

# Federico Roncaroli

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

5,798  
citations

76326

40  
h-index

82547

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. <i>Neuroendocrinology</i> , 2022, 112, 345-357.	2.5	5
2	A challenging case of sporadic melanocytoma of the jugular foramen. <i>Neurochirurgie</i> , 2022, 68, 453-457.	1.2	2
3	Limb girdle muscular dystrophy R12 (LGMD 2L, anoctaminopathy) mimicking idiopathic inflammatory myopathy: key points to prevent misdiagnosis. <i>Rheumatology</i> , 2022, 61, 1645-1650.	1.9	10
4	The effect of season of birth on brain epigenome-wide DNA methylation of older adults. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 367-377.	1.4	2
5	Endoscopic transsphenoidal surgery for biochemically and clinically non-functioning adenohypophyseal tumours in the elderly: experience from a single UK centre. <i>Endocrine</i> , 2022, 75, 872-882.	2.3	2
6	The blood-CSF-brain route of neurological disease: The indirect pathway into the brain. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	9
7	Angpt2/Tie2 autostimulatory loop controls tumorigenesis. <i>EMBO Molecular Medicine</i> , 2022, 14, e14364.	6.9	7
8	OTHR-41. Amplification of the PLAG family genes " PLAGL1 and PLAGL2 " is a key feature of a novel embryonal CNS tumor type. <i>Neuro-Oncology</i> , 2022, 24, i156-i156.	1.2	1
9	Rapid early progression (REP) of glioblastoma is an independent negative prognostic factor: Results from a systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2022, 4, .	0.7	7
10	Mid to late-life scores of depression in the cognitively healthy are associated with cognitive status and Alzheimer's disease pathology at death. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 713-721.	2.7	10
11	The spatial phenotype of genotypically distinct meningiomas demonstrate potential implications of the embryology of the meninges. <i>Oncogene</i> , 2021, 40, 875-884.	5.9	13
12	Primary glomus tumour of the pituitary gland: diagnostic challenges of a rare and potentially aggressive neoplasm. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 977-984.	2.8	3
13	Primary Neurocytoma and Neuroblastoma of the Sella. <i>Encyclopedia of Pathology</i> , 2021, , 1-13.	0.0	0
14	Amyloid-PET-Positive Patient With bvFTD. <i>Neurology: Clinical Practice</i> , 2021, 11, e952-e955.	1.6	4
15	Imaging of the glioma microenvironment by TSPO PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 174-185.	6.4	24
16	Widespread Decreases in Cerebral Copper Are Common to Parkinson's Disease Dementia and Alzheimer's Disease Dementia. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 641222.	3.4	21
17	Pituitary neuroendocrine tumors: a model for neuroendocrine tumor classification. <i>Modern Pathology</i> , 2021, 34, 1634-1650.	5.5	44
18	The LEGATOS technique: A new tissue-validated dynamic contrast-enhanced MRI method for whole-brain, high-spatial resolution parametric mapping. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2122-2136.	3.0	7

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19	The microenvironment in sporadic and neurofibromatosis type II-related vestibular schwannoma: the same tumor or different? A comparative imaging and neuropathology study. <i>Journal of Neurosurgery</i> , 2021, 134, 1419-1429.	1.6	23
20	Early changes in visuospatial episodic memory can help distinguish primary age-related tauopathy from Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 1114-1116.	3.2	6
21	Telephone Interview for Cognitive Status Scores Associate with Cognitive Impairment and Alzheimer's Disease Pathology at Death. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 609-619.	2.6	4
22	Severe and Regionally Widespread Increases in Tissue Urea in the Human Brain Represent a Novel Finding of Pathogenic Potential in Parkinson's Disease Dementia. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 711396.	2.9	9
23	Diagnosis Across the Spectrum of Progressive Supranuclear Palsy and Corticobasal Syndrome. <i>JAMA Neurology</i> , 2020, 77, 377.	9.0	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. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 619-632.	2.6	6
25	Pituitary neuroendocrine tumors (PitNETs): nomenclature evolution, not clinical revolution. <i>Pituitary</i> , 2020, 23, 322-325.	2.9	34
26	Primary epithelial-myoeithelial carcinoma of the pituitary gland. <i>Neuropathology</i> , 2020, 40, 261-267.	1.2	4
27	The Contribution of Vascular Pathology Toward Cognitive Impairment in Older Individuals with Intermediate Braak Stage Tau Pathology. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1005-1015.	2.6	5
28	Colorectal carcinoma to pituitary tumour: tumour to tumour metastasis. <i>British Journal of Neurosurgery</i> , 2020, , 1-4.	0.8	1
29	Neuropathology of a case of fragile X-associated tremor ataxia syndrome without tremor. <i>Neuropathology</i> , 2020, 40, 611-619.	1.2	3
30	Influence of APOE Genotype on Mortality and Cognitive Impairment. <i>Journal of Alzheimer's Disease Reports</i> , 2020, 4, 281-286.	2.2	8
31	Mechanisms of Mitochondrial Dysfunction in Lysosomal Storage Disorders: A Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 2596.	2.4	55
32	Clinical outcomes in an adult patient with mannose phosphate isomerase-congenital disorder of glycosylation who discontinued mannose therapy. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 25, 100646.	1.1	3
33	Influence of APOE genotype in primary age-related tauopathy. <i>Acta Neuropathologica Communications</i> , 2020, 8, 215.	5.2	13
34	Patterns of Mitochondrial TSPO Binding in Cerebral Small Vessel Disease: An in vivo PET Study With Neuropathological Comparison. <i>Frontiers in Neurology</i> , 2020, 11, 541377.	2.4	9
35	Effects of Alterations of Post-Mortem Delay and Other Tissue-Collection Variables on Metabolite Levels in Human and Rat Brain. <i>Metabolites</i> , 2020, 10, 438.	2.9	12
36	Evidence that levels of nine essential metals in post-mortem human-Alzheimer's-brain and <i>ex vivo</i> rat-brain tissues are unaffected by differences in post-mortem delay, age, disease staging, and brain bank location. <i>Metallomics</i> , 2020, 12, 952-962.	2.4	12

