

# Olivier Elemento

## List of Publications by Year in descending order

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Version: 2024-02-01

370  
papers

39,756  
citations

3531

90  
h-index

3323

184  
g-index

402  
all docs

402  
docs citations

402  
times ranked

57289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence in oncology: From bench to clinic. <i>Seminars in Cancer Biology</i> , 2022, 84, 113-128.	9.6	16
2	Clinical utility of whole-genome sequencing in precision oncology. <i>Seminars in Cancer Biology</i> , 2022, 84, 32-39.	9.6	35
3	Analytical demands to use whole-genome sequencing in precision oncology. <i>Seminars in Cancer Biology</i> , 2022, 84, 16-22.	9.6	22
4	Clinical interpretation of whole-genome and whole-transcriptome sequencing for precision oncology. <i>Seminars in Cancer Biology</i> , 2022, 84, 23-31.	9.6	10
5	Extracellular Matrix in Synthetic Hydrogel-Based Prostate Cancer Organoids Regulate Therapeutic Response to EZH2 and DRD2 Inhibitors. <i>Advanced Materials</i> , 2022, 34, e2100096.	21.0	24
6	Allele-specific genomic data elucidate the role of somatic gain and copy-number neutral loss of heterozygosity in cancer. <i>Cell Systems</i> , 2022, 13, 183-193.e7.	6.2	13
7	Extracellular Matrix in Synthetic Hydrogel-Based Prostate Cancer Organoids Regulate Therapeutic Response to EZH2 and DRD2 Inhibitors ( <i>Adv. Mater.</i> 2/2022). <i>Advanced Materials</i> , 2022, 34, .	21.0	0
8	Serial ctDNA analysis predicts clinical progression in patients with advanced urothelial carcinoma. <i>British Journal of Cancer</i> , 2022, 126, 430-439.	6.4	15
9	Collision tumors revealed by prospectively assessing subtype-defining molecular alterations in 904 individual prostate cancer foci. <i>JCI Insight</i> , 2022, 7, .	5.0	6
10	System-wide transcriptome damage and tissue identity loss in COVID-19 patients. <i>Cell Reports Medicine</i> , 2022, 3, 100522.	6.5	24
11	Histone 3 Methyltransferases Alter Melanoma Initiation and Progression Through Discrete Mechanisms. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 814216.	3.7	2
12	GCN2 kinase activation by ATP-competitive kinase inhibitors. <i>Nature Chemical Biology</i> , 2022, 18, 207-215.	8.0	19
13	Detecting Neuroendocrine Prostate Cancer Through Tissue-Informed Cell-Free DNA Methylation Analysis. <i>Clinical Cancer Research</i> , 2022, 28, 928-938.	7.0	29
14	Serial ctDNA evaluation to predict clinical progression in patients with advanced urothelial carcinoma.. <i>Journal of Clinical Oncology</i> , 2022, 40, 532-532.	1.6	0
15	Simple Linear Cancer Risk Prediction Models With Novel Features Outperform Complex Approaches. <i>JCO Clinical Cancer Informatics</i> , 2022, 6, e2100166.	2.1	2
16	Abstract P2-06-03: Obesity is associated with DNA damage in the breast epithelium of BRCA1 and BRCA2 mutation carriers: A role for estrogens & strategies for prevention. <i>Cancer Research</i> , 2022, 82, P2-06-03-P2-06-03.	0.9	0
17	Genomic instability is enriched in localized prostate cancers from men of African ancestry.. <i>Journal of Clinical Oncology</i> , 2022, 40, 270-270.	1.6	1
18	Abstract P2-06-04: Pathognomonic long molecule footprints of backup repair pathways in homologous recombination deficient cancers. <i>Cancer Research</i> , 2022, 82, P2-06-04-P2-06-04.	0.9	0

