Federico Roncaroli

List of Publications by Year
in descending order

111 papers	5,798 citations	76196 40 h-index	82410 72 g-index
114 all docs	114 docs citations	114 times ranked	6537 citing authors

#	Article	IF	Citations
1	Value of Early Post-Operative Growth Hormone Testing in Predicting Long-Term Remission and Residual Disease after Transsphenoidal Surgery for Acromegaly. Neuroendocrinology, 2022, 112, 345-357.	1.2	5
2	A challenging case of sporadic melanocytoma of the jugular foramen. Neurochirurgie, 2022, 68, 453-457.	0.6	2
3	Limb girdle muscular dystrophy R12 (LGMD 2L, anoctaminopathy) mimicking idiopathic inflammatory myopathy: key points to prevent misdiagnosis. Rheumatology, 2022, 61, 1645-1650.	0.9	10
4	The effect of season of birth on brain epigenome-wide DNA methylation of older adults. Journal of Developmental Origins of Health and Disease, 2022, 13, 367-377.	0.7	2
5	Endoscopic transsphenoidal surgery for biochemically and clinically non-functioning adenohypophyseal tumours in the elderly: experience from a single UK centre. Endocrine, 2022, 75, 872-882.	1.1	2
6	The bloodâ€“CSFâ€“brain route of neurological disease: The indirect pathway into the brain. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	9
7	Angpt2/Tie2 autostimulatory loop controls tumorigenesis. EMBO Molecular Medicine, 2022, 14, e14364.	3.3	7
8	OTHR-41. Amplification of the PLAG family genes â€“ PLAGL1 and PLAGL2 â€“ is a key feature of a novel embryonal CNS tumor type. Neuro-Oncology, 2022, 24, i156-i156.	0.6	1
9	Rapid early progression (REP) of glioblastoma is an independent negative prognostic factor: Results from a systematic review and meta-analysis. Neuro-Oncology Advances, 2022, 4, .	0.4	7
10	Mid to lateâ€life scores of depression in the cognitively healthy are associated with cognitive status and Alzheimer's disease pathology at death. International Journal of Geriatric Psychiatry, 2021, 36, 713-721.	1.3	10
11	The spatial phenotype of genotypically distinct meningiomas demonstrate potential implications of the embryology of the meninges. Oncogene, 2021, 40, 875-884.	2.6	13
12	Primary glomus tumour of the pituitary gland: diagnostic challenges of a rare and potentially aggressive neoplasm. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 977-984.	1.4	3
13	Primary Neurocytoma and Neuroblastoma of the Sella. Encyclopedia of Pathology, 2021, , 1-13.	0.0	0
14	Amyloid-PETâ€“Positive Patient With bvFTD. Neurology: Clinical Practice, 2021, 11, e952-e955.	0.8	4
15	Imaging of the glioma microenvironment by TSPO PET. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 49, 174-185.	3.3	24
16	Widespread Decreases in Cerebral Copper Are Common to Parkinson's Disease Dementia and Alzheimer's Disease Dementia. Frontiers in Aging Neuroscience, 2021, 13, 641222.	1.7	21
17	Pituitary neuroendocrine tumors: a model for neuroendocrine tumor classification. Modern Pathology, 2021, 34, 1634-1650.	2.9	44
18	The LEGATOS technique: A new tissueâ€validated dynamic contrastâ€enhanced MRI method for wholeâ€brain, highâ€spatial resolution parametric mapping. Magnetic Resonance in Medicine, 2021, 86, 2122-2136.	1.9	7

