e52716.	2.0	19
2042	Transcriptome Analysis of Peripheral Blood Mononuclear Cells Reveals Distinct Immune Response in Asymptomatic and Re-Detectable Positive COVID-19 Patients. <i>Frontiers in Immunology</i> , 2021, 12, 716075.	2.2	13
2043	Establishment of a Plasticity-Associated Risk Model Based on a SOX2- and SOX9-Related Gene Set in Head and Neck Squamous Cell Carcinoma. <i>Molecular Cancer Research</i> , 2021, 19, 1676-1687.	1.5	3
2044	Venn diagram analysis overestimates the extent of circadian rhythm reprogramming. <i>FEBS Journal</i> , 2022, 289, 6605-6621.	2.2	40
2045	HLA-dependent heterogeneity and macrophage immunoproteasome activation during lung COVID-19 disease. <i>Journal of Translational Medicine</i> , 2021, 19, 290.	1.8	16
2046	The predicting roles of carcinoembryonic antigen and its underlying mechanism in the progression of coronavirus disease 2019. <i>Critical Care</i> , 2021, 25, 234.	2.5	10
2047	An integrated functional and clinical genomics approach reveals genes driving aggressive metastatic prostate cancer. <i>Nature Communications</i> , 2021, 12, 4601.	5.8	18
2048	Synergistic AHR Binding Pathway with EMT Effects on Serous Ovarian Tumors Recognized by Multidisciplinary Integrated Analysis. <i>Biomedicines</i> , 2021, 9, 866.	1.4	5
2049	Chronic obstructive pulmonary disease does not impair responses to resistance training. <i>Journal of Translational Medicine</i> , 2021, 19, 292.	1.8	5
2050	The Cancer SENESCopedia: A delineation of cancer cell senescence. <i>Cell Reports</i> , 2021, 36, 109441.	2.9	84
2052	The p53 transcriptional response across tumor types reveals core and senescence-specific signatures modulated by long noncoding RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
2053	Single-Cell RNA-Sequencing Reveals Lineage-Specific Regulatory Changes of Fibroblasts and Vascular Endothelial Cells in Keloids. <i>Journal of Investigative Dermatology</i> , 2022, 142, 124-135.e11.	0.3	52
2054	Transcriptomic heterogeneity of antibody mediated rejection after heart transplant with or without donor specific antibodies. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 1472-1480.	0.3	9
2055	Translocated microbiome composition determines immunological outcome in treated HIV infection. <i>Cell</i> , 2021, 184, 3899-3914.e16.	13.5	35

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2056	Multi-Omics Data Integration Analysis of an Immune-Related Gene Signature in LGG Patients With Epilepsy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686909.	1.8	18
2057	Glioblastomas within the Subventricular Zone Are Region-Specific Enriched for Mesenchymal Transition Markers: An Intratumoral Gene Expression Analysis. <i>Cancers</i> , 2021, 13, 3764.	1.7	6
2058	A transcriptomic model for homologous recombination deficiency in prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 659-665.	2.0	9
2059	Hippocampal Transcriptome Changes After Subarachnoid Hemorrhage in Mice. <i>Frontiers in Neurology</i> , 2021, 12, 691631.	1.1	4
2060	Characterisation of Neurospheres-Derived Cells from Human Olfactory Epithelium. <i>Cells</i> , 2021, 10, 1690.	1.8	1
2062	Mapping the landscape of chromatin dynamics during naïve CD4+ T-cell activation. <i>Scientific Reports</i> , 2021, 11, 14101.	1.6	10
2063	3D heterospecies spheroids of pancreatic stroma and cancer cells demonstrate key phenotypes of pancreatic ductal adenocarcinoma. <i>Translational Oncology</i> , 2021, 14, 101107.	1.7	8
2064	Effects of Sodium-Glucose Linked Transporter 2 Inhibition With Ertugliflozin on Mitochondrial Function, Energetics, and Metabolic Gene Expression in the Presence and Absence of Diabetes Mellitus in Mice. <i>Journal of the American Heart Association</i> , 2021, 10, e019995.	1.6	39
2065	A pan-cancer organoid platform for precision medicine. <i>Cell Reports</i> , 2021, 36, 109429.	2.9	45
2066	Integrated Analysis of Weighted Gene Coexpression Network Analysis Identifying Six Genes as Novel Biomarkers for Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	18
2067	Diet-regulated production of PDGF α by macrophages controls energy storage. <i>Science</i> , 2021, 373, .	6.0	84
2068	Pre-conditioning modifies the TME to enhance solid tumor CAR T cell efficacy and endogenous protective immunity. <i>Molecular Therapy</i> , 2021, 29, 2335-2349.	3.7	51
2069	PD-1-induced proliferating T cells exhibit a distinct transcriptional signature. <i>Immunology</i> , 2021, 164, 555-568.	2.0	5
2071	Classification of High-Grade Serous Ovarian Carcinoma by Epithelial-to-Mesenchymal Transition Signature and Homologous Recombination Repair Genes. <i>Genes</i> , 2021, 12, 1103.	1.0	10
2073	A blood-based prognostic liver secretome signature and long-term hepatocellular carcinoma risk in advanced liver fibrosis. <i>Med</i> , 2021, 2, 836-850.e10.	2.2	31