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37	YAP1/TAZ drives ependymoma-like tumour formation in mice. <i>Nature Communications</i> , 2020, 11, 2380.	12.8	32
38	The inflammatory microenvironment in vestibular schwannoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa023.	0.7	35
39	How to Classify Pituitary Neuroendocrine Tumors (PitNET)s in 2020. <i>Cancers</i> , 2020, 12, 514.	3.7	123
40	B cell rich meningeal inflammation associates with increased spinal cord pathology in multiple sclerosis. <i>Brain Pathology</i> , 2020, 30, 779-793.	4.1	76
41	Primary papillary epithelial tumour of the sella: expanding the spectrum of TTF-1-positive sellar lesions. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 493-505.	3.2	8
42	Significant Benefits of AIP Testing and Clinical Screening in Familial Isolated and Young-onset Pituitary Tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2247-e2260.	3.6	37
43	B cell rich meningeal inflammation associates with increased spinal cord pathology in multiple sclerosis. <i>Brain Pathology</i> , 2020, 30, 779-793.	4.1	8
44	Integrated systems genetic analyses reveal a network target for delaying glioma progression. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1616-1638.	3.7	8
45	A standardised diagnostic approach to pituitary neuroendocrine tumours (PitNETs): a European Pituitary Pathology Group (EPPG) proposal. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 475, 687-692.	2.8	66
46	Clinical and Pathological Aspects of Silent Pituitary Adenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2473-2489.	3.6	120
47	Neurosurgical contribution within a complex NF1 supraregional service. <i>Clinical Neurology and Neurosurgery</i> , 2019, 180, 18-24.	1.4	2
48	Tumor microenvironment defines the invasive phenotype of AIP-mutation-positive pituitary tumors. <i>Oncogene</i> , 2019, 38, 5381-5395.	5.9	59
49	Meningeal inflammation changes the balance of TNF signalling in cortical grey matter in multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2019, 16, 259.	7.2	79
50	Imaging and Tissue Biomarkers of Choline Metabolism in Diffuse Adult Glioma: 18F-Fluoromethylcholine PET/CT, Magnetic Resonance Spectroscopy, and Choline Kinase $\hat{\pm}$ . <i>Cancers</i> , 2019, 11, 1969.	3.7	13
51	Rare primary non-neuroendocrine tumours of the sella. <i>Diagnostic Histopathology</i> , 2019, 25, 8-15.	0.4	6
52	Inflammation and vascular permeability correlate with growth in sporadic vestibular schwannoma. <i>Neuro-Oncology</i> , 2019, 21, 314-325.	1.2	59
53	A nonmyeloablative chimeric mouse model accurately defines microglia and macrophage contribution in glioma. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 119-140.	3.2	18
54	Ectopic Cushing's syndrome secondary to olfactory neuroblastoma. <i>Acta Neurochirurgica</i> , 2018, 160, 1023-1026.	1.7	4