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19	The microenvironment in sporadic and neurofibromatosis type IIâ€“related vestibular schwannoma: the same tumor or different? A comparative imaging and neuropathology study. Journal of Neurosurgery, 2021, 134, 1419-1429.	0.9	23
20	Early changes in visuospatial episodic memory can help distinguish primary ageâ€related tauopathy from Alzheimerâ€™s disease. Neuropathology and Applied Neurobiology, 2021, 47, 1114-1116.	1.8	6
21	Telephone Interview for Cognitive Status Scores Associate with Cognitive Impairment and Alzheimerâ€™s Disease Pathology at Death. Journal of Alzheimer's Disease, 2021, 84, 609-619.	1.2	4
22	Severe and Regionally Widespread Increases in Tissue Urea in the Human Brain Represent a Novel Finding of Pathogenic Potential in Parkinsonâ€™s Disease Dementia. Frontiers in Molecular Neuroscience, 2021, 14, 711396.	1.4	9
23	Diagnosis Across the Spectrum of Progressive Supranuclear Palsy and Corticobasal Syndrome. JAMA Neurology, 2020, 77, 377.	4.5	94
24	A Comparative Study of Pathological Outcomes in The University of Manchester Longitudinal Study of Cognition in Normal Healthy Old Age and Brains for Dementia Research Cohorts. Journal of Alzheimer's Disease, 2020, 73, 619-632.	1.2	6
25	Pituitary neuroendocrine tumors (PitNETs): nomenclature evolution, not clinical revolution. Pituitary, 2020, 23, 322-325.	1.6	34
26	Primary epithelialâ€myoepithelial carcinoma of the pituitary gland. Neuropathology, 2020, 40, 261-267.	0.7	4
27	The Contribution of Vascular Pathology Toward Cognitive Impairment in Older Individuals with Intermediate Braak Stage Tau Pathology. Journal of Alzheimer's Disease, 2020, 77, 1005-1015.	1.2	5
28	Colorectal carcinoma to pituitary tumour: tumour to tumour metastasis. British Journal of Neurosurgery, 2020, , 1-4.	0.4	1
29	Neuropathology of a case of fragile X â€associated tremor ataxia syndrome without tremor. Neuropathology, 2020, 40, 611-619.	0.7	3
30	Influence of APOE Genotype on Mortality and Cognitive Impairment. Journal of Alzheimer's Disease Reports, 2020, 4, 281-286.	1.2	8
31	Mechanisms of Mitochondrial Dysfunction in Lysosomal Storage Disorders: A Review. Journal of Clinical Medicine, 2020, 9, 2596.	1.0	55
32	Clinical outcomes in an adult patient with mannose phosphate isomerase-congenital disorder of glycosylation who discontinued mannose therapy. Molecular Genetics and Metabolism Reports, 2020, 25, 100646.	0.4	3
33	Influence of APOE genotype in primary age-related tauopathy. Acta Neuropathologica Communications, 2020, 8, 215.	2.4	13
34	Patterns of Mitochondrial TSPO Binding in Cerebral Small Vessel Disease: An in vivo PET Study With Neuropathological Comparison. Frontiers in Neurology, 2020, 11, 541377.	1.1	9
35	Effects of Alterations of Post-Mortem Delay and Other Tissue-Collection Variables on Metabolite Levels in Human and Rat Brain. Metabolites, 2020, 10, 438.	1.3	12
36	Evidence that levels of nine essential metals in post-mortem human-Alzheimerâ€™s-brain andex vivorat-brain tissues are unaffected by differences in post-mortem delay, age, disease staging, and brain bank location. Metallomics, 2020, 12, 952-962.	1.0	12