2074	Hepatitis B virus compartmentalization and single-cell differentiation in hepatocellular carcinoma. <i>Life Science Alliance</i> , 2021, 4, e202101036.	1.3	4
2075	Lupus susceptibility gene <i>Esrrg</i> modulates regulatory T cells through mitochondrial metabolism. <i>JCI Insight</i> , 2021, 6, .	2.3	11
2076	Meta-Analysis of Microdissected Breast Tumors Reveals Genes Regulated in the Stroma but Hidden in Bulk Analysis. <i>Cancers</i> , 2021, 13, 3371.	1.7	9

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2078	Single-cell transcriptomic profile of human pulmonary artery endothelial cells in health and pulmonary arterial hypertension. <i>Scientific Reports</i> , 2021, 11, 14714.	1.6	15
2079	An N6-Methyladenosine-Related Gene Set Variation Score as a Prognostic Tool for Lung Adenocarcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 651575.	1.8	8
2080	Dimensionality reduction by UMAP reinforces sample heterogeneity analysis in bulk transcriptomic data. <i>Cell Reports</i> , 2021, 36, 109442.	2.9	67
2081	Pulmonary mesenchymal stem cells are engaged in distinct steps of host response to respiratory syncytial virus infection. <i>PLoS Pathogens</i> , 2021, 17, e1009789.	2.1	6
2083	Perturbation of semaphorin and VEGF signaling in ACDMPV lungs due to FOXF1 deficiency. <i>Respiratory Research</i> , 2021, 22, 212.	1.4	11
2084	ETV7 regulates breast cancer stem-like cell features by repressing IFN-response genes. <i>Cell Death and Disease</i> , 2021, 12, 742.	2.7	16
2086	Loss of MGA repression mediated by an atypical polycomb complex promotes tumor progression and invasiveness. <i>ELife</i> , 2021, 10, .	2.8	26
2087	Doublecortin-Like Kinase 1 (DCLK1) Is a Novel NOTCH Pathway Signaling Regulator in Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 677051.	1.3	16
2088	Monocyte metabolic transcriptional programs associate with resistance to tuberculin skin test/interferon- γ release assay conversion. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	13
2089	Combining gene expression signature with clinical features for survival stratification of gastric cancer. <i>Genomics</i> , 2021, 113, 2683-2694.	1.3	7
2090	Systematic analysis of SARS-CoV-2 infection of an ACE2-negative human airway cell. <i>Cell Reports</i> , 2021, 36, 109364.	2.9	109
2091	Discovery of Cellular RhoA Functions by the Integrated Application of Gene Set Enrichment Analysis. <i>Biomolecules and Therapeutics</i> , 2021, , .	1.1	3
2092	Interpretable, Scalable, and Transferrable Functional Projection of Large-Scale Transcriptome Data Using Constrained Matrix Decomposition. <i>Frontiers in Genetics</i> , 2021, 12, 719099.	1.1	2
2093	Genetic Prioritization, Therapeutic Repositioning and Cross-Disease Comparisons Reveal Inflammatory Targets Tractable for Kidney Stone Disease. <i>Frontiers in Immunology</i> , 2021, 12, 687291.	2.2	6
2094	Spatiotemporal Immune Landscape of Colorectal Cancer Liver Metastasis at Single-Cell Level. <i>Cancer Discovery</i> , 2022, 12, 134-153.	7.7	286
2095	A signaling pathway-driven bioinformatics pipeline for predicting therapeutics against emerging infectious diseases. <i>F1000Research</i> , 0, 10, 330.	0.8	8
2097	A Robust Hypoxia Risk Score Predicts the Clinical Outcomes and Tumor Microenvironment Immune Characters in Bladder Cancer. <i>Frontiers in Immunology</i> , 2021, 12, 725223.	2.2	24

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2100	ACE2 protein expression within isogenic cell lines is heterogeneous and associated with distinct transcriptomes. Scientific Reports, 2021, 11, 15900.	1.6	24
2101	Development of the genomic inflammatory index (GII) to assess key maternal antecedents associated with placental inflammation. Placenta, 2021, 111, 82-90.	0.7	1
2102	Proteomic profiling identifies CLEC4C expression as a novel biomarker of primary graft dysfunction after heart transplantation. Journal of Heart and Lung Transplantation, 2021, 40, 1589-1598.	0.3	12
2103	Inflammasome-induced extracellular vesicles harbour distinct RNA signatures and alter bystander macrophage responses. Journal of Extracellular Vesicles, 2021, 10, e12127.	5.5	36
2104	Key sunitinib-related biomarkers for renal cell carcinoma. Cancer Medicine, 2021, 10, 6917-6930.	1.3	11
2105	Microfluidic device with brain extracellular matrix promotes structural and functional maturation of human brain organoids. Nature Communications, 2021, 12, 4730.	5.8	164
2106	Identification of Immune-Related Risk Signatures for the Prognostic Prediction in Oral Squamous Cell Carcinoma. Journal of Immunology Research, 2021, 2021, 1-13.	0.9	10
2107	Viral Status Predicts the Patterns of Genome Methylation and Decitabine Response in Merkel Cell Carcinoma. Journal of Investigative Dermatology, 2022, 142, 641-652.	0.3	9