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55	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , 2018, 20, 873-884.	1.2	119
56	Kinetic modelling of [ <sup>11</sup> C]PBR28 for 18 kDa translocator protein PET data: A validation study of vascular modelling in the brain using XBD173 and tissue analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1227-1242.	4.3	51
57	Metabolic myopathies: a practical approach. <i>Practical Neurology</i> , 2018, 18, 14-26.	1.1	41
58	Characterization of neuroendocrine tumors in heterozygous mutant MENX rats: a novel model of invasive medullary thyroid carcinoma. <i>Endocrine-Related Cancer</i> , 2018, 25, 145-162.	3.1	8
59	A patient with a germline SDHB mutation presenting with an isolated pituitary macroprolactinoma. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2018, 2018, .	0.5	4
60	From pituitary adenoma to pituitary neuroendocrine tumor (PitNET): an International Pituitary Pathology Club proposal. <i>Endocrine-Related Cancer</i> , 2017, 24, C5-C8.	3.1	262
61	Pituitary Carcinoma in a Patient with an SDHB Mutation. <i>Endocrine Pathology</i> , 2017, 28, 320-325.	9.0	50
62	Complex regulation of neutrophil-derived MMP-9 secretion in central nervous system tuberculosis. <i>Journal of Neuroinflammation</i> , 2017, 14, 31.	7.2	33
63	CD15s/CD62E Interaction Mediates the Adhesion of Non-Small Cell Lung Cancer Cells on Brain Endothelial Cells: Implications for Cerebral Metastasis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1474.	4.1	22
64	Silent Crooke's cell corticotroph adenoma of the pituitary gland presenting as delayed puberty. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2017, 2017, .	0.5	6
65	AIP mutations in young patients with acromegaly and the Tampico Giant: the Mexican experience. <i>Endocrine</i> , 2016, 53, 402-411.	2.3	20
66	Germline or somatic GPR101 duplication leads to X-linked acrogigantism: a clinico-pathological and genetic study. <i>Acta Neuropathologica Communications</i> , 2016, 4, 56.	5.2	110
67	TSPO expression in brain tumours: is TSPO a target for brain tumour imaging?. <i>Clinical and Translational Imaging</i> , 2016, 4, 145-156.	2.1	57
68	Cortical Lewy bodies and A $\beta$ burden are associated with prevalence and timing of dementia in Lewy body diseases. <i>Neuropathology and Applied Neurobiology</i> , 2016, 42, 436-450.	3.2	67
69	Somatic GPR101 Duplication Causing X-Linked Acrogigantism (XLAC) – Diagnosis and Management. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1927-1930.	3.6	48
70	Factors predicting pasireotide responsiveness in somatotroph pituitary adenomas resistant to first-generation somatostatin analogues: an immunohistochemical study. <i>European Journal of Endocrinology</i> , 2016, 174, 241-250.	3.7	122
71	TNF- $\alpha$ enhancement of CD62E mediates adhesion of non-small cell lung cancer cells to brain endothelium via CD15 in lung-brain metastasis. <i>Neuro-Oncology</i> , 2016, 18, 679-690.	1.2	27
72	The 18-kDa mitochondrial translocator protein in gliomas: from the bench to bedside. <i>Biochemical Society Transactions</i> , 2015, 43, 579-585.	3.4	19

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73	Clinical outcomes in patients with nonfunctioning pituitary adenomas managed conservatively. <i>Clinical Endocrinology</i> , 2015, 83, 861-865.	2.4	22
74	The 18-kDa Mitochondrial Translocator Protein in Human Gliomas: An <sup>11</sup> C-(R)PK11195 PET Imaging and Neuropathology Study. <i>Journal of Nuclear Medicine</i> , 2015, 56, 512-517.	5.0	77
75	Heterogeneous Genetic Background of the Association of Pheochromocytoma/Paraganglioma and Pituitary Adenoma: Results From a Large Patient Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E531-E541.	3.6	145
76	Low levels of cobalamin, epidermal growth factor, and normal prions in multiple sclerosis spinal cord. <i>Neuroscience</i> , 2015, 298, 293-301.	2.3	17
77	SSTR3 is a putative target for the medical treatment of gonadotroph adenomas of the pituitary. <i>Endocrine-Related Cancer</i> , 2015, 22, 111-119.	3.1	60
78	Targeting PI3K/mTOR Signaling Displays Potent Antitumor Efficacy against Nonfunctioning Pituitary Adenomas. <i>Clinical Cancer Research</i> , 2015, 21, 3204-3215.	7.0	59
79	Landscape of Familial Isolated and Young-Onset Pituitary Adenomas: Prospective Diagnosis in AIP Mutation Carriers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1242-E1254.	3.6	144
80	Extensive grey matter pathology in the cerebellum in multiple sclerosis is linked to inflammation in the subarachnoid space. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 798-813.	3.2	82
81	Oligodendrocyte Gap Junction Loss and Disconnection From Reactive Astrocytes in Multiple Sclerosis Gray Matter. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 865-879.	1.7	70
82	A painful swollen thigh in a diabetic patient: diabetic myonecrosis. <i>Lancet</i> , The, 2014, 383, 1860.	13.7	2
83	Expression of the chondroitin sulphate proteoglycan, NG2, in paediatric brain tumors. <i>Anticancer Research</i> , 2014, 34, 6919-24.	1.1	7
84	[ <sup>11</sup> C]-(R)PK11195 tracer kinetics in the brain of glioma patients and a comparison of two referencing approaches. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1406-1419.	6.4	55
85	Transcriptome analysis of MENX-associated rat pituitary adenomas identifies novel molecular mechanisms involved in the pathogenesis of human pituitary gonadotroph adenomas. <i>Acta Neuropathologica</i> , 2013, 126, 137-150.	7.7	40
86	Characterization of MENX-associated pituitary tumours. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 256-269.	3.2	17
87	Selection of novel reference genes for use in the human central nervous system: a BrainNet Europe Study. <i>Acta Neuropathologica</i> , 2012, 124, 893-903.	7.7	110
88	Meningeal inflammation plays a role in the pathology of primary progressive multiple sclerosis. <i>Brain</i> , 2012, 135, 2925-2937.	7.6	310
89	Gap junction pathology in multiple sclerosis lesions and normal-appearing white matter. <i>Acta Neuropathologica</i> , 2012, 123, 873-886.	7.7	83
90	The neuropathological basis of clinical progression in multiple sclerosis. <i>Acta Neuropathologica</i> , 2011, 122, 155-170.	7.7	188

