Stephanie Puget

List of Publications by Year
in descending order

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93	7,321	76326	58581
papers	citations	40 h-index	82 g-index

94	94	94	8935
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. Cell, 2016, 164, 1060-1072.	28.9	702
2	Reduced H3K27me3 and DNA Hypomethylation Are Major Drivers of Gene Expression in K27M Mutant Pediatric High-Grade Gliomas. Cancer Cell, 2013, 24, 660-672.	16.8	633
3	Histone H3F3A and HIST1H3B K27M mutations define two subgroups of diffuse intrinsic pontine gliomas with different prognosis and phenotypes. Acta Neuropathologica, 2015, 130, 815-827.	7.7	482
4	Recurrent activating ACVR1 mutations in diffuse intrinsic pontine glioma. Nature Genetics, 2014, 46, 457-461.	21.4	423
5	Divergent clonal selection dominates medulloblastoma at recurrence. Nature, 2016, 529, 351-357.	27.8	266
6	Craniopharyngioma. Nature Reviews Disease Primers, 2019, 5, 75.	30.5	255
7	Clinical, Radiologic, Pathologic, and Molecular Characteristics of Long-Term Survivors of Diffuse Intrinsic Pontine Glioma (DIPG): A Collaborative Report From the International and European Society for Pediatric Oncology DIPG Registries. Journal of Clinical Oncology, 2018, 36, 1963-1972.	1.6	250
8	Pediatric craniopharyngiomas: classification and treatment according to the degree of hypothalamic involvement. Journal of Neurosurgery: Pediatrics, 2007, 106, 3-12.	1.3	225
9	Mesenchymal Transition and PDGFRA Amplification/Mutation Are Key Distinct Oncogenic Events in Pediatric Diffuse Intrinsic Pontine Gliomas. PLoS ONE, 2012, 7, e30313.	2.5	200
10	Frequent hSNF5/INI1 Germline Mutations in Patients with Rhabdoid Tumor. Clinical Cancer Research, 2011, 17, 31-38.	7.0	191
11	Embryonal tumor with abundant neuropil and true rosettes (ETANTR), ependymoblastoma, and medulloepithelioma share molecular similarity and comprise a single clinicopathological entity. Acta Neuropathologica, 2014, 128, 279-289.	7.7	191
12	Locoregionally administered B7-H3-targeted CAR T cells for treatment of atypical teratoid/rhabdoid tumors. Nature Medicine, 2020, 26, 712-719.	30.7	172
13	Biopsy in a series of 130 pediatric diffuse intrinsic Pontine gliomas. Child's Nervous System, 2015, 31, 1773-1780.	1.1	145
14	Craniopharyngioma: the pendulum of surgical management. Child's Nervous System, 2005, 21, 691-695.	1.1	129
15	Pemetrexed and Gemcitabine as Combination Therapy for the Treatment of Group3 Medulloblastoma. Cancer Cell, 2014, 25, 516-529.	16.8	128
16	Stereotactic biopsy of diffuse pontine lesions in children. Journal of Neurosurgery: Pediatrics, 2007, 107, 1-4.	1.3	126
17	Craniopharyngioma. Orphanet Journal of Rare Diseases, 2007, 2, 18.	2.7	125
18	Injuries to inferior vermis and dentate nuclei predict poor neurological and neuropsychological outcome in children with malignant posterior fossa tumors. Cancer, 2009, 115, 1338-1347.	4.1	118