2108	Transforming growth factor- β -regulated mTOR activity preserves cellular metabolism to maintain long-term T cell responses in chronic infection. Immunity, 2021, 54, 1698-1714.e5.	6.6	82
2109	The Cyclin-Dependent Kinase 8 (CDK8) Inhibitor DCA Promotes a Tolerogenic Chemical Immunophenotype in CD4 ⁺ T Cells via a Novel CDK8-GATA3-FOXP3 Pathway. Molecular and Cellular Biology, 2021, 41, e0008521.	1.1	3
2110	Molecular underpinnings of glandular tropism in metastatic clear cell renal cell carcinoma: therapeutic implications. Acta Oncologica, 2021, 60, 1499-1506.	0.8	12
2111	Transcriptomic analysis of the mouse retina after acute and chronic normobaric and hypobaric hypoxia. Scientific Reports, 2021, 11, 16666.	1.6	11
2112	Pan-cancer analysis of longitudinal metastatic tumors reveals genomic alterations and immune landscape dynamics associated with pembrolizumab sensitivity. Nature Communications, 2021, 12, 5137.	5.8	63
2114	Clinical Positioning of the IAP Antagonist Tolinapant (ASTX660) in Colorectal Cancer. Molecular Cancer Therapeutics, 2021, 20, 1627-1639.	1.9	13
2115	Transcriptional Reprogramming and Constitutive PD-L1 Expression in Melanoma Are Associated with Dedifferentiation and Activation of Interferon and Tumour Necrosis Factor Signalling Pathways. Cancers, 2021, 13, 4250.	1.7	9
2116	Predicting Molecular Phenotypes from Histopathology Images: A Transcriptome-Wide Expression Morphology Analysis in Breast Cancer. Cancer Research, 2021, 81, 5115-5126.	0.4	32
2117	Distinct Hepatic Gene Expression Patterns of NAFLD in Patients With Obesity. Hepatology Communications, 2022, 6, 77-89.	2.0	25

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2119	Comprehensive investigation of RNA-seq dataset reveals the hub genes and molecular mechanisms of coronavirus disease 2019 acute respiratory distress syndrome. <i>IET Systems Biology</i> , 2021, 15, 205-218.	0.8	4
2122	The Evolution of Acquired Resistance to BRAFV600E Kinase Inhibitor Is Sustained by IGF1-Driven Tumor Vascular Remodeling. <i>Journal of Investigative Dermatology</i> , 2022, 142, 445-458.	0.3	11
2123	Rapid manipulation of mitochondrial morphology in a living cell with iCMM. <i>Cell Reports Methods</i> , 2021, 1, 100052.	1.4	10
2124	The MURAL collection of prostate cancer patient-derived xenografts enables discovery through preclinical models of uro-oncology. <i>Nature Communications</i> , 2021, 12, 5049.	5.8	33
2125	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , 2021, 184, 4348-4371.e40.	13.5	170
2126	Pan-cancer analysis of pathway-based gene expression pattern at the individual level reveals biomarkers of clinical prognosis. <i>Cell Reports Methods</i> , 2021, 1, 100050.	1.4	10
2127	Transcriptional Profiling of Human Peripheral Blood Mononuclear Cells Stimulated by Mycobacterium tuberculosis PPE57 Identifies Characteristic Genes Associated With Type I Interferon Signaling. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 716809.	1.8	9
2128	Systems analysis identifies endothelin 1 axis blockade for enhancing the anti-tumor effect of multikinase inhibitor. <i>Cancer Gene Therapy</i> , 2021, , .	2.2	4
2129	IFP35 family proteins promote neuroinflammation and multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	14
2132	Nivolumab in combination with cabozantinib for metastatic triple-negative breast cancer: a phase II and biomarker study. <i>Npj Breast Cancer</i> , 2021, 7, 110.	2.3	20
2133	SAMD9L autoinflammatory or ataxia pancytopenia disease mutations activate cell-autonomous translational repression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	17
2135	Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. <i>Nature Communications</i> , 2021, 12, 4869.	5.8	68
2136	CCL20/TNF/VEGFA Cytokine Secretory Phenotype of Tumor-Associated Macrophages Is a Negative Prognostic Factor in Cutaneous Melanoma. <i>Cancers</i> , 2021, 13, 3943.	1.7	8
2137	Dietary Polyphenol and Methylsulfonylmethane Supplementation Improves Immune, DAMP Signaling, and Inflammatory Responses During Recovery From All-Out Running Efforts. <i>Frontiers in Physiology</i> , 2021, 12, 712731.	1.3	5
2138	Reprogramming enriches for somatic cell clones with small-scale mutations in cancer-associated genes. <i>Molecular Therapy</i> , 2021, 29, 2535-2553.	3.7	9
2139	Mitogen-activated protein kinase activity drives cell trajectories in colorectal cancer. <i>EMBO Molecular Medicine</i> , 2021, 13, e14123.	3.3	47
2140	Integrated analysis of the expression, involved functions, and regulatory network of RUNX3 in melanoma. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, .	0.6	0
2141	KITlow Cells Mediate Imatinib Resistance in Gastrointestinal Stromal Tumor. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2035-2048.	1.9	10

