Christian Hagel

List of Publications by Year
in descending order

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82	2,120	361413	243625
papers	citations	20	44
		h-index	g-index

83	83	83	3998
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	Bevacizumab induces regression of vestibular schwannomas in patients with neurofibromatosis type 2. Neuro-Oncology, 2010, 12, 14-18.	1.2	124
3	Hybrid Neurofibroma/Schwannoma is Overrepresented Among Schwannomatosis and Neurofibromatosis Patients. American Journal of Surgical Pathology, 2012, 36, 702-709.	3.7	109
4	Familial Alzheimerâ€™s diseaseâ€“associated presenilin-1 alters cerebellar activity and calcium homeostasis. Journal of Clinical Investigation, 2014, 124, 1552-1567.	8.2	104
5	Prognostic relevance of FDG PET in patients with neurofibromatosis type-1 and malignant peripheral nerve sheath tumours. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 428-432.	6.4	91
6	Histopathology and clinical outcome of NF1-associated vs. sporadic malignant peripheral nerve sheath tumors. Journal of Neuro-Oncology, 2007, 82, 187-192.	2.9	76
7	The importance of nerve microenvironment for schwannoma development. Acta Neuropathologica, 2016, 132, 289-307.	7.7	62
8	FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. Acta Neuropathologica, 2018, 136, 293-302.	7.7	56
9	Polyneuropathy in neurofibromatosis 2: clinical findings, molecular genetics and neuropathological alterations in sural nerve biopsy specimens. Acta Neuropathologica, 2002, 104, 179-187.	7.7	53
10	Biological Relevance and Therapeutic Potential of the Hypusine Modification System. Journal of Biological Chemistry, 2015, 290, 18343-18360.	3.4	48
11	Cancer Stem Cell-Like Cells Derived from Malignant Peripheral Nerve Sheath Tumors. PLoS ONE, 2011, 6, e21099.	2.5	43
12	A multifactorial model of pathology for age of onset heterogeneity in familial Alzheimerâ€™s disease. Acta Neuropathologica, 2021, 141, 217-233.	7.7	33
13	Targeting Class IA PI3K Isoforms Selectively Impairs Cell Growth, Survival, and Migration in Glioblastoma. PLoS ONE, 2014, 9, e94132.	2.5	33
14	Differentiation of peripheral nerve sheath tumors in patients with neurofibromatosis type 1 using diffusion-weighted magnetic resonance imaging. Neuro-Oncology, 2019, 21, 508-516.	1.2	32
15	Cerebral Palsy: A Lifelong Challenge Asks for Early Intervention. The Open Neurology Journal, 2015, 9, 45-52.	0.4	30
16	Impact of USP8 Gene Mutations on Protein Deregulation in Cushing Disease. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2535-2546.	3.6	29
17	Clinical presentation, immunohistochemistry and electron microscopy indicate neurofibromatosis type 2â€associated gliomas to be spinal ependymomas. Neuropathology, 2012, 32, 611-616.	1.2	28
18	CPI-17 drives oncogenic Ras signaling in human melanomas via Ezrin-Radixin-Moesin family proteins. Oncotarget, 2016, 7, 78242-78254.	1.8	27

