

# Sandro S Santagata

## List of Publications by Citations

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213  
papers

14,161  
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66  
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245  
ext. papers

18,057  
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
213	Genomic Characterization of Brain Metastases Reveals Branched Evolution and Potential Therapeutic Targets. <i>Cancer Discovery</i> , <b>2015</b> , 5, 1164-1177	24.4	581
212	Integrative genomic analysis of medulloblastoma identifies a molecular subgroup that drives poor clinical outcome. <i>Journal of Clinical Oncology</i> , <b>2011</b> , 29, 1424-30	2.2	513
211	HSF1 drives a transcriptional program distinct from heat shock to support highly malignant human cancers. <i>Cell</i> , <b>2012</b> , 150, 549-62	56.2	467
210	Genomic sequencing of meningiomas identifies oncogenic SMO and AKT1 mutations. <i>Nature Genetics</i> , <b>2013</b> , 45, 285-9	36.3	397
209	Partial V(D)J recombination activity leads to Omenn syndrome. <i>Cell</i> , <b>1998</b> , 93, 885-96	56.2	383
208	A HIF1alpha regulatory loop links hypoxia and mitochondrial signals in pheochromocytomas. <i>PLoS Genetics</i> , <b>2005</b> , 1, 72-80	6	335
207	Exome sequencing identifies BRAF mutations in papillary craniopharyngiomas. <i>Nature Genetics</i> , <b>2014</b> , 46, 161-5	36.3	320
206	Derivation of pre-X inactivation human embryonic stem cells under physiological oxygen concentrations. <i>Cell</i> , <b>2010</b> , 141, 872-83	56.2	306
205	Rapid, label-free detection of brain tumors with stimulated Raman scattering microscopy. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 201ra119	17.5	305
204	Profiling critical cancer gene mutations in clinical tumor samples. <i>PLoS ONE</i> , <b>2009</b> , 4, e7887	3.7	295
203	G-protein signaling through tubby proteins. <i>Science</i> , <b>2001</b> , 292, 2041-50	33.3	293
202	JAGGED1 expression is associated with prostate cancer metastasis and recurrence. <i>Cancer Research</i> , <b>2004</b> , 64, 6854-7	10.1	280
201	V(D)J recombination defects in lymphocytes due to RAG mutations: severe immunodeficiency with a spectrum of clinical presentations. <i>Blood</i> , <b>2001</b> , 97, 81-8	2.2	278
200	The reprogramming of tumor stroma by HSF1 is a potent enabler of malignancy. <i>Cell</i> , <b>2014</b> , 158, 564-78	56.2	235
199	Highly multiplexed immunofluorescence imaging of human tissues and tumors using t-CyCIF and conventional optical microscopes. <i>ELife</i> , <b>2018</b> , 7,	8.9	230
198	BRAF V600E mutations are common in pleomorphic xanthoastrocytoma: diagnostic and therapeutic implications. <i>PLoS ONE</i> , <b>2011</b> , 6, e17948	3.7	228
197	High levels of nuclear heat-shock factor 1 (HSF1) are associated with poor prognosis in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 18378-83	11.5	221