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37	YAP1/TAZ drives ependymoma-like tumour formation in mice. Nature Communications, 2020, 11, 2380.	5.8	32
38	The inflammatory microenvironment in vestibular schwannoma. Neuro-Oncology Advances, 2020, 2, vdaa023.	0.4	35
39	How to Classify Pituitary Neuroendocrine Tumors (PitNET)s in 2020. Cancers, 2020, 12, 514.	1.7	123
40	B cell rich meningeal inflammation associates with increased spinal cord pathology in multiple sclerosis. Brain Pathology, 2020, 30, 779-793.	2.1	76
41	Primary papillary epithelial tumour of the sella: expanding the spectrum of TTFâ€1â€positive sellar lesions. Neuropathology and Applied Neurobiology, 2020, 46, 493-505.	1.8	8
42	Significant Benefits of AIP Testing and Clinical Screening in Familial Isolated and Young-onset Pituitary Tumors. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2247-e2260.	1.8	37
43	B cell rich meningeal inflammation associates with increased spinal cord pathology in multiple sclerosis. Brain Pathology, 2020, 30, 779-793.	2.1	8
44	Integrated systemsâ€genetic analyses reveal a network target for delaying glioma progression. Annals of Clinical and Translational Neurology, 2019, 6, 1616-1638.	1.7	8
45	A standardised diagnostic approach to pituitary neuroendocrine tumours (PitNETs): a European Pituitary Pathology Group (EPPG) proposal. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2019, 475, 687-692.	1.4	66
46	Clinical and Pathological Aspects of Silent Pituitary Adenomas. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2473-2489.	1.8	120
47	Neurosurgical contribution within a complex NF1 supraregional service. Clinical Neurology and Neurosurgery, 2019, 180, 18-24.	0.6	2
48	Tumor microenvironment defines the invasive phenotype of AIP-mutation-positive pituitary tumors. Oncogene, 2019, 38, 5381-5395.	2.6	59
49	Meningeal inflammation changes the balance of TNF signalling in cortical grey matter in multiple sclerosis. Journal of Neuroinflammation, 2019, 16, 259.	3.1	79
50	Imaging and Tissue Biomarkers of Choline Metabolism in Diffuse Adult Glioma: 18F-Fluoromethylcholine PET/CT, Magnetic Resonance Spectroscopy, and Choline Kinase Î±. Cancers, 2019, 11, 1969.	1.7	13
51	Rare primary non-neuroendocrine tumours of the sella. Diagnostic Histopathology, 2019, 25, 8-15.	0.2	6
52	Inflammation and vascular permeability correlate with growth in sporadic vestibular schwannoma. Neuro-Oncology, 2019, 21, 314-325.	0.6	59
53	A nonmyeloablative chimeric mouse model accurately defines microglia and macrophage contribution in glioma. Neuropathology and Applied Neurobiology, 2019, 45, 119-140.	1.8	18
54	Ectopic Cushingâ€™s syndrome secondary to olfactory neuroblastoma. Acta Neurochirurgica, 2018, 160, 1023-1026.	0.9	4

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55	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. Neuro-Oncology, 2018, 20, 873-884.	0.6	119
56	Kinetic modelling of [¹¹C]PBR28 for 18â€‰kDa translocator protein PET data: A validation study of vascular modelling in the brain using XBD173 and tissue analysis. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1227-1242.	2.4	51
57	Metabolic myopathies: a practical approach. Practical Neurology, 2018, 18, 14-26.	0.5	41
58	Characterization of neuroendocrine tumors in heterozygous mutant MENX rats: a novel model of invasive medullary thyroid carcinoma. Endocrine-Related Cancer, 2018, 25, 145-162.	1.6	8
59	A patient with a germline SDHB mutation presenting with an isolated pituitary macroprolactinoma. Endocrinology, Diabetes and Metabolism Case Reports, 2018, 2018, .	0.2	4
60	From pituitary adenoma to pituitary neuroendocrine tumor (PitNET): an International Pituitary Pathology Club proposal. Endocrine-Related Cancer, 2017, 24, C5-C8.	1.6	262
61	Pituitary Carcinoma in a Patient with an SDHB Mutation. Endocrine Pathology, 2017, 28, 320-325.	5.2	50
62	Complex regulation of neutrophil-derived MMP-9 secretion in central nervous system tuberculosis. Journal of Neuroinflammation, 2017, 14, 31.	3.1	33
63	CD15s/CD62E Interaction Mediates the Adhesion of Non-Small Cell Lung Cancer Cells on Brain Endothelial Cells: Implications for Cerebral Metastasis. International Journal of Molecular Sciences, 2017, 18, 1474.	1.8	22
64	Silent Crookeâ€™s cell corticotroph adenoma of the pituitary gland presenting as delayed puberty. Endocrinology, Diabetes and Metabolism Case Reports, 2017, 2017, .	0.2	6
65	AIP mutations in young patients with acromegaly and the Tampico Giant: the Mexican experience. Endocrine, 2016, 53, 402-411.	1.1	20
66	Germline or somatic GPR101 duplication leads to X-linked acrogigantism: a clinico-pathological and genetic study. Acta Neuropathologica Communications, 2016, 4, 56.	2.4	110
67	TSPO expression in brain tumours: is TSPO a target for brain tumour imaging?. Clinical and Translational Imaging, 2016, 4, 145-156.	1.1	57
68	Cortical Lewy bodies and AÎ² burden are associated with prevalence and timing of dementia in Lewy body diseases. Neuropathology and Applied Neurobiology, 2016, 42, 436-450.	1.8	67
69	SomaticGPR101Duplication Causing X-Linked Acrogigantism (XLAG)â€”Diagnosis and Management. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1927-1930.	1.8	48
70	Factors predicting pasireotide responsiveness in somatotroph pituitary adenomas resistant to first-generation somatostatin analogues: an immunohistochemical study. European Journal of Endocrinology, 2016, 174, 241-250.	1.9	122
71	TNF-Î± enhancement of CD62E mediates adhesion of nonâ€“small cell lung cancer cells to brain endothelium via CD15 in lung-brain metastasis. Neuro-Oncology, 2016, 18, 679-690.	0.6	27
72	The 18-kDa mitochondrial translocator protein in gliomas: from the bench to bedside. Biochemical Society Transactions, 2015, 43, 579-585.	1.6	19