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19	Association of circulating tumor cell RB1 loss RNA signature with outcomes and immune phenotypes in men with mCRPC.. <i>Journal of Clinical Oncology</i> , 2022, 40, 139-139.	1.6	0
20	Abstract P5-05-02: Extracellular vesicles from obese human breast adipose tissue promote breast cancer cell proliferation by increasing mitochondrial mass and stimulating mitochondrial respiration. <i>Cancer Research</i> , 2022, 82, P5-05-02-P5-05-02.	0.9	0
21	Utility of multimodality molecular profiling for pediatric patients with central nervous system tumors. <i>Neuro-Oncology Advances</i> , 2022, 4, vda031.	0.7	1
22	RET Fusion-Positive Papillary Thyroid Cancers are Associated with a More Aggressive Phenotype. <i>Annals of Surgical Oncology</i> , 2022, , 1.	1.5	8
23	The genomic landscape of metastatic clear cell renal cell carcinoma after systemic therapy. <i>Molecular Oncology</i> , 2022, 16, 2384-2395.	4.6	5
24	Global evolution of the tumor microenvironment associated with progression from preinvasive invasive to invasive human lung adenocarcinoma. <i>Cell Reports</i> , 2022, 39, 110639.	6.4	15
25	Molecular and Pharmacological Bladder Cancer Therapy Screening: Discovery of Clofarabine as a Highly Active Compound. <i>European Urology</i> , 2022, 82, 261-270.	1.9	11
26	Inflammatory responses in the placenta upon SARS-CoV-2 infection late in pregnancy. <i>IScience</i> , 2022, 25, 104223.	4.1	58
27	ASO Visual Abstract: RET Fusion-Positive Papillary Thyroid Cancers are Associated with a More Aggressive Phenotype. <i>Annals of Surgical Oncology</i> , 2022, , 1.	1.5	0
28	Inhibition of FGF receptor blocks adaptive resistance to RET inhibition in <i>CCDC6-RET</i> rearranged thyroid cancer. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	6
29	The lactate-NAD <sup>+</sup> axis activates cancer-associated fibroblasts by downregulating p62. <i>Cell Reports</i> , 2022, 39, 110792.	6.4	22
30	An activation to memory differentiation trajectory of tumor-infiltrating lymphocytes informs metastatic melanoma outcomes. <i>Cancer Cell</i> , 2022, 40, 524-544.e5.	16.8	23
31	Tumor-immune microenvironment revealed by Imaging Mass Cytometry in a metastatic sarcomatoid urothelial carcinoma with a prolonged response to pembrolizumab.. <i>Cold Spring Harbor Molecular Case Studies</i> , 2022, 8, .	1.0	6
32	Alterations in transcriptional networks in cancer: the role of noncoding somatic driver mutations. <i>Current Opinion in Genetics and Development</i> , 2022, 75, 101919.	3.3	2
33	Tumor-induced double positive T cells display distinct lineage commitment mechanisms and functions. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	8
34	LGG-47. Single-cell RNA Sequencing Reveals Immunosuppressive Myeloid Cell Diversity During Malignant Progression in Glioma. <i>Neuro-Oncology</i> , 2022, 24, i99-i99.	1.2	0
35	The GA4GH Phenopacket schema defines a computable representation of clinical data. <i>Nature Biotechnology</i> , 2022, 40, 817-820.	17.5	38
36	Gain of Chromosome 1q Perturbs a Competitive Endogenous RNA Network to Promote Melanoma Metastasis. <i>Cancer Research</i> , 2022, 82, 3016-3031.	0.9	2