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19	IDH1andIDH2Mutations in Gliomas. New England Journal of Medicine, 2009, 360, 2248-2249.	27.0	112
20	Critical oncogenic mutations in newly diagnosed pediatric diffuse intrinsic pontine glioma. Pediatric Blood and Cancer, 2012, 58, 489-491.	1.5	111
21	New outlook on the diagnosis, treatment and follow-up of childhood-onset craniopharyngioma. Nature Reviews Endocrinology, 2017, 13, 299-312.	9.6	105
22	Aberrant ERBB4-SRC Signaling as a Hallmark of Group 4 Medulloblastoma Revealed by Integrative Phosphoproteomic Profiling. Cancer Cell, 2018, 34, 379-395.e7.	16.8	104
23	Histone H3 wild-type DIPG/DMG overexpressing EZHIP extend the spectrum diffuse midline gliomas with PRC2 inhibition beyond H3-K27M mutation. Acta Neuropathologica, 2020, 139, 1109-1113.	7.7	104
24	Radiotherapy with concurrent and adjuvant temozolomide in children with newly diagnosed diffuse intrinsic pontine glioma. Journal of Neuro-Oncology, 2012, 106, 399-407.	2.9	100
25	Clonally Expanded T Cells Reveal Immunogenicity of Rhabdoid Tumors. Cancer Cell, 2019, 36, 597-612.e8.	16.8	100
26	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. Nature, 2020, 580, 396-401.	27.8	94
27	The occurrence of intracranial rhabdoid tumours in mice depends on temporal control of Smarcb1 inactivation. Nature Communications, 2016, 7, 10421.	12.8	92
28	Long-Term Outcome of 106 Consecutive Pediatric Ruptured Brain Arteriovenous Malformations After Combined Treatment. Stroke, 2014, 45, 1664-1671.	2.0	86
29	Transcriptomic and epigenetic profiling of â€˜diffuse midline gliomas, H3 K27M-mutantâ€™ discriminate two subgroups based on the type of histone H3 mutated and not supratentorial or infratentorial location. Acta Neuropathologica Communications, 2018, 6, 117.	5.2	83
30	Coâ€œoccurrence of histone H3 K27M and BRAF V600E mutations in paediatric midline grade I ganglioglioma. Brain Pathology, 2018, 28, 103-111.	4.1	80
31	Thalamic tumors in children: a reappraisal. Journal of Neurosurgery: Pediatrics, 2007, 106, 354-362.	1.3	75
32	TP53 Pathway Alterations Drive Radioresistance in Diffuse Intrinsic Pontine Gliomas (DIPG). Clinical Cancer Research, 2019, 25, 6788-6800.	7.0	66
33	Clinical Relevance of Tumor Cells with Stem-Like Properties in Pediatric Brain Tumors. PLoS ONE, 2011, 6, e16375.	2.5	57
34	Preclinical evaluation of dasatinib alone and in combination with cabozantinib for the treatment of diffuse intrinsic pontine glioma. Neuro-Oncology, 2015, 17, 953-964.	1.2	56
35	Diagnostics of pediatric supratentorial RELA ependymomas: integration of information from histopathology, genetics, DNA methylation and imaging. Brain Pathology, 2019, 29, 325-335.	4.1	55
36	Neuronal differentiation distinguishes supratentorial and infratentorial childhood ependymomas. Neuro-Oncology, 2010, 12, 1126-1134.	1.2	54

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37	Clinical, Imaging, Histopathological and Molecular Characterization of Anaplastic Ganglioglioma. Journal of Neuropathology and Experimental Neurology, 2016, 75, 971-980.	1.7	54
38	A driver role for GABA metabolism in controlling stem and proliferative cell state through GHB production in glioma. Acta Neuropathologica, 2017, 133, 645-660.	7.7	53
39	High-grade gliomas in adolescents and young adults highlight histomolecular differences from their adult and pediatric counterparts. Neuro-Oncology, 2020, 22, 1190-1202.	1.2	50
40	Loss of SMARCE1 expression is a specific diagnostic marker of clear cell meningioma: a comprehensive immunophenotypical and molecular analysis. Brain Pathology, 2018, 28, 466-474.	4.1	46
41	Hypothalamic syndrome. Nature Reviews Disease Primers, 2022, 8, 24.	30.5	42
42	New in vivo avatars of diffuse intrinsic pontine gliomas (DIPG) from stereotactic biopsies performed at diagnosis. Oncotarget, 2017, 8, 52543-52559.	1.8	41
43	Treatment Strategies in Childhood Craniopharyngioma. Frontiers in Endocrinology, 2012, 3, 64.	3.5	40
44	Is Biopsy Safe in Children with Newly Diagnosed Diffuse Intrinsic Pontine Glioma?. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2012, , 629-633.	3.8	35
45	ERAP1 promotes Hedgehog-dependent tumorigenesis by controlling USP47-mediated degradation of Î²TrCP. Nature Communications, 2019, 10, 3304.	12.8	35
46	Cognitive and Academic Outcome After Benign or Malignant Cerebellar Tumor in Children. Cognitive and Behavioral Neurology, 2009, 22, 270-278.	0.9	32
47	Computation of reliable textural indices from multimodal brain MRI: suggestions based on a study of patients with diffuse intrinsic pontine glioma. Physics in Medicine and Biology, 2018, 63, 105003.	3.0	32
48	Predictors of Outcome in Patients with Pediatric Intracerebral Hemorrhage: Development and Validation of a Modified Score. Radiology, 2018, 286, 651-658.	7.3	31
49	Clear cell meningiomas are defined by a highly distinct DNA methylation profile and mutations in SMARCE1. Acta Neuropathologica, 2021, 141, 281-290.	7.7	31
50	Blood-brain barrier disruption with low-intensity pulsed ultrasound for the treatment of pediatric brain tumors: a review and perspectives. Neurosurgical Focus, 2020, 48, E10.	2.3	31
51	ATOH1 Promotes Leptomeningeal Dissemination and Metastasis of Sonic Hedgehog Subgroup Medulloblastomas. Cancer Research, 2017, 77, 3766-3777.	0.9	29
52	Habit learning dissociation in rats with lesions to the vermis and the interpositus of the cerebellum. Neurobiology of Disease, 2007, 27, 228-237.	4.4	27
53	Historadiological correlations in high-grade glioma with the histone 3.3 G34R mutation. Journal of Neuroradiology, 2018, 45, 316-322.	1.1	26
54	Isavuconazole Diffusion in Infected Human Brain. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	24