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73	Clinical outcomes in patients with nonfunctioning pituitary adenomas managed conservatively. Clinical Endocrinology, 2015, 83, 861-865.	1.2	22
74	The 18-kDa Mitochondrial Translocator Protein in Human Gliomas: An ¹¹C-(R)PK11195 PET Imaging and Neuropathology Study. Journal of Nuclear Medicine, 2015, 56, 512-517.	2.8	77
75	Heterogeneous Genetic Background of the Association of Pheochromocytoma/Paraganglioma and Pituitary Adenoma: Results From a Large Patient Cohort. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E531-E541.	1.8	145
76	Low levels of cobalamin, epidermal growth factor, and normal prions in multiple sclerosis spinal cord. Neuroscience, 2015, 298, 293-301.	1.1	17
77	SSTR3 is a putative target for the medical treatment of gonadotroph adenomas of the pituitary. Endocrine-Related Cancer, 2015, 22, 111-119.	1.6	60
78	Targeting PI3K/mTOR Signaling Displays Potent Antitumor Efficacy against Nonfunctioning Pituitary Adenomas. Clinical Cancer Research, 2015, 21, 3204-3215.	3.2	59
79	Landscape of Familial Isolated and Young-Onset Pituitary Adenomas: Prospective Diagnosis inAIPMutation Carriers. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1242-E1254.	1.8	144
80	Extensive grey matter pathology in the cerebellum in multiple sclerosis is linked to inflammation in the subarachnoid space. Neuropathology and Applied Neurobiology, 2015, 41, 798-813.	1.8	82
81	Oligodendrocyte Gap Junction Loss and Disconnection From Reactive Astrocytes in Multiple Sclerosis Gray Matter. Journal of Neuropathology and Experimental Neurology, 2014, 73, 865-879.	0.9	70
82	A painful swollen thigh in a diabetic patient: diabetic myonecrosis. Lancet, The, 2014, 383, 1860.	6.3	2
83	Expression of the chondroitin sulphate proteoglycan, NG2, in paediatric brain tumors. Anticancer Research, 2014, 34, 6919-24.	0.5	7
84	[11C]-(R)PK11195 tracer kinetics in the brain of glioma patients and a comparison of two referencing approaches. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1406-1419.	3.3	55
85	Transcriptome analysis of MENX-associated rat pituitary adenomas identifies novel molecular mechanisms involved in the pathogenesis of human pituitary gonadotroph adenomas. Acta Neuropathologica, 2013, 126, 137-150.	3.9	40
86	Characterization of MENXâ€associated pituitary tumours. Neuropathology and Applied Neurobiology, 2013, 39, 256-269.	1.8	17
87	Selection of novel reference genes for use in the human central nervous system: a BrainNet Europe Study. Acta Neuropathologica, 2012, 124, 893-903.	3.9	110
88	Meningeal inflammation plays a role in the pathology of primary progressive multiple sclerosis. Brain, 2012, 135, 2925-2937.	3.7	310
89	Gap junction pathology in multiple sclerosis lesions and normal-appearing white matter. Acta Neuropathologica, 2012, 123, 873-886.	3.9	83
90	The neuropathological basis of clinical progression in multiple sclerosis. Acta Neuropathologica, 2011, 122, 155-170.	3.9	188