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37	Mutation landscape, clonal evolution pattern, and potential pathogenic pathways in B-lymphoblastic transformation of follicular lymphoma. <i>Leukemia</i> , 2021, 35, 1203-1208.	7.2	8
38	Integration of whole-exome and anchored PCR-based next generation sequencing significantly increases detection of actionable alterations in precision oncology. <i>Translational Oncology</i> , 2021, 14, 100944.	3.7	10
39	Histone H1 loss drives lymphoma by disrupting 3D chromatin architecture. <i>Nature</i> , 2021, 589, 299-305.	27.8	155
40	Leveraging phenotypic variability to identify genetic interactions in human phenotypes. <i>American Journal of Human Genetics</i> , 2021, 108, 49-67.	6.2	36
41	Limitations of Detecting Genetic Variants from the RNA Sequencing Data in Tissue and Fine-Needle Aspiration Samples. <i>Thyroid</i> , 2021, 31, 589-595.	4.5	19
42	Building biorepositories in the midst of a pandemic. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e92.	0.6	8
43	Chemical systems biology reveals mechanisms of glucocorticoid receptor signaling. <i>Nature Chemical Biology</i> , 2021, 17, 307-316.	8.0	11
44	Single-cell DNA targeted sequencing (scDNA-seq) to test therapeutic vulnerabilities in urothelial cancer (UC) patient-derived organoids (PDO).. <i>Journal of Clinical Oncology</i> , 2021, 39, 464-464.	1.6	0
45	Whole-genome characterization of lung adenocarcinomas lacking alterations in the RTK/RAS/RAF pathway. <i>Cell Reports</i> , 2021, 34, 108707.	6.4	16
46	Toward Artificial Intelligenceâ€Driven Pathology Assessment for Hematologic Malignancies. <i>Blood Cancer Discovery</i> , 2021, 2, 195-197.	5.0	3
47	Genome-wide investigation identifies a rare copy-number variant burden associated with human spina bifida. <i>Genetics in Medicine</i> , 2021, 23, 1211-1218.	2.4	10
48	FSMP-10. CYSTEINE INDUCES CYTOTOXICITY IN GLIOBLASTOMA THROUGH MITOCHONDRIAL HYDROGEN PEROXIDE PRODUCTION. <i>Neuro-Oncology Advances</i> , 2021, 3, i18-i18.	0.7	0
49	The road from Rous sarcoma virus to precision medicine. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	3
50	The spatial landscape of lung pathology during COVID-19 progression. <i>Nature</i> , 2021, 593, 564-569.	27.8	249
51	RNA-sequencing data-driven dissection of human plasma cell differentiation reveals new potential transcription regulators. <i>Leukemia</i> , 2021, 35, 1451-1462.	7.2	30
52	A molecular single-cell lung atlas of lethal COVID-19. <i>Nature</i> , 2021, 595, 114-119.	27.8	411
53	QSER1 protects DNA methylation valleys from de novo methylation. <i>Science</i> , 2021, 372, .	12.6	69
54	Abstract PO-036: Immunological characterization of mouse HR+ mammary tumors relapsing after radiation therapy. , 2021, , .		0

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55	Abstract PO-051: Radiation therapy enhances the presentation of phosphopeptides by MHC-I on cancer cells. , 2021, , .		0
56	Artificial Intelligence in Cancer Research and Precision Medicine. <i>Cancer Discovery</i> , 2021, 11, 900-915.	9.4	209
57	Discovery of Candidate DNA Methylation Cancer Driver Genes. <i>Cancer Discovery</i> , 2021, 11, 2266-2281.	9.4	42
58	Deep learning predicts chromosomal instability from histopathology images. <i>IScience</i> , 2021, 24, 102394.	4.1	29
59	Leptin Mediates Obesity-Induced DNA Damage in BRCA1 Breast Epithelial Cells. <i>Journal of the Endocrine Society</i> , 2021, 5, A1024-A1024.	0.2	0
60	Temporal evolution of cellular heterogeneity during the progression to advanced AR-negative prostate cancer. <i>Nature Communications</i> , 2021, 12, 3372.	12.8	45
61	Characterization of GECPAR, a noncoding RNA that regulates the transcriptional program of diffuse large B cell lymphoma. <i>Haematologica</i> , 2021, , .	3.5	3
62	Blood biomarkers reflect the effects of obesity and inflammation on the human breast transcriptome. <i>Carcinogenesis</i> , 2021, 42, 1281-1292.	2.8	5
63	Diet-regulated production of PDGF $\alpha$ by macrophages controls energy storage. <i>Science</i> , 2021, 373, .	12.6	84
64	Functional comparison of exome capture-based methods for transcriptomic profiling of formalin-fixed paraffin-embedded tumors. <i>Npj Genomic Medicine</i> , 2021, 6, 66.	3.8	8
65	Validation of a Circulating Tumor $\text{DNA}$ -Based $\text{Next-Generation}$ Sequencing Assay in a Cohort of Patients with Solid tumors: A Proposed Solution for Decentralized Plasma Testing. <i>Oncologist</i> , 2021, 26, e1971-e1981.	3.7	11
66	The role of machine learning in clinical research: transforming the future of evidence generation. <i>Trials</i> , 2021, 22, 537.	1.6	82
67	Artificial intelligence in cancer research, diagnosis and therapy. <i>Nature Reviews Cancer</i> , 2021, 21, 747-752.	28.4	87
68	OCT2 pre-positioning facilitates cell fate transition and chromatin architecture changes in humoral immunity. <i>Nature Immunology</i> , 2021, 22, 1327-1340.	14.5	11
69	Reshaping of the androgen-driven chromatin landscape in normal prostate cells by early cancer drivers and effect on therapeutic sensitivity. <i>Cell Reports</i> , 2021, 36, 109625.	6.4	22
70	Cohesin Core Complex Gene Dosage Contributes to Germinal Center Derived Lymphoma Phenotypes and Outcomes. <i>Frontiers in Immunology</i> , 2021, 12, 688493.	4.8	5
71	RNA-Sequencing-Based Transcriptomic Score with Prognostic and Theranostic Values in Multiple Myeloma. <i>Journal of Personalized Medicine</i> , 2021, 11, 988.	2.5	6
72	Dissecting bulk transcriptomes of diffuse large B cell lymphoma. <i>Cancer Cell</i> , 2021, 39, 1305-1307.	16.8	2

