

Sandro S Santagata

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

213
papers

14,161
citations

66
h-index

116
g-index

245
ext. papers

18,057
ext. citations

9.7
avg, IF

6.07
L-index

#	Paper	IF	Citations
213	Single-cell tumor-immune microenvironment of BRCA1/2 mutated high-grade serous ovarian cancer.. <i>Nature Communications</i> , 2022 , 13, 835	17.4	2
212	Abstract P2-07-13: High-dimensional, single-cell analysis and transcriptional profiling reveal novel correlatives of response to PARP inhibition plus PD-1 blockade in triple-negative breast cancer. <i>Cancer Research</i> , 2022 , 82, P2-07-13-P2-07-13	10.1	
211	HSF2 cooperates with HSF1 to drive a transcriptional program critical for the malignant state.. <i>Science Advances</i> , 2022 , 8, eabj6526	14.3	1
210	MITI minimum information guidelines for highly multiplexed tissue images.. <i>Nature Methods</i> , 2022 , 19, 262-267	21.6	2
209	Copper induces cell death by targeting lipoylated TCA cycle proteins.. <i>Science</i> , 2022 , 375, 1254-1261	33.3	89
208	Temporal and spatial topography of cell proliferation in cancer.. <i>Nature Cell Biology</i> , 2022 , 24, 316-326	23.4	4
207	Phase 2 study of pembrolizumab in patients with recurrent and residual high-grade meningiomas.. <i>Nature Communications</i> , 2022 , 13, 1325	17.4	2
206	DIPG-44. H3K27-altered diffuse midline gliomas with secondary driver molecular alterations. <i>Neuro-Oncology</i> , 2022 , 24, i28-i28	1	
205	Narrative online guides for the interpretation of digital-pathology images and tissue-atlas data. <i>Nature Biomedical Engineering</i> , 2021 ,	19	4
204	PATH-37. DISTINCT GENOMIC SUBCLASSES OF HIGH-GRADE/PROGRESSIVE MENINGIOMAS: NF2-ASSOCIATED, NF2-EXCLUSIVE, AND NF2-AGNOSTIC. <i>Neuro-Oncology</i> , 2021 , 23, vi123-vi123	1	
203	CTNI-05. PRELIMINARY RESULTS OF THE NERATINIB ARM IN THE INDIVIDUALIZED SCREENING TRIAL OF INNOVATIVE GLIOBLASTOMA THERAPY (INSIGHT): A PHASE II PLATFORM TRIAL USING BAYESIAN ADAPTIVE RANDOMIZATION. <i>Neuro-Oncology</i> , 2021 , 23, vi59-vi59	1	1
202	CTIM-30. PHASE II TRIAL OF PEMBROLIZUMAB IN RECURRENT AND RESIDUAL HIGH-GRADE MENINGIOMAS. <i>Neuro-Oncology</i> , 2021 , 23, vi57-vi57	1	
201	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. <i>Nature Methods</i> , 2021 ,	21.6	14
200	CTNI-53. RADIATION TREATMENT VOLUMES BEFORE AND AFTER BRAF/MEK THERAPY IN NEWLY DIAGNOSED PAPILLARY CRANIOPHARYNGIOMAS: A CORRELATIVE ANALYSIS OF THE ALLIANCE A071601 PHASE II TRIAL. <i>Neuro-Oncology</i> , 2021 , 23, vi72-vi72	1	
199	Palbociclib demonstrates intracranial activity in progressive brain metastases harboring cyclin-dependent kinase pathway alterations.. <i>Nature Cancer</i> , 2021 , 2, 498-502	15.4	9
198	Activity of PD-1 blockade with Nivolumab among patients with recurrent atypical/anaplastic meningioma: Phase II trial results. <i>Neuro-Oncology</i> , 2021 ,	1	7
197	Temporal and spatial topography of cell proliferation in cancer.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3122-3122	2.2	