196	Classifying human brain tumors by lipid imaging with mass spectrometry. <i>Cancer Research</i> , <b>2012</b> , 72, 645-54	10.1	220
195	The homeodomain region of Rag-1 reveals the parallel mechanisms of bacterial and V(D)J recombination. <i>Cell</i> , <b>1996</b> , 87, 263-76	56.2	203
194	Ambient mass spectrometry for the intraoperative molecular diagnosis of human brain tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 16111-6	11.5	201
193	Tight coordination of protein translation and HSF1 activation supports the anabolic malignant state. <i>Science</i> , <b>2013</b> , 341, 1238303	33.3	200
192	Intraoperative mass spectrometry mapping of an onco-metabolite to guide brain tumor surgery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 11121-6	11.5	176
191	Mechanisms and therapeutic implications of hypermutation in gliomas. <i>Nature</i> , <b>2020</b> , 580, 517-523	50.4	172
190	Application of desorption electrospray ionization mass spectrometry imaging in breast cancer margin analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 15184-9	11.5	161
189	Implication of tubby proteins as transcription factors by structure-based functional analysis. <i>Science</i> , <b>1999</b> , 286, 2119-25	33.3	159
188	Genomic analysis of diffuse pediatric low-grade gliomas identifies recurrent oncogenic truncating rearrangements in the transcription factor MYBL1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 8188-93	11.5	156
187	MYB-QKI rearrangements in angiocentric glioma drive tumorigenicity through a tripartite mechanism. <i>Nature Genetics</i> , <b>2016</b> , 48, 273-82	36.3	154
186	Embryonic stem cell transcription factor signatures in the diagnosis of primary and metastatic germ cell tumors. <i>American Journal of Surgical Pathology</i> , <b>2007</b> , 31, 836-45	6.7	149
185	Oncogenic PI3K mutations are as common as AKT1 and SMO mutations in meningioma. <i>Neuro-Oncology</i> , <b>2016</b> , 18, 649-55	1	144
184	Dramatic Response of BRAF V600E Mutant Papillary Craniopharyngioma to Targeted Therapy. <i>Journal of the National Cancer Institute</i> , <b>2016</b> , 108,	9.7	144
183	FokI requires two specific DNA sites for cleavage. <i>Journal of Molecular Biology</i> , <b>2001</b> , 309, 69-78	6.5	142
182	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. <i>Cell</i> , <b>2020</b> , 181, 236-249	56.2	140
181	Taxonomy of breast cancer based on normal cell phenotype predicts outcome. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 859-70	15.9	134
180	Phase II study of protracted daily temozolomide for low-grade gliomas in adults. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 330-7	12.9	123
179	Desorption electrospray ionization then MALDI mass spectrometry imaging of lipid and protein distributions in single tissue sections. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 8366-71	7.8	117

178	Rapid selection of cyclic peptides that reduce alpha-synuclein toxicity in yeast and animal models. <i>Nature Chemical Biology</i> , <b>2009</b> , 5, 655-63	11.7	117
177	Using the heat-shock response to discover anticancer compounds that target protein homeostasis. <i>ACS Chemical Biology</i> , <b>2012</b> , 7, 340-9	4.9	115
176	Controlled enzymatic production of astrocytic hydrogen peroxide protects neurons from oxidative stress via an Nrf2-independent pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 17385-90	11.5	111
175	Phase I/II study of erlotinib and temsirolimus for patients with recurrent malignant gliomas: North American Brain Tumor Consortium trial 04-02. <i>Neuro-Oncology</i> , <b>2014</b> , 16, 567-78	1	110
174	The RAG1 homeodomain recruits HMG1 and HMG2 to facilitate recombination signal sequence binding and to enhance the intrinsic DNA-bending activity of RAG1-RAG2. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 6532-42	4.8	108
173	Loss of tumor suppressor NF1 activates HSF1 to promote carcinogenesis. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 3742-54	15.9	101
172	Molecular imaging of drug transit through the blood-brain barrier with MALDI mass spectrometry imaging. <i>Scientific Reports</i> , <b>2013</b> , 3, 2859	4.9	99
171	Comprehensive Study of the Clinical Phenotype of Germline BAP1 Variant-Carrying Families Worldwide. <i>Journal of the National Cancer Institute</i> , <b>2018</b> , 110, 1328-1341	9.7	97
170	Increased expression of the immune modulatory molecule PD-L1 (CD274) in anaplastic meningioma. <i>Oncotarget</i> , <b>2015</b> , 6, 4704-16	3.3	92
169	Chaperones as thermodynamic sensors of drug-target interactions reveal kinase inhibitor specificities in living cells. <i>Nature Biotechnology</i> , <b>2013</b> , 31, 630-7	44.5	91
168	Copper induces cell death by targeting lipoylated TCA cycle proteins.. <i>Science</i> , <b>2022</b> , 375, 1254-1261	33.3	89
167	Label-Free Neurosurgical Pathology with Stimulated Raman Imaging. <i>Cancer Research</i> , <b>2016</b> , 76, 3451-62	10.1	88
166	Immunogenomic profiling determines responses to combined PARP and PD-1 inhibition in ovarian cancer. <i>Nature Communications</i> , <b>2020</b> , 11, 1459	17.4	82
165	HSP90 empowers evolution of resistance to hormonal therapy in human breast cancer models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 18297-302	11.5	80
164	BAP1 mutations in high-grade meningioma: implications for patient care. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 1447-1456	7.9	
163	Genomic landscape of high-grade meningiomas. <i>Npj Genomic Medicine</i> , <b>2017</b> , 2,	6.2	78
162	MEDU-37. NEURONAL DIFFERENTIATION AND CELL-CYCLE PROGRAMS MEDIATE RESPONSE AND RESISTANCE TO BET-BROMODOMAIN INHIBITION IN MYC-DRIVEN MEDULLOBLASTOMA. <i>Neuro-Oncology</i> , <b>2019</b> , 21, ii111-ii111	1	78
161	Genomic characterization of human brain metastases identifies drivers of metastatic lung adenocarcinoma. <i>Nature Genetics</i> , <b>2020</b> , 52, 371-377	36.3	78