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73	The NF- $\kappa$ B Transcriptional Footprint Is Essential for SARS-CoV-2 Replication. <i>Journal of Virology</i> , 2021, 95, e0125721.	3.4	69
74	A polygenic-score-based approach for identification of gene-drug interactions stratifying breast cancer risk. <i>American Journal of Human Genetics</i> , 2021, 108, 1752-1764.	6.2	7
75	Multi-platform profiling characterizes molecular subgroups and resistance networks in chronic lymphocytic leukemia. <i>Nature Communications</i> , 2021, 12, 5395.	12.8	15
76	Smc3 dosage regulates B cell transit through germinal centers and restricts their malignant transformation. <i>Nature Immunology</i> , 2021, 22, 240-253.	14.5	24
77	Metastasis and Immune Evasion from Extracellular cGAMP Hydrolysis. <i>Cancer Discovery</i> , 2021, 11, 1212-1227.	9.4	139
78	Profiling of immune dysfunction in COVID-19 patients allows early prediction of disease progression. <i>Life Science Alliance</i> , 2021, 4, e202000955.	2.8	56
79	CLIP-170S is a microtubule-TIP variant that confers resistance to taxanes by impairing drug-target engagement. <i>Developmental Cell</i> , 2021, 56, 3264-3275.e7.	7.0	5
80	Prediction of primary venous thromboembolism based on clinical and genetic factors within the U.K. Biobank. <i>Scientific Reports</i> , 2021, 11, 21340.	3.3	7
81	Dynamic Immune Surveillance in Durable Clinical Response to Combined BTK and BCL2 Inhibition in MCL at Longitudinal Single-Cell Resolution. <i>Blood</i> , 2021, 138, 1323-1323.	1.4	0
82	Selective STAT3 Degraders Dissect Peripheral T-Cell Lymphomas Vulnerabilities Empowering Personalized Regimens. <i>Blood</i> , 2021, 138, 865-865.	1.4	0
83	Single Cell ATAC Lineage Deconvolution Reveals Overlapping Subclones in Epigenetically Distinct AML Samples. <i>Blood</i> , 2021, 138, 2381-2381.	1.4	0
84	BTG1 Mutation Promotes Aggressive Lymphoma Development By Lowering the Threshold to MYC Activation and Generating "Super-Competitor" B Cells. <i>Blood</i> , 2021, 138, 359-359.	1.4	2
85	Molecular Evolution of Classical Hodgkin Lymphoma Revealed Through Whole Genome Sequencing of Hodgkin and Reed-Sternberg Cells. <i>Blood</i> , 2021, 138, 805-805.	1.4	1
86	HHV-6 in the Lymphoma Microenvironment: Both Chicken and Egg?. <i>Blood</i> , 2021, 138, 1377-1377.	1.4	0
87	High Rates of Remission with the Initial Treatment of Oral Azacitidine Plus CHOP for Peripheral T-Cell Lymphoma (PTCL): Clinical Outcomes and Biomarker Analysis of a Multi-Center Phase II Study. <i>Blood</i> , 2021, 138, 138-138.	1.4	5
88	285â€¦Breaking through the resistance of breast cancer to immune checkpoint blockers in a unique mouse model of HR+ disease. , 2021, 9, A309-A309.		0
89	FOXO1 Dependent Transcription Network Is a Targetable Vulnerability of Mantle Cell Lymphoma. <i>Blood</i> , 2021, 138, 30-30.	1.4	0
90	A Predictive Endothelial-Leukemia Pre-Clinical Platform to Uncover Drug Vulnerabilities for Personalized Treatments. <i>Blood</i> , 2021, 138, 704-704.	1.4	0