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2143	EV11 overexpression promotes ovarian cancer progression by regulating estrogen signaling. <i>Molecular and Cellular Endocrinology</i> , 2021, 534, 111367.	1.6	3
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2216	Dramatic transcriptomic differences in <i>Macaca mulatta</i> and <i>Macaca fascicularis</i> with <i>Plasmodium knowlesi</i> infections. <i>Scientific Reports</i> , 2021, 11, 19519.	1.6	5
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#	ARTICLE	IF	CITATIONS
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2246	Investigation of pharmacological mechanism of natural product using pathway fingerprints similarity based on â€œdrug-target-pathwayâ€™-heterogenous network. <i>Journal of Cheminformatics</i> , 2021, 13, 68.	2.8	1
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2258	Pan-cancer evaluation of gene expression and somatic alteration data for cancer prognosis prediction. <i>BMC Cancer</i> , 2021, 21, 1053.	1.1	3
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#	ARTICLE	IF	CITATIONS
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2307	Interferon-Gammaâ€™Producing CD8+ Tissue Resident Memory T Cells Are a Targetable Hallmark of Immune Checkpoint Inhibitorâ€™Colitis. <i>Gastroenterology</i> , 2021, 161, 1229-1244.e9.	0.6	87
2308	The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells. <i>IScience</i> , 2021, 24, 103144.	1.9	34
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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4634	Diagnostic and prognostic value of m5C regulatory genes in hepatocellular carcinoma. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	6
4635	Definition and verification of novel metastasis and recurrence related signatures of ccRCC: A multicohort study. , 2022, 1, 146-167.		2
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4641	Bioinformatics Analysis Identifies Key Genes in Recurrent Implantation Failure Based on Immune Infiltration. <i>Reproductive Sciences</i> , 2023, 30, 952-965.	1.1	3

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4652	Identification of clinical prognostic features of esophageal cancer based on m6A regulators. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
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4668	A necroptosis -related signature for predicting prognosis and immunotherapy in hepatocellular carcinoma. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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4737	Identification of a 6-RBP gene signature for a comprehensive analysis of glioma and ischemic stroke: Cognitive impairment and aging-related hypoxic stress. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	7
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4744	Subtype Classification and Prognosis Signature Construction of Osteosarcoma Based on Cellular Senescence-Related Genes. <i>Journal of Oncology</i> , 2022, 2022, 1-15.	0.6	1
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#	ARTICLE	IF	CITATIONS
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4762	Neddylation pattern indicates tumor microenvironment characterization and predicts prognosis in lung adenocarcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	3
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4782	Transcriptomes of Prostate Cancer with <i>TMPRSS2:ERG</i> and Other ETS Fusions. <i>Molecular Cancer Research</i> , 2023, 21, 14-23.	1.5	2
4784	In vivo tumor immune microenvironment phenotypes correlate with inflammation and vasculature to predict immunotherapy response. <i>Nature Communications</i> , 2022, 13, .	5.8	15
4785	Sustained Infiltration of Neutrophils Into the CNS Results in Increased Demyelination in a Viral-Induced Model of Multiple Sclerosis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
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4794	A lactate-related LncRNA model for predicting prognosis, immune landscape and therapeutic response in breast cancer. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
4795	A germline SNP in BRMS1 predisposes patients with lung adenocarcinoma to metastasis and can be ameliorated by targeting c-fos. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	4
4796	Comprehensive analysis of key m5C modification-related genes in type 2 diabetes. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
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#	ARTICLE	IF	CITATIONS
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4799	Integrative genomic analysis facilitates precision strategies for glioblastoma treatment. <i>IScience</i> , 2022, 25, 105276.	1.9	0
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4803	Distinct responses of newly identified monocyte subsets to advanced gastrointestinal cancer and COVID-19. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