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19	Retinal Degeneration in Mice Deficient in the Lysosomal Membrane Protein CLN7. , 2016, 57, 4989.		26
20	Immunoprofiling of glial tumours of the neurohypophysis suggests a common pituicytic origin of neoplastic cells. Pituitary, 2017, 20, 211-217.	2.9	26
21	Neuropathies in the setting of Neurofibromatosis tumor syndromes: Complexities and opportunities. Experimental Neurology, 2018, 299, 334-344.	4.1	22
22	Podoplanin and CD34 in peripheral nerve sheath tumours: focus on neurofibromatosis 1-associated atypical neurofibroma. Journal of Neuro-Oncology, 2011, 103, 239-245.	2.9	21
23	Historical documents on epilepsy: From antiquity through the 20th century. Brain and Development, 2017, 39, 457-463.	1.1	20
24	Keratinocytic epidermal nevus syndrome with Schwann cell proliferation, lipomatous tumour and mosaic KRAS mutation. BMC Medical Genetics, 2015, 16, 6.	2.1	18
25	Mice deficient in the lysosomal enzyme palmitoyl-protein thioesterase 1 (PPT1) display a complex retinal phenotype. Scientific Reports, 2019, 9, 14185.	3.3	17
26	Mutations of the gene FNIP1 associated with a syndromic autosomal recessive immunodeficiency with cardiomyopathy and preâ€excitation syndrome. European Journal of Immunology, 2020, 50, 1078-1080.	2.9	17
27	Mannose 6-phosphate-dependent targeting of lysosomal enzymes is required for normal craniofacial and dental development. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1570-1580.	3.8	15
28	Lack of astrocytes hinders parenchymal oligodendrocyte precursor cells from reaching a myelinating state in osmolyte-induced demyelination. Acta Neuropathologica Communications, 2020, 8, 224.	5.2	14
29	Increased proliferative activity due to necroses induced by pre-operative embolization in benign meningiomas. Journal of Neuro-Oncology, 1998, 40, 257-264.	2.9	13
30	Coâ€occurrence of schwannomatosis and rhabdoid tumor predisposition syndrome 1. Molecular Genetics & Genomic Medicine, 2018, 6, 627-637.	1.2	13
31	Contribution of mTOR and PTEN to Radioresistance in Sporadic and NF2-Associated Vestibular Schwannomas: A Microarray and Pathway Analysis. Cancers, 2020, 12, 177.	3.7	13
32	Neuropathology associated with SARS-CoV-2 infection. Lancet, The, 2021, 397, 276.	13.7	13
33	Supra- and infratentorial pediatric ependymomas differ significantly in NeuN, p75 and GFAP expression. Journal of Neuro-Oncology, 2013, 112, 191-197.	2.9	12
34	Upregulation of Shiga Toxin Receptor <scp>CD</scp>77/<scp>G</scp>b3 and Interleukinâ€1Î² Expression in the Brain of <scp>EHEC</scp> Patients with Hemolytic Uremic Syndrome and Neurologic Symptoms. Brain Pathology, 2015, 25, 146-156.	4.1	12
35	Clinical Presentation and Disease Course of 37 Consecutive Cases of Progressive Multifocal Leukoencephalopathy (PML) at a German Tertiary-Care Hospital: A Retrospective Observational Study. Frontiers in Neurology, 2021, 12, 632535.	2.4	12
36	Neurofibromatosis type 2 predisposes to ependymomas of various localization, histology, and molecular subtype. Acta Neuropathologica, 2021, 141, 971-974.	7.7	12