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91	Metabolic and Immune Markers for Precise Monitoring of COVID-19 Severity and Treatment. <i>Frontiers in Immunology</i> , 2021, 12, 809937.	4.8	13
92	Stage-specific regulation of DNA methylation by TET enzymes during human cardiac differentiation. <i>Cell Reports</i> , 2021, 37, 110095.	6.4	10
93	Systems biology analysis of human genomes points to key pathways conferring spina bifida risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
94	Pan-cancer analysis reveals molecular patterns associated with age. <i>Cell Reports</i> , 2021, 37, 110100.	6.4	26
95	Graph convolutional networks for computational drug development and discovery. <i>Briefings in Bioinformatics</i> , 2020, 21, 919-935.	6.5	227
96	Differential Contributions of Pre- and Post-EMT Tumor Cells in Breast Cancer Metastasis. <i>Cancer Research</i> , 2020, 80, 163-169.	0.9	62
97	Distinct Classes of Complex Structural Variation Uncovered across Thousands of Cancer Genome Graphs. <i>Cell</i> , 2020, 183, 197-210.e32.	28.9	141
98	High-resolution mouse subventricular zone stem-cell niche transcriptome reveals features of lineage, anatomy, and aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31448-31458.	7.1	39
99	Unique Immune Cell Coactivators Specify Locus Control Region Function and Cell Stage. <i>Molecular Cell</i> , 2020, 80, 845-861.e10.	9.7	21
100	Common germline-somatic variant interactions in advanced urothelial cancer. <i>Nature Communications</i> , 2020, 11, 6195.	12.8	21
101	Selective dysregulation of ROCK2 activity promotes aberrant transcriptional networks in ABC diffuse large B-cell lymphoma. <i>Scientific Reports</i> , 2020, 10, 13094.	3.3	8
102	A machine learning and network framework to discover new indications for small molecules. <i>PLoS Computational Biology</i> , 2020, 16, e1008098.	3.2	8
103	Single-cell profiling reveals an endothelium-mediated immunomodulatory pathway in the eye choroid. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	55
104	Adaptable haemodynamic endothelial cells for organogenesis and tumorigenesis. <i>Nature</i> , 2020, 585, 426-432.	27.8	145
105	Precision medicine and artificial intelligence: overview and relevance to reproductive medicine. <i>Fertility and Sterility</i> , 2020, 114, 908-913.	1.0	16
106	Predictive modeling in reproductive medicine: Where will the future of artificial intelligence research take us?. <i>Fertility and Sterility</i> , 2020, 114, 934-940.	1.0	27
107	Identification of Distinct Heterogenic Subtypes and Molecular Signatures Associated with African Ancestry in Triple Negative Breast Cancer Using Quantified Genetic Ancestry Models in Admixed Race Populations. <i>Cancers</i> , 2020, 12, 1220.	3.7	19
108	Demographic and genetic factors influence the abundance of infiltrating immune cells in human tissues. <i>Nature Communications</i> , 2020, 11, 2213.	12.8	23