160	RARE-07. THE LANDSCAPE OF GENOMIC ALTERATIONS IN ADAMANTINOMATOUS CRANIOPHARYNGIOMAS. <i>Neuro-Oncology</i> , <b>2020</b> , 22, iii443-iii443	1	78
159	46. PAN-CANCER ANALYSIS OF ORTHOTOPIC PATIENT DERIVED XENOGRAPTS FROM BRAIN METASTASES. <i>Neuro-Oncology Advances</i> , <b>2020</b> , 2, ii9-ii9	0.9	78
158	DRES-08. CLINICAL SIGNIFICANCE OF HYPERMUTATION IN GLIOMAS. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi73-vi73		78
157	RARE-04. TARGETED TREATMENT OF PAPILLARY CRANIOPHARYNGIOMAS HARBORING BRAFV600E MUTATIONS. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi222-vi222	1	78
156	GENE-63. GENOMIC CHARACTERIZATION OF HUMAN BRAIN METASTASES IDENTIFIES NOVEL DRIVERS OF LUNG ADENOCARCINOMA PROGRESSION. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi111-vi111	1	78
155	CMET-33. PHASE II STUDY OF PALBOCICLIB IN BRAIN METASTASES HARBORING CDK PATHWAY ALTERATIONS. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi58-vi59	1	78
154	INN-13. ALLELE: A CONSORTIUM FOR PROSPECTIVE GENOMICS AND FUNCTIONAL DIAGNOSTICS TO GUIDE PATIENT CARE AND TRIAL ANALYSIS IN NEWLY-DIAGNOSED GLIOBLASTOMA. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi140-vi141	1	78
153	MBRS-01. A CASE OF MOLECULARLY PROFILED EXTRANEURAL MEDULLOBLASTOMA METASTASES IN A CHILD. <i>Neuro-Oncology</i> , <b>2018</b> , 20, i128-i128	1	78
152	PATH-16. MOLECULAR PATHOLOGY AND CLINICAL CHARACTERISTICS OF MMR DEFICIENCY (MMRd) IN DIFFUSE GLIOMAS. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi161-vi161	1	78
151	Increased expression of programmed death ligand 1 (PD-L1) in human pituitary tumors. <i>Oncotarget</i> , <b>2016</b> , 7, 76565-76576	3.3	74
150	The RAG1/RAG2 complex constitutes a 3Rflap endonuclease: implications for junctional diversity in V(D)J and transpositional recombination. <i>Molecular Cell</i> , <b>1999</b> , 4, 935-47	17.6	70
149	Detection of KIAA1549-BRAF fusion transcripts in formalin-fixed paraffin-embedded pediatric low-grade gliomas. <i>Journal of Molecular Diagnostics</i> , <b>2011</b> , 13, 669-77	5.1	69
148	Successful Treatment of a Progressive BRAF V600E-Mutated Anaplastic Pleomorphic Xanthoastrocytoma With Vemurafenib Monotherapy. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, e87-9	2.2	67
147	Radiographic prediction of meningioma grade by semantic and radiomic features. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187908	3.7	66
146	Landscape of Genomic Alterations in Pituitary Adenomas. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 1841-1851	12.9	64
145	Mass spectrometry imaging as a tool for surgical decision-making. <i>Journal of Mass Spectrometry</i> , <b>2013</b> , 48, 1178-87	2.2	64
144	Mitochondrial metabolism promotes adaptation to proteotoxic stress. <i>Nature Chemical Biology</i> , <b>2019</b> , 15, 681-689	11.7	62
143	Genomic landscape of intracranial meningiomas. <i>Journal of Neurosurgery</i> , <b>2016</b> , 125, 525-35	3.2	62