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4805	Computer classification and construction of a novel prognostic signature based on moonlighting genes in prostate cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
4806	Genome engineering for estrogen receptor mutations reveals differential responses to anti-estrogens and new prognostic gene signatures for breast cancer. <i>Oncogene</i> , 2022, 41, 4905-4915.	2.6	9
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4808	Leveraging the CSF proteome toward minimally-invasive diagnostics surveillance of brain malignancies. <i>Neuro-Oncology Advances</i> , 2022, 4, .	0.4	3
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4811	Activation function 1 of progesterone receptor is required for progesterone antagonism of oestrogen action in the uterus. <i>BMC Biology</i> , 2022, 20, .	1.7	4
4812	Tissue-specific impacts of aging and genetics on gene expression patterns in humans. <i>Nature Communications</i> , 2022, 13, .	5.8	23
4814	Identification of intrinsic genes across general hypertension, hypertension with left ventricular remodeling, and uncontrolled hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0
4815	A novel hypoxia- and lactate metabolism-related signature to predict prognosis and immunotherapy responses for breast cancer by integrating machine learning and bioinformatic analyses. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
4816	Kruppel-like Factor 2 Inhibits Proliferation in Renal Angiomyolipoma <i>via</i> IL-6/JAK/STAT3 Signaling Pathway. <i>Anticancer Research</i> , 2022, 42, 4753-4762.	0.5	1

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4818	T-cell deficiency and hyperinflammatory monocyte responses associate with <i>Mycobacterium avium</i> complex lung disease. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
4819	Expression pattern and clinical value of Key RNA methylation modification regulators in ischemic stroke. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
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4823	E2F1 transcription factor mediates a link between fat and islets to promote β^2 cell proliferation in response to acute insulin resistance. <i>Cell Reports</i> , 2022, 41, 111436.	2.9	14
4826	Nucleolin expression has prognostic value in neuroblastoma patients. <i>EBioMedicine</i> , 2022, 85, 104300.	2.7	3
4827	DeepClassPathway: Molecular pathway aware classification using explainable deep learning. <i>European Journal of Cancer</i> , 2022, 176, 41-49.	1.3	0
4828	Identify novel, shared and disorder-specific genetic architecture of major depressive disorder, insomnia and chronic pain. <i>Journal of Psychiatric Research</i> , 2022, 155, 511-517.	1.5	5
4829	A Gene Set-Integrated Approach for Predicting Disease-Associated Genes. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2023, 20, 3440-3450.	1.9	0
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4831	Molecular Changes Following Induction of Hepatocellular Carcinoma by Diethylnitrosamine and Thioacetamide, and Subsequent Treatment with <i>Dioscorea membranacea</i> Extract. <i>International Journal of Medical Sciences</i> , 2022, 19, 1806-1815.	1.1	1
4832	Archaea Microbiome Dysregulated Genes and Pathways as Molecular Targets for Lung Adenocarcinoma and Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11566.	1.8	3
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4834	Transcriptomic-Metabolomic Profiling in Mouse Lung Tissues Reveals Sex- and Strain-Based Differences. <i>Metabolites</i> , 2022, 12, 932.	1.3	4
4835	Identification of DNA methylation-regulated differentially expressed genes in RA by integrated analysis of DNA methylation and RNA-Seq data. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	4
4836	A novel signature based on pyroptosis-related genes for predicting prognosis and treatment response in prostate cancer patients. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	6

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4839	Quantitative Framework for Bench-to-Bedside Cancer Research. <i>Cancers</i> , 2022, 14, 5254.	1.7	0
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4845	CRISPRi screens in human iPSC-derived astrocytes elucidate regulators of distinct inflammatory reactive states. <i>Nature Neuroscience</i> , 2022, 25, 1528-1542.	7.1	35
4846	Comprehensive analysis of potential cellular communication networks in advanced osteosarcoma using single-cell RNA sequencing data. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	7
4847	<i>TM4SF1</i> -marked Endothelial Subpopulation Is Dysregulated in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 0, , .	1.4	2
4848	Thirty novel sequence variants impacting human intracranial volume. <i>Brain Communications</i> , 0, , .	1.5	2