196	Alliance A071601: Phase II trial of BRAF/MEK inhibition in newly diagnosed papillary craniopharyngiomas.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 2000-2000	2.2	7
195	Targeting immunosuppressive macrophages overcomes PARP inhibitor resistance in BRCA1-associated triple-negative breast cancer. <i>Nature Cancer</i> , 2021 , 2, 66-82	15.4	35
194	Sporadic multiple meningiomas harbor distinct driver mutations. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 8	7.3	2
193	HAND1 and BARX1 Act as Transcriptional and Anatomic Determinants of Malignancy in Gastrointestinal Stromal Tumor. <i>Clinical Cancer Research</i> , 2021 , 27, 1706-1719	12.9	4
192	Identification and Therapeutic Targeting of GPR20, Selectively Expressed in Gastrointestinal Stromal Tumors, with DS-6157a, a First-in-Class Antibody-Drug Conjugate. <i>Cancer Discovery</i> , 2021 , 11, 1508-1523	24.4	7
191	P04.09 Frequent inactivating mutations of PBRM1 in meningioma with papillary features. <i>Neuro-Oncology</i> , 2021 , 23, ii20-ii20	1	
190	Antigen dominance hierarchies shape TCF1 progenitor CD8 T cell phenotypes in tumors. <i>Cell</i> , 2021 , 184, 4996-5014.e26	56.2	13
189	Interim clinical trial analysis of intraoperative mass spectrometry for breast cancer surgery. <i>Npj Breast Cancer</i> , 2021 , 7, 116	7.8	0
188	Targeting Pin1 renders pancreatic cancer eradicable by synergizing with immunochemotherapy. <i>Cell</i> , 2021 , 184, 4753-4771.e27	56.2	18
187	A Molecularly Integrated Grade for Meningioma. <i>Neuro-Oncology</i> , 2021 ,	1	7
186	Clinical utility of targeted next generation sequencing assay in IDH-wildtype glioblastoma for therapy decision-making. <i>Neuro-Oncology</i> , 2021 ,	1	3
185	Frequent inactivating mutations of the PBAF complex gene PBRM1 in meningioma with papillary features. <i>Acta Neuropathologica</i> , 2020 , 140, 89-93	14.3	10
184	Telomere length alterations and ATRX/DAXX loss in pituitary adenomas. <i>Modern Pathology</i> , 2020 , 33, 1475-1481	9.8	7
183	Immunogenomic profiling determines responses to combined PARP and PD-1 inhibition in ovarian cancer. <i>Nature Communications</i> , 2020 , 11, 1459	17.4	82
182	Genomic characterization of human brain metastases identifies drivers of metastatic lung adenocarcinoma. <i>Nature Genetics</i> , 2020 , 52, 371-377	36.3	78
181	Localized Metabolomic Gradients in Patient-Derived Xenograft Models of Glioblastoma. <i>Cancer Research</i> , 2020 , 80, 1258-1267	10.1	26
180	Response and mechanisms of resistance to larotrectinib and selitrectinib in metastatic undifferentiated sarcoma harboring oncogenic fusion of. <i>JCO Precision Oncology</i> , 2020 , 4, 79-90	3.6	12
179	A Deregulated HOX Gene Axis Confers an Epigenetic Vulnerability in KRAS-Mutant Lung Cancers. <i>Cancer Cell</i> , 2020 , 37, 705-719.e6	24.3	21