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91	Levels of p27 Sensitize to Dual PI3K/mTOR Inhibition. Molecular Cancer Therapeutics, 2011, 10, 1450-1459.	1.9	40
92	Meningeal inflammation is widespread and linked to cortical pathology in multiple sclerosis. Brain, 2011, 134, 2755-2771.	3.7	685
93	A Gradient of neuronal loss and meningeal inflammation in multiple sclerosis. Annals of Neurology, 2010, 68, 477-493.	2.8	588
94	Silent subtype 3 carcinoma of the pituitary: a case report. Neuropathology and Applied Neurobiology, 2010, 36, 90-94.	1.8	17
95	Novel Reference Region Model Reveals Increased Microglial and Reduced Vascular Binding of ¹¹C-(R)-PK11195 in Patients with Alzheimer's Disease. Journal of Nuclear Medicine, 2008, 49, 1249-1256.	2.8	81
96	The lack of expression of the peripheral benzodiazepine receptor characterises microglial response in anaplastic astrocytomas. Journal of Neuro-Oncology, 2007, 85, 95-103.	1.4	23
97	P53 Gene Mutations in Pituitary Carcinomas. Endocrine Pathology, 2007, 18, 217-222.	5.2	88
98	Reference and target region modeling of [11C]-(R)-PK11195 brain studies. Journal of Nuclear Medicine, 2007, 48, 158-67.	2.8	216
99	Supratentorial Cortical Ependymoma: Report of Three Cases. Neurosurgery, 2005, 57, E192-E192.	0.6	65
100	Gonadotropic pituitary carcinoma: HER-2/neu expression and gene amplification. Journal of Neurosurgery, 2003, 99, 402-408.	0.9	39
101	Silent Corticotroph Carcinoma of the Adenohypophysis. American Journal of Surgical Pathology, 2003, 27, 477-486.	2.1	40
102	Crooke's Hyalinization in Silent Corticotroph Adenoma: Report of Two Cases. Endocrine Pathology, 2002, 13, 245-249.	5.2	18
103	Identification of mitochondria in liver biopsies. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1998, 433, 267-273.	1.4	12
104	Low-grade adenocarcinoma of endolymphatic sac mimicking jugular paraganglioma at clinical and neuroradiological examination. , 1997, 16, 243-6.		0
105	Sarcomatoid Carcinoma of the Anorectal Junction with Neuroendocrine and Rhabdomyoblastic Features. American Journal of Surgical Pathology, 1995, 19, 217-223.	2.1	48
106	Epithelioid leiomyosarcoma of retroperitoneum with granular cell change. Histopathology, 1994, 25, 90-93.	1.6	13
107	Identification of granulocyte-macrophage colony stimulating factor receptor mRNA by non-isotopic in situ hybridization in bone marrow biopsies. Haematologica, 1994, 79, 322-7.	1.7	3
108	An immunoenzyme technique for the identification of granulocyte-macrophage colony-stimulating factor (GM-CSF) receptors using digoxigenated-GM-CSF. Journal of Immunological Methods, 1993, 158, 191-196.	0.6	1

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109	Epithelioid leiomyoma of the breast with granular cell change: A case report. Human Pathology, 1993, 24, 1260-1263.	1.1	37
110	A case of Lewy body disease and anaplastic astrocytoma presenting with atypical parkinsonism. Neuropathology, 0, , .	0.7	1
111	Pan-cerebral sodium elevations in vascular dementia: Evidence for disturbed brain-sodium homeostasis. Frontiers in Aging Neuroscience, 0, 14, .	1.7	1