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4852	Navigating Transcriptomic Connectivity Mapping Workflows to Link Chemicals with Bioactivities. <i>Chemical Research in Toxicology</i> , 2022, 35, 1929-1949.	1.7	3
4854	CellTracer: a comprehensive database to dissect the causative multilevel interplay contributing to cell development trajectories. <i>Nucleic Acids Research</i> , 2023, 51, D861-D869.	6.5	2
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4856	Characterization of Ferroptosis-Related Molecular Subtypes with Immune Infiltrations in Neuropathic Pain. <i>Journal of Pain Research</i> , 0, Volume 15, 3327-3348.	0.8	1
4858	Polymer Thin Film Promotes Tumor Spheroid Formation via JAK2-STAT3 Signaling Primed by Fibronectin-Integrin $\alpha 5$ and Sustained by LMO2-LDB1 Complex. <i>Biomedicines</i> , 2022, 10, 2684.	1.4	1

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4861	Deciphering the action mechanism of paeoniflorin in suppressing pancreatic cancer: A network pharmacology study and experimental validation. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
4862	A damage-associated molecular patterns-related gene signature for the prediction of prognosis and immune microenvironment in children stage III acute lymphoblastic leukemia. <i>Frontiers in Pediatrics</i> , 0, 10, .	0.9	1
4863	Methylation-driven gene DLL3 is a potential prognostic biomarker in ocular melanoma correlating with metastasis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
4864	A novel inflammatory signature for evaluating immune microenvironment status in soft tissue sarcoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
4865	DETECTION OF ANTINUCLEAR ANTIBODIES TARGETING INTRACELLULAR SIGNAL TRANSDUCTION, METABOLISM, APOPTOTIC PROCESSES AND CELL DEATH IN CRITICAL COVID-19 PATIENTS. <i>Mediterranean Journal of Hematology and Infectious Diseases</i> , 2022, 14, e2022076.	0.5	1
4866	Integrative transcriptome analysis reveals <i>TEKT2</i> and <i>PIAS2</i> involvement in diabetic nephropathy. <i>FASEB Journal</i> , 2022, 36, .	0.2	2
4868	Phenotypic plasticity and genetic control in colorectal cancer evolution. <i>Nature</i> , 2022, 611, 744-753.	13.7	58
4869	Altered microvasculature in pancreatic islets from subjects with type 1 diabetes. <i>PLoS ONE</i> , 2022, 17, e0276942.	1.1	8
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4871	Characterization of the interactome profiling of <i>Mycoplasma fermentans</i> DnaK in cancer cells reveals interference with key cellular pathways. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
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4879	Culture media composition influences patient-derived organoid ability to predict therapeutic responses in gastrointestinal cancers. <i>JCI Insight</i> , 2022, 7, .	2.3	16

#	ARTICLE	IF	CITATIONS
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4883	Shared Genetic Regulatory Networks Contribute to Neuropathic and Inflammatory Pain: Multi-Omics Systems Analysis. <i>Biomolecules</i> , 2022, 12, 1454.	1.8	3
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4888	Landscape of RNA-binding proteins in diagnostic utility, immune cell infiltration and PANoptosis features of heart failure. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
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4890	Bioinformatics and Experimental Analyses Reveal MAP4K4 as a Potential Marker for Gastric Cancer. <i>Genes</i> , 2022, 13, 1786.	1.0	2
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4904	Metformin Treatment Modulates Long Non-Coding RNA Isoforms Expression in Human Cells. <i>Non-coding RNA</i> , 2022, 8, 68.	1.3	4

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4906	Single-cell transcriptomes from turtle livers reveal sensitivity of hepatic immune cells to bacteria-infection. <i>Fish and Shellfish Immunology</i> , 2022, , .	1.6	2
4907	MEG3 Expression Indicates Lymph Node Metastasis and Presence of Cancer-Associated Fibroblasts in Papillary Thyroid Cancer. <i>Cells</i> , 2022, 11, 3181.	1.8	4
4908	Identification of differentially expressed genes in mouse paraspinal muscle in response to microgravity. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	1
4909	Comprehensive analysis of cuproptosis-related genes and tumor microenvironment infiltration characterization in breast cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	17
4910	Regulation of Parietal Cell Homeostasis by Bone Morphogenetic Protein signaling. , 2022, , .		0
4911	Effects of arginine vasopressin on the transcriptome of prefrontal cortex in autistic rat model. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 5493-5505.	1.6	5
4912	Profiling transcriptional heterogeneity of epithelium, fibroblasts, and immune cells in esophageal squamous cell carcinoma by single-cell RNA sequencing. <i>FASEB Journal</i> , 2022, 36, .	0.2	6