178	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. <i>Cell</i> , 2020 , 181, 236-249	56.2	140
177	CTNI-12. PRELIMINARY RESULTS OF THE ABEMACICLIB ARM IN THE INDIVIDUALIZED SCREENING TRIAL OF INNOVATIVE GLIOBLASTOMA THERAPY (INSIGHT): A PHASE II PLATFORM TRIAL USING BAYESIAN ADAPTIVE RANDOMIZATION. <i>Neuro-Oncology</i> , 2020 , 22, ii44-ii44	1	1
176	PATH-03. CLINICAL UTILITY OF NEXT GENERATION SEQUENCING IN IDH-WILDTYPE GLIOBLASTOMA: THE DANA-FARBER CANCER INSTITUTE EXPERIENCE. <i>Neuro-Oncology</i> , 2020 , 22, ii164-ii164	1	1
175	TMOD-03. PAN-CANCER ANALYSIS OF ORTHOTOPIC PATIENT DERIVED XENOGRAPHS FROM BRAIN METASTASES. <i>Neuro-Oncology</i> , 2020 , 22, ii228-ii228	1	
174	TAMI-45. PHENOGENOMIC CHARACTERIZATION OF IMMUNOMODULATORY PURINERGIC SIGNALING IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020 , 22, ii222-ii223	1	
173	PATH-35. A SCALABLE MOLECULARLY INTEGRATED CLASSIFIER FOR MENINGIOMA OUTPERFORMS WHO CLASSIFICATION. <i>Neuro-Oncology</i> , 2020 , 22, ii172-ii172	1	
172	860 Targeting immunosuppressive macrophages overcomes PARP-inhibitor resistance in BRCA1-associated triple-negative breast cancer 2020 , 8, A913-A913		1
171	Alliance A071401: Phase II trial of FAK inhibition in meningiomas with somatic NF2 mutations.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 2502-2502	2.2	5
170	Minerva: a light-weight, narrative image browser for multiplexed tissue images. <i>Journal of Open Source Software</i> , 2020 , 5,	5.2	8
169	RARE-07. THE LANDSCAPE OF GENOMIC ALTERATIONS IN ADAMANTINOMATOUS CRANIOPHARYNGIOMAS. <i>Neuro-Oncology</i> , 2020 , 22, iii443-iii443	1	78
168	HSF1 phase transition mediates stress adaptation and cell fate decisions. <i>Nature Cell Biology</i> , 2020 , 22, 151-158	23.4	36
167	CTNI-11. CC-115 IN NEWLY DIAGNOSED MGMT UNMETHYLATED GLIOBLASTOMA IN THE INDIVIDUALIZED SCREENING TRIAL OF INNOVATIVE GLIOBLASTOMA THERAPY (INSIGHT): A PHASE II RANDOMIZED BAYESIAN ADAPTIVE PLATFORM TRIAL. <i>Neuro-Oncology</i> , 2020 , 22, ii43-ii44	1	2
166	46. PAN-CANCER ANALYSIS OF ORTHOTOPIC PATIENT DERIVED XENOGRAPHS FROM BRAIN METASTASES. <i>Neuro-Oncology Advances</i> , 2020 , 2, ii9-ii9	0.9	78
165	Distinct genomic subclasses of high-grade/progressive meningiomas: NF2-associated, NF2-exclusive, and NF2-agnostic. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 171	7.3	18
164	SYLARAS: A Platform for the Statistical Analysis and Visual Display of Systemic Immunoprofiling Data and Its Application to Glioblastoma. <i>Cell Systems</i> , 2020 , 11, 272-285.e9	10.6	4
163	An update on the CNS manifestations of neurofibromatosis type 2. <i>Acta Neuropathologica</i> , 2020 , 139, 643-665	14.3	48
162	Pre- and Postoperative Neratinib for HER2-Positive Breast Cancer Brain Metastases: Translational Breast Cancer Research Consortium 022. <i>Clinical Breast Cancer</i> , 2020 , 20, 145-151.e2	3	10
161	Mechanisms and therapeutic implications of hypermutation in gliomas. <i>Nature</i> , 2020 , 580, 517-523	50.4	172