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37	Vascular endothelial growth factor, basic fibroblast growth factor and epithelial growth factor receptor in peripheral nerve sheath tumors of neurofibromatosis type 1. Anticancer Research, 2015, 35, 137-44.	1.1	11
38	Recurrent multilocular mandibular giant cell granuloma in neurofibromatosis type 1: Evidence for second hit mutation of NF1 gene in the jaw lesion and treatment with curettage and bone substitute materials. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 1054-1060.	1.7	10
39	Posterior fossa pilocytic astrocytomas with oligodendroglial features show frequent FGFR1 activation via fusion or mutation. Acta Neuropathologica, 2020, 139, 403-406.	7.7	9
40	Differential expression of stem cell markers in proliferating cells in glioma. Journal of Cancer Research and Clinical Oncology, 2021, 147, 2969-2982.	2.5	8
41	Registration of histological brain images onto optical coherence tomography images based on shape information. Physics in Medicine and Biology, 2022, 67, 135007.	3.0	8
42	Hyaluronan in intraâ€operative edema of NF1â€associated neurofibromas. Neuropathology, 2012, 32, 406-414.	1.2	7
43	Susceptibility to cellular stress in PS1 mutant N2a cells is associated with mitochondrial defects and altered calcium homeostasis. Scientific Reports, 2020, 10, 6455.	3.3	6
44	Ipsilateral Sphenoid Wing Dysplasia, Orbital Plexiform Neurofibroma and Fronto-Parietal Dermal Cylindroma in a Patient with Segmental Neurofibromatosis. Anticancer Research, 2015, 35, 6813-8.	1.1	6
45	Human Dirofilaria repens infection of the zygomatico-temporal region. Journal of Cranio-Maxillo-Facial Surgery, 2014, 42, 612-615.	1.7	5
46	C-Fiber Loss as a Possible Cause of Neuropathic Pain in Schwannomatosis. International Journal of Molecular Sciences, 2020, 21, 3569.	4.1	5
47	Early-onset stroke in two siblings with Neurofibromatosis type 1. European Journal of Medical Genetics, 2019, 62, 103710.	1.3	4
48	Distinctive low epidermal nerve fiber density in schwannomatosis patients provides a major parameter for diagnosis and differential diagnosis. Brain Pathology, 2020, 30, 386-391.	4.1	4
49	Lingual Mandibular Bone Depression. In Vivo, 2020, 34, 2527-2541.	1.3	4
50	Double adenomas of the pituitary reveal distinct lineage markers, copy number alterations, and epigenetic profiles. Pituitary, 2021, 24, 904-913.	2.9	4
51	Long-term Follow-up and Histological Correlation of Peripheral Nervous System Alterations in Neurofibromatosis TypeÂ2. Clinical Neuroradiology, 2021, , 1.	1.9	4
52	Vessel and Mast Cell Densities in Sporadic and Syndrome-associated Peripheral Nerve Sheath Tumors. Anticancer Research, 2015, 35, 4713-22.	1.1	4
53	Mosaic Neurofibromatosis Type 1 With Multiple Cutaneous Diffuse and Plexiform Neurofibromas of the Lower Leg. Anticancer Research, 2020, 40, 3423-3427.	1.1	3
54	Null phenotype of neurofibromatosis type 1 in a carrier of a heterozygous atypical NF1 deletion due to mosaicism. Human Mutation, 2020, 41, 1226-1231.	2.5	3

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55	Neurofibromatosis Type 1 With Cherubism-like Phenotype, Multiple Osteolytic Bone Lesions of Lower Extremities, and Alagille-syndrome: Case Report With Literature Survey. In Vivo, 2021, 35, 1711-1736.	1.3	3
56	Microdont Developing Outside the Alveolar Process and Within Oral Diffuse and Plexiform Neurofibroma in Neurofibromatosis Type 1. Anticancer Research, 2021, 41, 2083-2092.	1.1	3
57	Refining M1 stage in medulloblastoma: criteria for cerebrospinal fluid cytology and implications for improved risk stratification from the HIT-2000 trial. European Journal of Cancer, 2022, 164, 30-38.	2.8	3
58	Vascular Innervation in Benign Neurofibromas of Patients with Neurofibromatosis Type 1. Anticancer Research, 2015, 35, 6509-16.	1.1	3
59	Peripheral Nerve Sheath Tumors in Patients With Neurofibromatosis Type 1: Morphological and Immunohistochemical Study. Anticancer Research, 2022, 42, 1247-1261.	1.1	3
60	Oral HRAS Mutation in Orofacial Nevus Sebaceous Syndrome (Schimmelpenning-Feuerstein-Mims-Syndrome): A Case Report With a Literature Survey. In Vivo, 2022, 36, 274-293.	1.3	3
61	Co-expression of intermediate filaments glial fibrillary acidic protein and cytokeratin in pituitary adenoma. Pituitary, 2021, 24, 62-67.	2.9	2
62	Unilateral gynaecomastia in a 16-month-old boy with neurofibromatosis type 1 - case report and brief review of the literature. GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW, 2015, 4, Doc11.	0.1	2
63	Pilomatrixoma of the Neck/Shoulder Region Mimicking a Rapidly Growing Neoplasm of Peripheral Nerve Sheath Origin in Neurofibromatosis Type 1. Anticancer Research, 2017, 37, 6907-6910.	1.1	2
64	Cerebral cavernomas in adults and children express relaxin. Journal of Neurosurgery: Pediatrics, 2020, 25, 144-150.	1.3	2
65	Painful Vater-Pacini neuroma of the digit in neurofibromatosis type 1. GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW, 2019, 8, Doc03.	0.1	2
66	Clinical and molecular characterization of isolated M1 disease in pediatric medulloblastoma: experience from the German HIT-MED studies. Journal of Neuro-Oncology, 2022, 157, 37-48.	2.9	2
67	Tissue Microarray Analyses Suggest Axl as a Predictive Biomarker in HPV-Negative Head and Neck Cancer. Cancers, 2022, 14, 1829.	3.7	2
68	ERBB2 and ERBB3 Growth Factor Receptors, Neuregulin-1, CD44 and Ki-67 Proliferation Index in Neurofibromatosis Type 1-associated Peripheral Nerve Sheath Tumors. Anticancer Research, 2022, 42, 2327-2340.	1.1	2
69	Co-occurrence of Pituitary Neuroendocrine Tumors (PitNETs) and Tumors of the Neurohypophysis. Endocrine Pathology, 2021, 32, 473-479.	9.0	1
70	PATH-07. QUALITY ASSURANCE IN CEREBROSPINAL FLUID CYTOLOGY ASSESSMENT FOR MEDULLOBLASTOMA STAGING LEADS TO POTENTIAL IMPROVED RISK-GROUP ASSESSMENT IN THE PROSPECTIVE MULTICENTER HIT-2000 TRIAL. Neuro-Oncology, 2020, 22, iii425-iii426.	1.2	1
71	Rhinophyma in tuberous sclerosis complex: case report with brief review of literature. GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW, 2014, 3, Doc12.	0.1	1
72	Expression of the Insulin-like Growth Factor-1 Receptor in Odontogenic Myxoma. Anticancer Research, 2016, 36, 3103-7.	1.1	1