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55	Pediatric methylation class HGNET-MN1: unresolved issues with terminology and grading. Acta Neuropathologica Communications, 2019, 7, 176.	5.2	24
56	Intellectual, educational, and situation-based social outcome in adult survivors of childhood medulloblastoma. Developmental Neurorehabilitation, 2019, 22, 19-26.	1.1	22
57	Supratentorial non-RELA, ZFTA-fused ependymomas: a comprehensive phenotype genotype correlation highlighting the number of zinc fingers in ZFTA-NCOA1/2 fusions. Acta Neuropathologica Communications, 2021, 9, 135.	5.2	21
58	Brain abscess in children, a two-centre audit: outcomes and controversies. Archives of Disease in Childhood, 2020, 105, 288-291.	1.9	20
59	Multimodal Magnetic Resonance Imaging of Treatment-Induced Changes to Diffuse Infiltrating Pontine Gliomas in Children and Correlation to Patient Progression-Free Survival. International Journal of Radiation Oncology Biology Physics, 2017, 99, 476-485.	0.8	18
60	Pediatric Chordomas: Results of a Multicentric Study of 40 Children and Proposal for a Histopathological Prognostic Grading System and New Therapeutic Strategies. Journal of Neuropathology and Experimental Neurology, 2018, 77, 207-215.	1.7	18
61	Biological material collection to advance translational research and treatment of children with CNS tumours: position paper from the SIOPE Brain Tumour Group. Lancet Oncology, The, 2018, 19, e419-e428.	10.7	16
62	Developmental venous anomaly in adult patients with diffuse glioma. Neurology, 2019, 92, e55-e62.	1.1	15
63	An integrative histopathological and epigenetic characterization of primary intracranial mesenchymal tumors, FET:CREBâ€fused broadening the spectrum of tumor entities in comparison with their soft tissue counterparts. Brain Pathology, 2022, 32, e13010.	4.1	15
64	The Management of Birth-Related Posterior Fossa Hematomas in Neonates. Neurosurgery, 2013, 72, 755-762.	1.1	14
65	Role of neoadjuvant chemotherapy in metastatic medulloblastoma: a comparative study in 92 children. Neuro-Oncology, 2020, 22, 1686-1695.	1.2	14
66	Reconstruction of a large calvarial traumatic defect using a custom-made porous hydroxyapatite implant covered by a free latissimus dorsi muscle flap in an 11-year-old patient. Journal of Neurosurgery: Pediatrics, 2017, 19, 51-55.	1.3	13
67	A kinome-wide shRNA screen uncovers vaccinia-related kinase 3 (VRK3) as an essential gene for diffuse intrinsic pontine glioma survival. Oncogene, 2019, 38, 6479-6490.	5.9	13
68	Child dermoid cyst mimicking a craniopharyngioma: the benefit of MRI T2-weighted diffusion sequence. Child's Nervous System, 2018, 34, 359-362.	1.1	12
69	Circular RNA profiling distinguishes medulloblastoma groups and shows aberrant RMST overexpression in WNT medulloblastoma. Acta Neuropathologica, 2021, 141, 975-978.	7.7	12
70	Intratumoral heterogeneity of MYC drives medulloblastoma metastasis and angiogenesis. Neuro-Oncology, 2022, 24, 1509-1523.	1.2	12
71	Pattern of locoâ€regional relapses and treatment in pediatric esthesioneuroblastoma: The French very rare tumors group (Fracture) contribution. Pediatric Blood and Cancer, 2020, 67, e28154.	1.5	11
72	Radiogenomics of diffuse intrinsic pontine gliomas (DIPGs): correlation of histological and biological characteristics with multimodal MRI features. European Radiology, 2021, 31, 8913-8924.	4.5	11