160	Rapid MALDI mass spectrometry imaging for surgical pathology. <i>Npj Precision Oncology</i> , 2019 , 3, 17	9.8	25
159	Qualifying antibodies for image-based immune profiling and multiplexed tissue imaging. <i>Nature Protocols</i> , 2019 , 14, 2900-2930	18.8	35
158	Mitochondrial metabolism promotes adaptation to proteotoxic stress. <i>Nature Chemical Biology</i> , 2019 , 15, 681-689	11.7	62
157	Rebalancing Protein Homeostasis Enhances Tumor Antigen Presentation. <i>Clinical Cancer Research</i> , 2019 , 25, 6392-6405	12.9	22
156	Neuronal differentiation and cell-cycle programs mediate response to BET-bromodomain inhibition in MYC-driven medulloblastoma. <i>Nature Communications</i> , 2019 , 10, 2400	17.4	18
155	MEDU-37. NEURONAL DIFFERENTIATION AND CELL-CYCLE PROGRAMS MEDIATE RESPONSE AND RESISTANCE TO BET-BROMODOMAIN INHIBITION IN MYC-DRIVEN MEDULLOBLASTOMA. <i>Neuro-Oncology</i> , 2019 , 21, ii111-ii111	1	78
154	Targeted treatment of papillary craniopharyngiomas harboring BRAF V600E mutations. <i>Cancer</i> , 2019 , 125, 2910-2914	6.4	28
153	Molecular characterization and management of secondary resistance to serial TRK inhibitors.. <i>Journal of Clinical Oncology</i> , 2019 , 37, e22547-e22547	2.2	1
152	DRES-08. CLINICAL SIGNIFICANCE OF HYPERMUTATION IN GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, vi73-vi73		78
151	RARE-04. TARGETED TREATMENT OF PAPILLARY CRANIOPHARYNGIOMAS HARBORING BRAFV600E MUTATIONS. <i>Neuro-Oncology</i> , 2019 , 21, vi222-vi222	1	78
150	Highly multiplexed immunofluorescence images and single-cell data of immune markers in tonsil and lung cancer. <i>Scientific Data</i> , 2019 , 6, 323	8.2	23
149	GENE-63. GENOMIC CHARACTERIZATION OF HUMAN BRAIN METASTASES IDENTIFIES NOVEL DRIVERS OF LUNG ADENOCARCINOMA PROGRESSION. <i>Neuro-Oncology</i> , 2019 , 21, vi111-vi111	1	78
148	CMET-33. PHASE II STUDY OF PALBOCICLIB IN BRAIN METASTASES HARBORING CDK PATHWAY ALTERATIONS. <i>Neuro-Oncology</i> , 2019 , 21, vi58-vi59	1	78
147	The impact of histopathology and NAB2-STAT6 fusion subtype in classification and grading of meningeal solitary fibrous tumor/hemangiopericytoma. <i>Acta Neuropathologica</i> , 2019 , 137, 307-319	14.3	28
146	Multiplexed immunofluorescence reveals potential PD-1/PD-L1 pathway vulnerabilities in craniopharyngioma. <i>Neuro-Oncology</i> , 2018 , 20, 1101-1112	1	36
145	Meningioma transcription factors link cell lineage with systemic metabolic cues. <i>Neuro-Oncology</i> , 2018 , 20, 1331-1343	1	6
144	Neuropathology of a Case With Fatal CAR T-Cell-Associated Cerebral Edema. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 877-882	3.1	58
143	Highly multiplexed immunofluorescence imaging of human tissues and tumors using t-CyCIF and conventional optical microscopes. <i>ELife</i> , 2018 , 7,	8.9	230