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91	Levels of p27 Sensitize to Dual PI3K/mTOR Inhibition. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1450-1459.	4.1	40
92	Meningeal inflammation is widespread and linked to cortical pathology in multiple sclerosis. <i>Brain</i> , 2011, 134, 2755-2771.	7.6	685
93	A Gradient of neuronal loss and meningeal inflammation in multiple sclerosis. <i>Annals of Neurology</i> , 2010, 68, 477-493.	5.3	588
94	Silent subtype 3 carcinoma of the pituitary: a case report. <i>Neuropathology and Applied Neurobiology</i> , 2010, 36, 90-94.	3.2	17
95	Novel Reference Region Model Reveals Increased Microglial and Reduced Vascular Binding of [ <sup>11</sup> C]-( <i>R</i> )-PK11195 in Patients with Alzheimer's Disease. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1249-1256.	5.0	81
96	The lack of expression of the peripheral benzodiazepine receptor characterises microglial response in anaplastic astrocytomas. <i>Journal of Neuro-Oncology</i> , 2007, 85, 95-103.	2.9	23
97	P53 Gene Mutations in Pituitary Carcinomas. <i>Endocrine Pathology</i> , 2007, 18, 217-222.	9.0	88
98	Reference and target region modeling of [ <sup>11</sup> C]-( <i>R</i> )-PK11195 brain studies. <i>Journal of Nuclear Medicine</i> , 2007, 48, 158-67.	5.0	216
99	Supratentorial Cortical Ependymoma: Report of Three Cases. <i>Neurosurgery</i> , 2005, 57, E192-E192.	1.1	65
100	Gonadotropic pituitary carcinoma: HER-2/neu expression and gene amplification. <i>Journal of Neurosurgery</i> , 2003, 99, 402-408.	1.6	39
101	Silent Corticotroph Carcinoma of the Adenohypophysis. <i>American Journal of Surgical Pathology</i> , 2003, 27, 477-486.	3.7	40
102	Crooke's Hyalinization in Silent Corticotroph Adenoma: Report of Two Cases. <i>Endocrine Pathology</i> , 2002, 13, 245-249.	9.0	18
103	Identification of mitochondria in liver biopsies. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1998, 433, 267-273.	2.8	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. <i>American Journal of Surgical Pathology</i> , 1995, 19, 217-223.	3.7	48
106	Epithelioid leiomyosarcoma of retroperitoneum with granular cell change. <i>Histopathology</i> , 1994, 25, 90-93.	2.9	13
107	Identification of granulocyte-macrophage colony stimulating factor receptor mRNA by non-isotopic in situ hybridization in bone marrow biopsies. <i>Haematologica</i> , 1994, 79, 322-7.	3.5	3
108	An immunoenzyme technique for the identification of granulocyte-macrophage colony-stimulating factor (GM-CSF) receptors using digoxigenated-GM-CSF. <i>Journal of Immunological Methods</i> , 1993, 158, 191-196.	1.4	1

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109	Epithelioid leiomyoma of the breast with granular cell change: A case report. <i>Human Pathology</i> , 1993, 24, 1260-1263.	2.0	37
110	A case of Lewy body disease and anaplastic astrocytoma presenting with atypical parkinsonism. <i>Neuropathology</i> , 0, , .	1.2	1
111	Pan-cerebral sodium elevations in vascular dementia: Evidence for disturbed brain-sodium homeostasis. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	1