4913	Four-gene signature based on machine learning filtration could predict prognosis of patients with breast cancer. <i>Expert Systems</i> , 0, , .	2.9	0
4915	Integrated proteogenomic characterization across major histological types of pituitary neuroendocrine tumors. <i>Cell Research</i> , 2022, 32, 1047-1067.	5.7	18
4916	Nuclear corepressors NCOR1/NCOR2 regulate B cell development, maintain genomic integrity and prevent transformation. <i>Nature Immunology</i> , 2022, 23, 1763-1776.	7.0	6
4918	TMMGdb - Tumor Metastasis Mechanism-associated Gene Database. <i>Current Bioinformatics</i> , 2023, 18, 63-75.	0.7	1
4920	Loss of non-motor kinesin KIF26A causes congenital brain malformations via dysregulated neuronal migration and axonal growth as well as apoptosis. <i>Developmental Cell</i> , 2022, 57, 2381-2396.e13.	3.1	7
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4923	Transcriptomic profiling of sporadic Alzheimer's disease patients. <i>Molecular Brain</i> , 2022, 15, .	1.3	7
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4925	Comprehensive analysis of autoimmune-related genes in amyotrophic lateral sclerosis from the perspective of 3P medicine. <i>EPMA Journal</i> , 2022, 13, 699-723.	3.3	1

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4928	Artificial intelligence platform, RADRÂ®, aids in the discovery of DNA damaging agent for the ultra-rare cancer Atypical Teratoid Rhabdoid Tumors. <i>Frontiers in Drug Discovery</i> , 0, 2, .	1.1	2
4929	Genetic and environmental etiology of drinking motives in college students. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 1783-1796.	1.4	2
4930	Identification and verification of a 4-gene signature predicting the overall survival of cervical cancer. <i>Medicine (United States)</i> , 2022, 101, e31299.	0.4	1
4931	MAN2A1 predicts prognosis and progression through cancer-related pathways in colorectal cancer. <i>Translational Cancer Research</i> , 2022, 11, 3686-3697.	0.4	0
4932	Comprehensive Characterization of the Regulatory Landscape of Adrenocortical Carcinoma: Novel Transcription Factors and Targets Associated with Prognosis. <i>Cancers</i> , 2022, 14, 5279.	1.7	5
4933	A phase II trial of weekly nab-paclitaxel for progressive and symptomatic desmoid tumors. <i>Nature Communications</i> , 2022, 13, .	5.8	0
4934	Integrative Bioinformatics Analysis Revealed Mitochondrial Dysfunction-Related Genes Underlying Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-35.	1.9	6
4936	Dlk1-Dio3 cluster miRNAs regulate mitochondrial functions in the dystrophic muscle in Duchenne muscular dystrophy. <i>Life Science Alliance</i> , 2023, 6, e202201506.	1.3	1
4940	Comprehensive analysis of endoplasmic reticulum stress and immune infiltration in major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	5
4941	Mutant Ras and inflammation-driven skin tumorigenesis is suppressed via a JNK-iASPP-AP1 axis. <i>Cell Reports</i> , 2022, 41, 111503.	2.9	2
4942	A novel network pharmacology approach for leukaemia differentiation therapy using MogrifyÂ®. <i>Oncogene</i> , 2022, 41, 5160-5175.	2.6	3
4943	ImmCluster: an ensemble resource for immunology cell type clustering and annotations in normal and cancerous tissues. <i>Nucleic Acids Research</i> , 2023, 51, D1325-D1332.	6.5	4
4944	Cellular Senescence Is Immunogenic and Promotes Antitumor Immunity. <i>Cancer Discovery</i> , 2023, 13, 410-431.	7.7	70
4945	Multi-level cellular and functional annotation of single-cell transcriptomes using scPipeline. <i>Communications Biology</i> , 2022, 5, .	2.0	4
4946	Repression of <i>SLC22A3</i> by the <i>AR</i> / <i>YAP1</i> / <i>TAZ</i> axis in enzalutamide-resistant castration-resistant prostate cancer. <i>FEBS Journal</i> , 2023, 290, 1645-1662.	2.2	2
4947	Genomic, epigenomic, and transcriptomic signatures for telomerase complex components: a pan-cancer analysis. <i>Molecular Oncology</i> , 2023, 17, 150-172.	2.1	6
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4952	Fusion gene recurrence in non-small cell lung cancers and its association with cigarette smoke exposure. <i>Translational Lung Cancer Research</i> , 2022, 11, 2022-2039.	1.3	1
4953	Pan-vaccine analysis reveals innate immune endotypes predictive of antibody responses to vaccination. <i>Nature Immunology</i> , 2022, 23, 1777-1787.	7.0	40
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4956	Gene set analysis of transcriptomics data identifies new biological processes associated with early markers of atherosclerosis but not with those of osteoporosis: Atherosclerosis-osteoporosis co/multimorbidity study in the Young Finns Study. <i>Atherosclerosis</i> , 2022, 361, 1-9.	0.4	0
4957	The 5-Hydroxymethylcytosine Landscape of Prostate Cancer. <i>Cancer Research</i> , 2022, 82, 3888-3902.	0.4	22