142	A case of molecularly profiled extraneural medulloblastoma metastases in a child. <i>BMC Medical Genetics</i> , 2018 , 19, 10	2.1	1
141	CRAN-11. MULTIPLEXED IMMUNOFLOUORESCENCE REVEALS POTENTIAL PD-1/PD-L1 PATHWAY VULNERABILITIES IN CRANIOPHARYNGIOMA. <i>Neuro-Oncology</i> , 2018 , 20, i39-i39	1	2
140	DMD genomic deletions characterize a subset of progressive/higher-grade meningiomas with poor outcome. <i>Acta Neuropathologica</i> , 2018 , 136, 779-792	14.3	41
139	Rapid discrimination of pediatric brain tumors by mass spectrometry imaging. <i>Journal of Neuro-Oncology</i> , 2018 , 140, 269-279	4.8	29
138	ALLELE: A consortium for prospective genomics and functional diagnostics to guide patient care and trial analysis in newly-diagnosed glioblastoma.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 2003-2003	2.2	
137	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> , 2018 , 2018,	3.6	22
136	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> , 2018 , 20, vi140-vi141	1	78
135	Integrating Genomics Into Neuro-Oncology Clinical Trials and Practice. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2018 , 38, 148-157	7.1	2
134	New molecular targets in meningiomas: the present and the future. <i>Current Opinion in Neurology</i> , 2018 , 31, 740-746	7.1	6
133	MBRS-01. A CASE OF MOLECULARLY PROFILED EXTRANEURAL MEDULLOBLASTOMA METASTASES IN A CHILD. <i>Neuro-Oncology</i> , 2018 , 20, i128-i128	1	78
132	Updates in prognostic markers for gliomas. <i>Neuro-Oncology</i> , 2018 , 20, vii17-vii26	1	51
131	PATH-16. MOLECULAR PATHOLOGY AND CLINICAL CHARACTERISTICS OF MMR DEFICIENCY (MMRd) IN DIFFUSE GLIOMAS. <i>Neuro-Oncology</i> , 2018 , 20, vi161-vi161	1	78
130	RARE-08. GRADING CONSIDERATIONS FOR MENINGEAL SOLITARY FIBROUS TUMOR/HEMANGIOPERICYTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi237-vi238	1	1
129	Comprehensive Study of the Clinical Phenotype of Germline BAP1 Variant-Carrying Families Worldwide. <i>Journal of the National Cancer Institute</i> , 2018 , 110, 1328-1341	9.7	97
128	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> , 2017 , 19, 986-996	1	39
127	BAP1 mutations in high-grade meningioma: implications for patient care. <i>Neuro-Oncology</i> , 2017 , 19, 1447-1456	7.9	79
126	Clinical Identification of Oncogenic Drivers and Copy-Number Alterations in Pituitary Tumors. <i>Endocrinology</i> , 2017 , 158, 2284-2291	4.8	42
125	Targeted sequencing of SMO and AKT1 in anterior skull base meningiomas. <i>Journal of Neurosurgery</i> , 2017 , 127, 438-444	3.2	31

124	Genomic landscape of high-grade meningiomas. <i>Npj Genomic Medicine</i> , 2017 , 2,	6.2	78
123	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> , 2017 , 114, 382-387	11.5	30
122	Rapid Mass Spectrometry Imaging to Assess the Biochemical Profile of Pituitary Tissue for Potential Intraoperative Usage. <i>Advances in Cancer Research</i> , 2017 , 134, 257-282	5.9	4
121	Germline and somatic BAP1 mutations in high-grade rhabdoid meningiomas. <i>Neuro-Oncology</i> , 2017 , 19, 535-545	1	60
120	Clinical and radiographic response following targeting of BCAN-NTRK1 fusion in glioneuronal tumor. <i>Npj Precision Oncology</i> , 2017 , 1, 5	9.8	37
119	Nuclear CRX and FOXJ1 Expression Differentiates Non-Germ Cell Pineal Region Tumors and Supports the Ependymal Differentiation of Papillary Tumor of the Pineal Region. <i>American Journal of Surgical Pathology</i> , 2017 , 41, 1410-1421	6.7	5
118	Treatment of brain metastases in the modern genomic era. <i>Pharmacology & Therapeutics</i> , 2017 , 170, 64-72	13.9	32
117	Landscape of Genomic Alterations in Pituitary Adenomas. <i>Clinical Cancer Research</i> , 2017 , 23, 1841-1851	12.9	64
116	Fatal Eastern Equine Encephalitis in a Patient on Maintenance Rituximab: A Case Report. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx021	1	12
115	Osteoglycin promotes meningioma development through downregulation of NF2 and activation of mTOR signaling. <i>Cell Communication and Signaling</i> , 2017 , 15, 34	7.5	15
114	Radiographic prediction of meningioma grade by semantic and radiomic features. <i>PLoS ONE</i> , 2017 , 12, e0187908	3.7	66
113	Orbital leiomyosarcoma metastasis presenting prior to diagnosis of the primary tumor. <i>Digital Journal of Ophthalmology: DJO</i> , 2017 , 23, 22-26	1.3	2
112	Transcriptomic and Genomic Analyses of Human Craniopharyngioma 2017 , 27-39		3
111	Radiographic Prediction of Meningioma Grade and Genomic Profile. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156	1.5	1
110	Craniopharyngioma Pathogenesis and Implications for Medical Management. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156	1.5	
109	Genomic Landscape of High-grade Meningiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156	1.5	
108	Distinct patterns of primary and motile cilia in Rathke's cleft cysts and craniopharyngioma subtypes. <i>Modern Pathology</i> , 2016 , 29, 1446-1459	9.8	10
107	Susan Lindquist (1949-2016). <i>Science</i> , 2016 , 354, 974	33.3	2