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109	Building an international consortium for tracking coronavirus health status. <i>Nature Medicine</i> , 2020, 26, 1161-1165.	30.7	23
110	Mutant EZH2 Induces a Pre-malignant Lymphoma Niche by Reprogramming the Immune Response. <i>Cancer Cell</i> , 2020, 37, 655-673.e11.	16.8	93
111	Lineage Reversion Drives WNT Independence in Intestinal Cancer. <i>Cancer Discovery</i> , 2020, 10, 1590-1609.	9.4	52
112	The INPP4B Tumor Suppressor Modulates EGFR Trafficking and Promotes Triple-Negative Breast Cancer. <i>Cancer Discovery</i> , 2020, 10, 1226-1239.	9.4	32
113	Single-Cell Analysis of the Muscle Stem Cell Hierarchy Identifies Heterotypic Communication Signals Involved in Skeletal Muscle Regeneration. <i>Cell Reports</i> , 2020, 30, 3583-3595.e5.	6.4	227
114	SLFN11 Expression in Advanced Prostate Cancer and Response to Platinum-based Chemotherapy. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1157-1164.	4.1	44
115	Computational methods in tumor immunology. <i>Methods in Enzymology</i> , 2020, 636, 209-259.	1.0	3
116	A harmonized meta-knowledgebase of clinical interpretations of somatic genomic variants in cancer. <i>Nature Genetics</i> , 2020, 52, 448-457.	21.4	104
117	Tumor Microenvironment Is Critical for the Maintenance of Cellular States Found in Primary Glioblastomas. <i>Cancer Discovery</i> , 2020, 10, 964-979.	9.4	102
118	TBL1XR1 Mutations Drive Extranodal Lymphoma by Inducing a Pro-tumorigenic Memory Fate. <i>Cell</i> , 2020, 182, 297-316.e27.	28.9	63
119	Small Cell Carcinoma of the Ovary, Hypercalcemic Type (SCCOHT) beyond SMARCA4 Mutations: A Comprehensive Genomic Analysis. <i>Cells</i> , 2020, 9, 1496.	4.1	29
120	Multicenter Phase II Study of Cabazitaxel in Advanced Gastroesophageal Cancer: Association of HER2 Expression and M2-Like Tumor-Associated Macrophages with Patient Outcome. <i>Clinical Cancer Research</i> , 2020, 26, 4756-4766.	7.0	7
121	A reference single-cell transcriptomic atlas of human skeletal muscle tissue reveals bifurcated muscle stem cell populations. <i>Skeletal Muscle</i> , 2020, 10, 19.	4.2	121
122	The aging skin microenvironment dictates stem cell behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5339-5350.	7.1	101
123	Inhibition of EZH2 Catalytic Activity Selectively Targets a Metastatic Subpopulation in Triple-Negative Breast Cancer. <i>Cell Reports</i> , 2020, 30, 755-770.e6.	6.4	65
124	Stable reduction of STARD4 alters cholesterol regulation and lipid homeostasis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158609.	2.4	14
125	Integrative multiplatform molecular profiling of benign prostatic hyperplasia identifies distinct subtypes. <i>Nature Communications</i> , 2020, 11, 1987.	12.8	29
126	Epithelial plasticity can generate multi-lineage phenotypes in human and murine bladder cancers. <i>Nature Communications</i> , 2020, 11, 2540.	12.8	40