4958	A Case Series Exploration of Multi-Regional Expression Heterogeneity in Triple-Negative Breast Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13322.	1.8	2
4959	CRISPR-mediated correction of skeletal muscle Ca ²⁺ handling in a novel DMD patient-derived pluripotent stem cell model. <i>Neuromuscular Disorders</i> , 2022, , .	0.3	1
4960	Therapeutic activity of GARP:TGF- β 1 blockade in murine primary myelofibrosis. <i>Blood</i> , 2023, 141, 490-502.	0.6	4
4962	High expression of TTC21A predicts unfavorable prognosis and immune infiltrates in clear cell renal cell carcinoma. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
4963	Functional analysis of the short splicing variant encoded by CHI3L1/YKL-40 in glioblastoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
4964	Stabilization of hESCs in two distinct substates along the continuum of pluripotency. <i>iScience</i> , 2022, 25, 105469.	1.9	2
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4966	DNA Methylome and Transcriptome Study of Triterpenoid CDDO in TPA-Mediated Skin Carcinogenesis Model. <i>AAPS Journal</i> , 2022, 24, .	2.2	0
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4968	Shared and unique phosphoproteomics responses in skeletal muscle from exercise models and in hyperammonemic myotubes. <i>iScience</i> , 2022, 25, 105325.	1.9	1

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4971	Influence of single-cell RNA sequencing data integration on the performance of differential gene expression analysis. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
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4973	Glycosylated clusterin species facilitate A β toxicity in human neurons. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
4974	Vessel state and immune infiltration of the angiogenesis subgroup and construction of a prediction model in osteosarcoma. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
4975	MYC promotes immune-suppression in triple-negative breast cancer via inhibition of interferon signaling. <i>Nature Communications</i> , 2022, 13, .	5.8	30
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4977	Machine Learning Using Gene-Sets to Infer miRNA Function. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 229-240.	0.8	1
4978	Analysis of the p53/microRNA Network in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 187-228.	0.8	3
4979	Resistance Training Modulates Reticulum Endoplasmic Stress, Independent of Oxidative and Inflammatory Responses, in Elderly People. <i>Antioxidants</i> , 2022, 11, 2242.	2.2	0
4981	Innate immune imprints in SARS-CoV-2 Omicron variant infection convalescents. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	6
4982	Integrated proteogenomic characterization of medullary thyroid carcinoma. <i>Cell Discovery</i> , 2022, 8, .	3.1	18
4984	Phase II Randomized Study of Salvage Radiation Therapy Plus Enzalutamide or Placebo for High-Risk Prostate-Specific Antigen Recurrent Prostate Cancer After Radical Prostatectomy: The SALV-ENZA Trial. <i>Journal of Clinical Oncology</i> , 2023, 41, 1307-1317.	0.8	6
4985	The transcription factor IRF2 drives interferon-mediated CD8+ T β cell exhaustion to restrict anti-tumor immunity. <i>Immunity</i> , 2022, 55, 2369-2385.e10.	6.6	29
4986	Integrated multi-omics analysis identifies CD73 as a prognostic biomarker and immunotherapy response predictor in head and neck squamous cell carcinoma. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
4987	Systems biology reveals anatabine to be an NRF2 activator. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
4988	Collective genomic segments with differential pleiotropic patterns between cognitive dimensions and psychopathology. <i>Nature Communications</i> , 2022, 13, .	5.8	3
4989	Establishment of lung adenocarcinoma classification and risk model based on necroptosis-related genes. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4

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4990	Distinct Profiles of DNA Repair Activity Define Favorable-risk Prostate Cancer Subtypes With Divergent Outcome. <i>Clinical Genitourinary Cancer</i> , 2023, 21, 76-83.	0.9	0
4991	A cellular senescence-related classifier based on a tumorigenesis- and immune infiltration-guided strategy can predict prognosis, immunotherapy response, and candidate drugs in hepatocellular carcinoma. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
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4995	Characterization of glycosylation regulator-mediated glycosylation modification patterns and tumor microenvironment infiltration in hepatocellular carcinoma. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
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