106	Checkpoint inhibition in meningiomas. <i>Immunotherapy</i> , 2016 , 8, 721-31	3.8	18
105	: meningioma. <i>Neuro-Oncology Practice</i> , 2016 , 3, 120-134	2.2	4
104	Genomic landscape of intracranial meningiomas. <i>Journal of Neurosurgery</i> , 2016 , 125, 525-35	3.2	62
103	Successful Treatment of a Progressive BRAF V600E-Mutated Anaplastic Pleomorphic Xanthoastrocytoma With Vemurafenib Monotherapy. <i>Journal of Clinical Oncology</i> , 2016 , 34, e87-9	2.2	67
102	MYB-QKI rearrangements in angiocentric glioma drive tumorigenicity through a tripartite mechanism. <i>Nature Genetics</i> , 2016 , 48, 273-82	36.3	154
101	Oncogenic PI3K mutations are as common as AKT1 and SMO mutations in meningioma. <i>Neuro-Oncology</i> , 2016 , 18, 649-55	1	144
100	A prognostic cytogenetic scoring system to guide the adjuvant management of patients with atypical meningioma. <i>Neuro-Oncology</i> , 2016 , 18, 269-74	1	47
99	Dramatic Response of BRAF V600E Mutant Papillary Craniopharyngioma to Targeted Therapy. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	144
98	SU-D-207B-02: Early Grade Classification in Meningioma Patients Combining Radiomics and Semantics Data. <i>Medical Physics</i> , 2016 , 43, 3348-3349	4.4	3
97	Increased expression of programmed death ligand 1 (PD-L1) in human pituitary tumors. <i>Oncotarget</i> , 2016 , 7, 76565-76576	3.3	74
96	Decreased FOXJ1 expression and its ciliogenesis programme in aggressive ependymoma and choroid plexus tumours. <i>Journal of Pathology</i> , 2016 , 238, 584-97	9.4	23
95	Diagnosis and management of craniopharyngiomas in the era of genomics and targeted therapy. <i>Neurosurgical Focus</i> , 2016 , 41, E2	4.2	19
94	Potential evolution of neurosurgical treatment paradigms for craniopharyngioma based on genomic and transcriptomic characteristics. <i>Neurosurgical Focus</i> , 2016 , 41, E3	4.2	15
93	Label-Free Neurosurgical Pathology with Stimulated Raman Imaging. <i>Cancer Research</i> , 2016 , 76, 3451-62	10.1	88
92	ENDOCRINE TUMORS: BRAF V600E mutations in papillary craniopharyngioma. <i>European Journal of Endocrinology</i> , 2016 , 174, R139-44	6.5	41
91	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> , 2015 , 112, 9978-83	11.5	50
90	Molecular typing of Meningiomas by Desorption Electrospray Ionization Mass Spectrometry Imaging for Surgical Decision-Making. <i>International Journal of Mass Spectrometry</i> , 2015 , 377, 690-698	1.9	38
89	ARID1A and TERT promoter mutations in dedifferentiated meningioma. <i>Cancer Genetics</i> , 2015 , 208, 345-50	5.9	57