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73	HGG-16. Final analysis of the HIT-HGG-2007 trial (ISRCTN19852453): Significant survival benefit for pontine and non-pontine pediatric high-grade gliomas in comparison to previous HIT-GBM-C/-D trials.. Neuro-Oncology, 2022, 24, i63-i64.	1.2	1
74	Angiolipoma of the sellar region. Pituitary, 2015, 18, 176-178.	2.9	0
75	Evidence for a lowâ€penetrant extended phenotype of rhabdoid tumor predisposition syndrome type 1 from a kindred with gain of SMARCB1 exon 6. Pediatric Blood and Cancer, 2021, 68, e29185.	1.5	0
76	Use of Axl, a therapeutic target in AML, to mediate stroma-induced chemoresistance.. Journal of Clinical Oncology, 2013, 31, 7027-7027.	1.6	0
77	MBCL-09. ISOLATED M1 METASTASES IN PEDIATRIC MEDULLOBLASTOMA: IS POSTOPERATIVE RADIOTHERAPY FOLLOWED BY MAINTENANCE CHEMOTHERAPY SUPERIOR TO POSTOPERATIVE SANDWICH-CHEMOTHERAPY AND RADIOTHERAPY?. Neuro-Oncology, 2020, 22, iii389-iii389.	1.2	0
78	Pigmented (melanotic) diffuse neurofibroma of the back in neurofibromatosis type 1. GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW, 2018, 7, Doc04.	0.1	0
79	Analysis of Intracerebroventricular (ICV) Device Function and Integrity under Long-Term ICV-ERT in CLN2 Patients. Neuropediatrics, 2021, 52, .	0.6	0
80	PATH-34. MOLECULAR AND CLINICAL HETEROGENEITY WITHIN SPINAL EPENDYMOMAS. Neuro-Oncology, 2021, 23, vi122-vi122.	1.2	0
81	Expansive Extracranial Growth of Intracranial Meningioma in Neurofibromatosis Type 2. Anticancer Research, 2016, 36, 3161-7.	1.1	0
82	EPEN-27. Epigenetic dissection of spinal ependymomas (SP-EPN) separates tumors with and withoutNF2 mutation. Neuro-Oncology, 2022, 24, i44-i45.	1.2	0