142	Adjuvant radiation therapy, local recurrence, and the need for salvage therapy in atypical meningioma. <i>Neuro-Oncology</i> , <b>2014</b> , 16, 1547-53	1	61
141	Germline and somatic BAP1 mutations in high-grade rhabdoid meningiomas. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 535-545	1	60
140	N-terminal RAG1 frameshift mutations in Omenn syndrome: internal methionine usage leads to partial V(D)J recombination activity and reveals a fundamental role in vivo for the N-terminal domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 14572-7	11.5	60
139	Neuropathology of a Case With Fatal CAR T-Cell-Associated Cerebral Edema. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2018</b> , 77, 877-882	3.1	58
138	ARID1A and TERT promoter mutations in dedifferentiated meningioma. <i>Cancer Genetics</i> , <b>2015</b> , 208, 345-50	5.9	57
137	Omenn syndrome: a disorder of Rag1 and Rag2 genes. <i>Journal of Clinical Immunology</i> , <b>1999</b> , 19, 87-97	5.7	57
136	Inhibiting HSP90 to treat cancer: a strategy in evolution. <i>Current Molecular Medicine</i> , <b>2012</b> , 12, 1108-24	2.5	56
135	Mutations in conserved regions of the predicted RAG2 kelch repeats block initiation of V(D)J recombination and result in primary immunodeficiencies. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 5653-64	4.8	54
134	Structure-activity relationships for withanolides as inducers of the cellular heat-shock response. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 2851-63	8.3	51
133	Updates in prognostic markers for gliomas. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vii17-vii26	1	51
132	MALDI mass spectrometry imaging analysis of pituitary adenomas for near-real-time tumor delineation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 9978-83	11.5	50
131	The genetic and biochemical basis of Omenn syndrome. <i>Immunological Reviews</i> , <b>2000</b> , 178, 64-74	11.3	48
130	An update on the CNS manifestations of neurofibromatosis type 2. <i>Acta Neuropathologica</i> , <b>2020</b> , 139, 643-665	14.3	48
129	A prognostic cytogenetic scoring system to guide the adjuvant management of patients with atypical meningioma. <i>Neuro-Oncology</i> , <b>2016</b> , 18, 269-74	1	47
128	Angiomatous meningiomas have a distinct genetic profile with multiple chromosomal polysomies including polysomy of chromosome 5. <i>Oncotarget</i> , <b>2014</b> , 5, 10596-606	3.3	46
127	Clinical multiplexed exome sequencing distinguishes adult oligodendroglial neoplasms from astrocytic and mixed lineage gliomas. <i>Oncotarget</i> , <b>2014</b> , 5, 8083-92	3.3	46
126	Compromising the 19S proteasome complex protects cells from reduced flux through the proteasome. <i>ELife</i> , <b>2015</b> , 4,	8.9	46
125	Sporadic hemangioblastomas are characterized by cryptic VHL inactivation. <i>Acta Neuropathologica Communications</i> , <b>2014</b> , 2, 167	7.3	45