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73	Management of advanced uniâ€•or bilateral retinoblastoma with macroscopic optic nerve invasion. Pediatric Blood and Cancer, 2020, 67, e27998.	1.5	10
74	A CBF decrease in the left supplementary motor areas: New insight into postoperative pediatric cerebellar mutism syndrome using arterial spin labeling perfusion MRI. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 3339-3349.	4.3	10
75	Prognostic Clinical and Biologic Features for Overall Survival after Relapse in Childhood Medulloblastoma. Cancers, 2021, 13, 53.	3.7	10
76	Tumor dissemination through surgical tracts in diffuse intrinsic pontine glioma. Journal of Neurosurgery: Pediatrics, 2018, 22, 678-683.	1.3	9
77	Deep intronic hotspot variant explaining rhabdoid tumor predisposition syndrome in two patients with atypical teratoid and rhabdoid tumor. European Journal of Human Genetics, 2017, 25, 1170-1172.	2.8	8
78	Diagnostic Accuracy of a Reduced Immunohistochemical Panel in Medulloblastoma Molecular Subtyping, Correlated to DNA-methylation Analysis. American Journal of Surgical Pathology, 2021, 45, 558-566.	3.7	7
79	Clinical and molecular analysis of smoothened inhibitors in Sonic Hedgehog medulloblastoma. Neuro-Oncology Advances, 2021, 3, vdab097.	0.7	5
80	DIPG-35. BIOLOGICAL MEDICINE FOR DIFFUSE INTRINSIC PONTINE GLIOMA (DIPG) ERADICATION: RESULTS OF THE THREE ARM BIOMARKER-DRIVEN RANDOMIZED BIOMEDE 1.0 TRIAL. Neuro-Oncology, 2020, 22, iii293-iii294.	1.2	5
81	Molecular screening for cancer treatment optimization (MOSCATO 01) in pediatric patients: First feasibility results of a prospective molecular stratification trial.. Journal of Clinical Oncology, 2014, 32, 10050-10050.	1.6	5
82	Deciphering the genetic and epigenetic landscape of pediatric bithalamic tumors. Brain Pathology, 2022, 32, e13039.	4.1	5
83	A novel case of cribriform neuroepithelial tumor: A potential diagnostic pitfall in the ventricular system. Pediatric Blood and Cancer, 2021, 68, e29037.	1.5	3
84	Posterior Fossa Arachnoid Cyst in a Pediatric Population is Associated with Social Perception and Rest Cerebral Blood Flow Abnormalities. Cerebellum, 2020, 19, 58-67.	2.5	2
85	Acute surgical management of children with ruptured brain arteriovenous malformation. Journal of Neurosurgery: Pediatrics, 2021, 27, 437-445.	1.3	2
86	Hydrocephalus in children with ruptured cerebral arteriovenous malformation. Journal of Neurosurgery: Pediatrics, 2020, 26, 283-287.	1.3	2
87	The dark matter of diffuse intrinsic pontine gliomas: an update. Expert Opinion on Orphan Drugs, 2019, 7, 11-20.	0.8	1
88	CNS tumors with YWHAE:NUTM2 and KDM2B-fusions present molecular similarities to extra-CNS tumors having BCOR internal tandem duplication or alternative fusions. Acta Neuropathologica Communications, 2021, 9, 176.	5.2	1
89	HG-46RECURRENT DIFFUSE INTRINSIC PONTINE GLIOMAS: CLINICAL, BIOLOGICAL, RADIOLOGICAL AND THERAPEUTIC FACTORS CORRELATING WITH THE SURVIVAL. Neuro-Oncology, 2016, 18, iii57.4-iii58.	1.2	0
90	HGG-42. GLIOMA ONCOGENESIS IN CONSTITUTIONNAL MISMATCH REPAIR DEFICIENCY (CMMRD) SYNDROME: A CLINICO-PATHOLOGICAL AND MOLECULAR STUDY IN 15 PATIENTS. Neuro-Oncology, 2018, 20, i97-i98.	1.2	0

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91	MBCL-21. GERMLINE ELONGATOR MUTATIONS IN SONIC HEDGEHOG MEDULLOBLASTOMA. Neuro-Oncology, 2020, 22, iii392-iii393.	1.2	0
92	DIPG-61. RESCUE REGIMENS AFTER BIOMEDE: POSSIBLE INFLUENCE ON OS ASSESSMENT. Neuro-Oncology, 2020, 22, iii299-iii299.	1.2	0
93	HGG-41. Glioma oncogenesis in the constitutional mismatch repair deficiency (CMMRD) syndrome. Neuro-Oncology, 2022, 24, i70-i70.	1.2	0