88	Intraoperative Magnetic Resonance Imaging in Intracranial Glioma Resection: A Single-Center, Retrospective Blinded Volumetric Study. <i>World Neurosurgery</i> , 2015 , 84, 528-36	2.1	30
87	Clinical implementation of integrated whole-genome copy number and mutation profiling for glioblastoma. <i>Neuro-Oncology</i> , 2015 , 17, 1344-55	1	39
86	Genomic Characterization of Brain Metastases Reveals Branched Evolution and Potential Therapeutic Targets. <i>Cancer Discovery</i> , 2015 , 5, 1164-1177	24.4	581
85	Cross-reactivity of the BRAF VE1 antibody with epitopes in axonemal dyneins leads to staining of cilia. <i>Modern Pathology</i> , 2015 , 28, 596-606	9.8	43
84	Increased expression of the immune modulatory molecule PD-L1 (CD274) in anaplastic meningioma. <i>Oncotarget</i> , 2015 , 6, 4704-16	3.3	92
83	Expression profiles of 151 pediatric low-grade gliomas reveal molecular differences associated with location and histological subtype. <i>Neuro-Oncology</i> , 2015 , 17, 1486-96	1	33
82	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> , 2015 , 407, 5989-98	4.4	23
81	Compromising the 19S proteasome complex protects cells from reduced flux through the proteasome. <i>ELife</i> , 2015 , 4,	8.9	46
80	Exome sequencing identifies BRAF mutations in papillary craniopharyngiomas. <i>Nature Genetics</i> , 2014 , 46, 161-5	36.3	320
79	The reprogramming of tumor stroma by HSF1 is a potent enabler of malignancy. <i>Cell</i> , 2014 , 158, 564-78	56.2	235
78	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> , 2014 , 111, 15184-9	11.5	161
77	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> , 2014 , 111, 11121-6	11.5	176
76	Structure-activity relationships for withanolides as inducers of the cellular heat-shock response. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 2851-63	8.3	51
75	Atypical presentation of cerebral schistosomiasis four years after exposure to <i>Schistosoma mansoni</i> . <i>Epilepsy & Behavior Case Reports</i> , 2014 , 2, 80-5	1.2	15
74	Adjuvant radiation therapy, local recurrence, and the need for salvage therapy in atypical meningioma. <i>Neuro-Oncology</i> , 2014 , 16, 1547-53	1	61
73	Angiomatous meningiomas have a distinct genetic profile with multiple chromosomal polysomies including polysomy of chromosome 5. <i>Oncotarget</i> , 2014 , 5, 10596-606	3.3	46
72	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> , 2014 , 16, 567-78	1	110
71	The master regulator of the cellular stress response (HSF1) is critical for orthopoxvirus infection. <i>PLoS Pathogens</i> , 2014 , 10, e1003904	7.6	26

70	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> , 2014 , 111, 18297-302	11.5	80
69	Artifacts to avoid while taking advantage of top-down mass spectrometry based detection of protein S-thiolation. <i>Proteomics</i> , 2014 , 14, 1152-7	4.8	15
68	Sporadic hemangioblastomas are characterized by cryptic VHL inactivation. <i>Acta Neuropathologica Communications</i> , 2014 , 2, 167	7.3	45
67	Taxonomy of breast cancer based on normal cell phenotype predicts outcome. <i>Journal of Clinical Investigation</i> , 2014 , 124, 859-70	15.9	134
66	Clinical multiplexed exome sequencing distinguishes adult oligodendroglial neoplasms from astrocytic and mixed lineage gliomas. <i>Oncotarget</i> , 2014 , 5, 8083-92	3.3	46
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