124	Eastern equine encephalitis in children, Massachusetts and New Hampshire, USA, 1970-2010. <i>Emerging Infectious Diseases</i> , <b>2013</b> , 19, 194-201; quiz 352	10.2	45
123	Cross-reactivity of the BRAF VE1 antibody with epitopes in axonemal dyneins leads to staining of cilia. <i>Modern Pathology</i> , <b>2015</b> , 28, 596-606	9.8	43
122	Clinical Identification of Oncogenic Drivers and Copy-Number Alterations in Pituitary Tumors. <i>Endocrinology</i> , <b>2017</b> , 158, 2284-2291	4.8	42
121	DMD genomic deletions characterize a subset of progressive/higher-grade meningiomas with poor outcome. <i>Acta Neuropathologica</i> , <b>2018</b> , 136, 779-792	14.3	41
120	Comparative analysis of germ cell transcription factors in CNS germinoma reveals diagnostic utility of NANOG. <i>American Journal of Surgical Pathology</i> , <b>2006</b> , 30, 1613-8	6.7	41
119	ENDOCRINE TUMORS: BRAF V600E mutations in papillary craniopharyngioma. <i>European Journal of Endocrinology</i> , <b>2016</b> , 174, R139-44	6.5	41
118	Definition of minimal domains of interaction within the recombination-activating genes 1 and 2 recombinase complex. <i>Journal of Immunology</i> , <b>2000</b> , 164, 5826-32	5.3	40
117	Clinical targeted exome-based sequencing in combination with genome-wide copy number profiling: precision medicine analysis of 203 pediatric brain tumors. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 986-996	1	39
116	Clinical implementation of integrated whole-genome copy number and mutation profiling for glioblastoma. <i>Neuro-Oncology</i> , <b>2015</b> , 17, 1344-55	1	39
115	Molecular typing of Meningiomas by Desorption Electrospray Ionization Mass Spectrometry Imaging for Surgical Decision-Making. <i>International Journal of Mass Spectrometry</i> , <b>2015</b> , 377, 690-698	1.9	38
114	Clinical and radiographic response following targeting of BCAN-NTRK1 fusion in glioneuronal tumor. <i>Npj Precision Oncology</i> , <b>2017</b> , 1, 5	9.8	37
113	Multiplexed immunofluorescence reveals potential PD-1/PD-L1 pathway vulnerabilities in craniopharyngioma. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 1101-1112	1	36
112	HSF1 phase transition mediates stress adaptation and cell fate decisions. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 151-158	23.4	36
111	Qualifying antibodies for image-based immune profiling and multiplexed tissue imaging. <i>Nature Protocols</i> , <b>2019</b> , 14, 2900-2930	18.8	35
110	CRX is a diagnostic marker of retinal and pineal lineage tumors. <i>PLoS ONE</i> , <b>2009</b> , 4, e7932	3.7	35
109	The effect of Me2+ cofactors at the initial stages of V(D)J recombination. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 16325-31	5.4	35
108	Targeting immunosuppressive macrophages overcomes PARP inhibitor resistance in BRCA1-associated triple-negative breast cancer. <i>Nature Cancer</i> , <b>2021</b> , 2, 66-82	15.4	35
107	Expression profiles of 151 pediatric low-grade gliomas reveal molecular differences associated with location and histological subtype. <i>Neuro-Oncology</i> , <b>2015</b> , 17, 1486-96	1	33

106	Treatment of brain metastases in the modern genomic era. <i>Pharmacology &amp; Therapeutics</i> , <b>2017</b> , 170, 64-72	13.9	32
105	Targeted sequencing of SMO and AKT1 in anterior skull base meningiomas. <i>Journal of Neurosurgery</i> , <b>2017</b> , 127, 438-444	3.2	31
104	Suppression of 19S proteasome subunits marks emergence of an altered cell state in diverse cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 382-387	11.5	30
103	Intraoperative Magnetic Resonance Imaging in Intracranial Glioma Resection: A Single-Center, Retrospective Blinded Volumetric Study. <i>World Neurosurgery</i> , <b>2015</b> , 84, 528-36	2.1	30
102	Rapid discrimination of pediatric brain tumors by mass spectrometry imaging. <i>Journal of Neuro-Oncology</i> , <b>2018</b> , 140, 269-279	4.8	29
101	Targeted treatment of papillary craniopharyngiomas harboring BRAF V600E mutations. <i>Cancer</i> , <b>2019</b> , 125, 2910-2914	6.4	28
100	The impact of histopathology and NAB2-STAT6 fusion subtype in classification and grading of meningeal solitary fibrous tumor/hemangiopericytoma. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 307-319	14.3	28
99	Localized Metabolomic Gradients in Patient-Derived Xenograft Models of Glioblastoma. <i>Cancer Research</i> , <b>2020</b> , 80, 1258-1267	10.1	26
98	The master regulator of the cellular stress response (HSF1) is critical for orthopoxvirus infection. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003904	7.6	26
97	Multiplex amplification coupled with COLD-PCR and high resolution melting enables identification of low-abundance mutations in cancer samples with low DNA content. <i>Journal of Molecular Diagnostics</i> , <b>2011</b> , 13, 220-32	5.1	26
96	Rapid MALDI mass spectrometry imaging for surgical pathology. <i>Npj Precision Oncology</i> , <b>2019</b> , 3, 17	9.8	25
95	DNA fragmentation simulation method (FSM) and fragment size matching improve aCGH performance of FFPE tissues. <i>PLoS ONE</i> , <b>2012</b> , 7, e38881	3.7	24
94	Profiling of adrenocorticotrophic hormone and arginine vasopressin in human pituitary gland and tumor thin tissue sections using droplet-based liquid-microjunction surface-sampling-HPLC-ESI-MS-MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 5989-98	4.4	23
93	Molecular cloning and characterization of a mouse homolog of bacterial ClpX, a novel mammalian class II member of the Hsp100/Clp chaperone family. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 16311-9	5.4	23
92	Decreased FOXJ1 expression and its ciliogenesis programme in aggressive ependymoma and choroid plexus tumours. <i>Journal of Pathology</i> , <b>2016</b> , 238, 584-97	9.4	23
91	Highly multiplexed immunofluorescence images and single-cell data of immune markers in tonsil and lung cancer. <i>Scientific Data</i> , <b>2019</b> , 6, 323	8.2	23
90	Rebalancing Protein Homeostasis Enhances Tumor Antigen Presentation. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 6392-6405	12.9	22
89	Mismatch repair deficiency in high-grade meningioma: a rare but recurrent event associated with dramatic immune activation and clinical response to PD-1 blockade. <i>JCO Precision Oncology</i> , <b>2018</b> , 2018,	3.6	22