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127	The future of precision medicine: towards a more predictive personalized medicine. <i>Emerging Topics in Life Sciences</i> , 2020, 4, 175-177.	2.6	31
128	Urinary Cell Transcriptome Profiling and Identification of ITM2A, SLAMF6, and IKZF3 as Biomarkers of Acute Rejection in Human Kidney Allografts. <i>Transplantation Direct</i> , 2020, 6, e588.	1.6	8
129	Circulating tumor DNA profile recognizes transformation to castration-resistant neuroendocrine prostate cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 1653-1668.	8.2	122
130	Clinical, regional, and genetic characteristics of Covid-19 patients from UK Biobank. <i>PLoS ONE</i> , 2020, 15, e0241264.	2.5	40
131	Performance Characteristics of a Targeted Sequencing Platform for Simultaneous Detection of Single Nucleotide Variants, Insertions/Deletions, Copy Number Alterations, and Gene Fusions in Cancer Genome. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 1535-1546.	2.5	10
132	EXTH-74. IND-ENABLING CHARACTERIZATION OF DUAL DRD2- AND ClpP-TARGETING AGENT ONC206 AS THE NEXT IMIPRIDONE FOR CLINICAL NEURO-ONCOLOGY. <i>Neuro-Oncology</i> , 2020, 22, ii103-ii103.	1.2	2
133	Robust Discovery of Candidate DNA Methylation Cancer Drivers. <i>Blood</i> , 2020, 136, 33-34.	1.4	0
134	TAMI-38. CYSTEINE-PROMOTING COMPOUNDS INDUCE MITOCHONDRIAL TOXICITY IN GLIOBLASTOMA THROUGH ALTERED PYRUVATE AND SERINE METABOLISM. <i>Neuro-Oncology</i> , 2020, 22, ii221-ii221.	1.2	0
135	Obesity-Associated Extracellular Matrix Remodeling Promotes a Macrophage Phenotype Similar to Tumor-Associated Macrophages. <i>American Journal of Pathology</i> , 2019, 189, 2019-2035.	3.8	62
136	The Missing Pieces of Artificial Intelligence in Medicine. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 555-564.	8.7	46
137	Upper tract urothelial carcinoma has a luminal-papillary T-cell depleted contexture and activated FGFR3 signaling. <i>Nature Communications</i> , 2019, 10, 2977.	12.8	140
138	Artificial intelligence: its applications in reproductive medicine and the assisted reproductive technologies. <i>Fertility and Sterility</i> , 2019, 112, 28-30.	1.0	34
139	3055 Reconstruction of Patient-specific Distal Airway Regeneration Patterns in COPD. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 154-154.	0.6	0
140	Organotypic tumor slice cultures provide a versatile platform for immuno-oncology and drug discovery. <i>Oncolmmunology</i> , 2019, 8, e1670019.	4.6	51
141	Exploring tumor clonal evolution in bone marrow of patients with diffuse large B-cell lymphoma by deep IGH sequencing and its potential relevance in relapse. <i>Blood Cancer Journal</i> , 2019, 9, 69.	6.2	4
142	Clinical features of neuroendocrine prostate cancer. <i>European Journal of Cancer</i> , 2019, 121, 7-18.	2.8	195
143	Cancer-Specific Thresholds Adjust for Whole Exome Sequencingâ€‘Based Tumor Mutational Burden Distribution. <i>JCO Precision Oncology</i> , 2019, 3, 1-12.	3.0	21
144	Integrative Molecular Analysis of Patients With Advanced and Metastatic Cancer. <i>JCO Precision Oncology</i> , 2019, 3, 1-12.	3.0	24

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145	The Transcriptional Regulator Sin3A Contributes to the Oncogenic Potential of STAT3. <i>Cancer Research</i> , 2019, 79, 3076-3087.	0.9	30
146	Imipridone ONC212 activates orphan G protein-coupled receptor GPR132 and integrated stress response in acute myeloid leukemia. <i>Leukemia</i> , 2019, 33, 2805-2816.	7.2	47
147	Radiation therapy and anti-tumor immunity: exposing immunogenic mutations to the immune system. <i>Genome Medicine</i> , 2019, 11, 40.	8.2	179
148	Function and clinical relevance of RHAMM isoforms in pancreatic tumor progression. <i>Molecular Cancer</i> , 2019, 18, 92.	19.2	33
149	A Recurrent Activating Missense Mutation in Waldenström Macroglobulinemia Affects the DNA Binding of the ETS Transcription Factor SPI1 and Enhances Proliferation. <i>Cancer Discovery</i> , 2019, 9, 796-811.	9.4	30
150	Dynamic transcriptome profiles within spermatogonial and spermatocyte populations during postnatal testis maturation revealed by single-cell sequencing. <i>PLoS Genetics</i> , 2019, 15, e1007810.	3.5	80
151	Comprehensive characterization of the mutational landscape in multiple myeloma cell lines reveals potential drivers and pathways associated with tumor progression and drug resistance. <i>Theranostics</i> , 2019, 9, 540-553.	10.0	49
152	Precision Targeting with EZH2 and HDAC Inhibitors in Epigenetically Dysregulated Lymphomas. <i>Clinical Cancer Research</i> , 2019, 25, 5271-5283.	7.0	59
153	CHD1 Loss Alters AR Binding at Lineage-Specific Enhancers and Modulates Distinct Transcriptional Programs to Drive Prostate Tumorigenesis. <i>Cancer Cell</i> , 2019, 35, 603-617.e8.	16.8	70
154	Deep learning enables robust assessment and selection of human blastocysts after in vitro fertilization. <i>Npj Digital Medicine</i> , 2019, 2, 21.	10.9	246
155	Generation of pulmonary neuroendocrine cells and SCLC-like tumors from human embryonic stem cells. <i>Journal of Experimental Medicine</i> , 2019, 216, 674-687.	8.5	68
156	Long non-coding RNAs discriminate the stages and gene regulatory states of human humoral immune response. <i>Nature Communications</i> , 2019, 10, 821.	12.8	73
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