88	A Deregulated HOX Gene Axis Confers an Epigenetic Vulnerability in KRAS-Mutant Lung Cancers. <i>Cancer Cell</i> , <b>2020</b> , 37, 705-719.e6	24.3	21
87	Diagnosis and management of craniopharyngiomas in the era of genomics and targeted therapy. <i>Neurosurgical Focus</i> , <b>2016</b> , 41, E2	4.2	19
86	Neuronal differentiation and cell-cycle programs mediate response to BET-bromodomain inhibition in MYC-driven medulloblastoma. <i>Nature Communications</i> , <b>2019</b> , 10, 2400	17.4	18
85	Checkpoint inhibition in meningiomas. <i>Immunotherapy</i> , <b>2016</b> , 8, 721-31	3.8	18
84	Distinct genomic subclasses of high-grade/progressive meningiomas: NF2-associated, NF2-exclusive, and NF2-agnostic. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 171	7.3	18
83	Targeting Pin1 renders pancreatic cancer eradicable by synergizing with immunochemotherapy. <i>Cell</i> , <b>2021</b> , 184, 4753-4771.e27	56.2	18
82	Atypical presentation of cerebral schistosomiasis four years after exposure to <i>Schistosoma mansoni</i> . <i>Epilepsy &amp; Behavior Case Reports</i> , <b>2014</b> , 2, 80-5	1.2	15
81	Osteoglycin promotes meningioma development through downregulation of NF2 and activation of mTOR signaling. <i>Cell Communication and Signaling</i> , <b>2017</b> , 15, 34	7.5	15
80	Artifacts to avoid while taking advantage of top-down mass spectrometry based detection of protein S-thiolation. <i>Proteomics</i> , <b>2014</b> , 14, 1152-7	4.8	15
79	Potential evolution of neurosurgical treatment paradigms for craniopharyngioma based on genomic and transcriptomic characteristics. <i>Neurosurgical Focus</i> , <b>2016</b> , 41, E3	4.2	15
78	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. <i>Nature Methods</i> , <b>2021</b> ,	21.6	14
77	Antigen dominance hierarchies shape TCF1 progenitor CD8 T cell phenotypes in tumors. <i>Cell</i> , <b>2021</b> , 184, 4996-5014.e26	56.2	13
76	Response and mechanisms of resistance to larotrectinib and selitrectinib in metastatic undifferentiated sarcoma harboring oncogenic fusion of. <i>JCO Precision Oncology</i> , <b>2020</b> , 4, 79-90	3.6	12
75	Fatal Eastern Equine Encephalitis in a Patient on Maintenance Rituximab: A Case Report. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, ofx021	1	12
74	Frequent inactivating mutations of the PBAF complex gene PBRM1 in meningioma with papillary features. <i>Acta Neuropathologica</i> , <b>2020</b> , 140, 89-93	14.3	10
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