

Josef Zamecnik

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,726
citations

471509

17
h-index

289244

40
g-index

61
all docs

61
docs citations

61
times ranked

3445
citing authors

#	ARTICLE	IF	CITATIONS
1	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. <i>Cancer Cell</i> , 2016, 29, 379-393.	16.8	438
2	Alterations in ALK/ROS1/NTRK/MET drive a group of infantile hemispheric gliomas. <i>Nature Communications</i> , 2019, 10, 4343.	12.8	200
3	Value of thyroid transcription factor-1 and surfactant apoprotein A in the differential diagnosis of pulmonary carcinomas: a study of 109 cases. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2002, 440, 353-361.	2.8	140
4	The extracellular space and matrix of gliomas. <i>Acta Neuropathologica</i> , 2005, 110, 435-442.	7.7	121
5	Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. <i>Cell</i> , 2020, 183, 1617-1633.e22.	28.9	93
6	Pediatric Intracranial Ependymomas: Prognostic Relevance of Histological, Immunohistochemical, and Flow Cytometric Factors. <i>Modern Pathology</i> , 2003, 16, 980-991.	5.5	76
7	Novel Histopathological Patterns in Cortical Tubers of Epilepsy Surgery Patients with Tuberous Sclerosis Complex. <i>PLoS ONE</i> , 2016, 11, e0157396.	2.5	69
8	Outcomes of BRAF V600E Pediatric Gliomas Treated With Targeted BRAF Inhibition. <i>JCO Precision Oncology</i> , 2020, 4, 561-571.	3.0	62
9	Increasing incidence of immune-mediated necrotizing myopathy: single-centre experience. <i>Rheumatology</i> , 2015, 54, 2010-2014.	1.9	55
10	Functional aspects of early brain development are preserved in tuberous sclerosis complex (TSC) epileptogenic lesions. <i>Neurobiology of Disease</i> , 2016, 95, 93-101.	4.4	50
11	Thymidine kinase 2 and alanyl-tRNA synthetase 2 deficiencies cause lethal mitochondrial cardiomyopathy: case reports and review of the literature. <i>Cardiology in the Young</i> , 2017, 27, 936-944.	0.8	28
12	The coding and non-coding transcriptional landscape of subependymal giant cell astrocytomas. <i>Brain</i> , 2020, 143, 131-149.	7.6	24
13	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. <i>Cell Reports Medicine</i> , 2020, 1, 100038.	6.5	24
14	Desminopathy: Novel Desmin Variants, a New Cardiac Phenotype, and Further Evidence for Secondary Mitochondrial Dysfunction. <i>Journal of Clinical Medicine</i> , 2020, 9, 937.	2.4	24
15	Radiation-induced gliomas represent H3-/IDH-wild type pediatric gliomas with recurrent PDGFRA amplification and loss of CDKN2A/B. <i>Nature Communications</i> , 2021, 12, 5530.	12.8	24
16	Specific pattern of maturation and differentiation in the formation of cortical tubers in tuberous sclerosis complex (TSC): evidence from layer-specific marker expression. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 9.	3.1	23
17	The extracellular matrix and diffusion barriers in focal cortical dysplasias. <i>European Journal of Neuroscience</i> , 2012, 36, 2017-2024.	2.6	22
18	Etiopathogenesis of adolescent idiopathic scoliosis: Expression of melatonin receptors 1A/1B, calmodulin and estrogen receptor 2 in deep paravertebral muscles revisited. <i>Molecular Medicine Reports</i> , 2016, 14, 5719-5724.	2.4	17

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19	Pro-inflammatory S100A11 is elevated in inflammatory myopathies and reflects disease activity and extramuscular manifestations in myositis. <i>Cytokine</i> , 2019, 116, 13-20.	3.2	17
20	Muscle lymphocytic infiltrates in thymoma-associated myasthenia gravis are phenotypically different from those in polymyositis. <i>Neuromuscular Disorders</i> , 2007, 17, 935-942.	0.6	16
21	Novel variant in the KCNK9 gene in a girl with Birk Barel syndrome. <i>European Journal of Medical Genetics</i> , 2020, 63, 103619.	1.3	16
22	GATOR1-related focal cortical dysplasia in epilepsy surgery patients and their families: A possible gradient in severity?. <i>European Journal of Paediatric Neurology</i> , 2021, 30, 88-96.	1.6	16
23	Evolution of pediatric epilepsy surgery program over 2000â€“2017: Improvement of care?. <i>European Journal of Paediatric Neurology</i> , 2019, 23, 456-465.	1.6	15
24	Three New PLP1 Splicing Mutations Demonstrate Pathogenic and Phenotypic Diversity of Pelizaeus-Merzbacher Disease. <i>Journal of Child Neurology</i> , 2014, 29, 924-931.	1.4	14
25	Brain gliomas, hydrocephalus and idiopathic aqueduct stenosis in children with neurofibromatosis type 1. <i>Brain and Development</i> , 2019, 41, 678-690.	1.1	12
26	Homozygous missense mutation in UQCRC2 associated with severe encephalomyopathy, mitochondrial complex III assembly defect and activation of mitochondrial protein quality control. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166147.	3.8	11
27	Unique presentation of LHON/MELAS overlap syndrome caused by m.13046T>C in <i><i>MTND5</i></i> . <i>Ophthalmic Genetics</i> , 2016, 37, 419-423.	1.2	10
28	Limited clinical significance of tissue calprotectin levels in bowel mucosa for the prediction of complicated course of the disease in children with ulcerative colitis. <i>Pathology Research and Practice</i> , 2019, 215, 152689.	2.3	10
29	CO2-related vasoconstriction superimposed on ischemic medullary brain autonomic nuclei may contribute to sudden death. <i>Cardiovascular Pathology</i> , 2019, 38, 42-45.	1.6	8
30	The Phenotypic Spectrum of 47 Czech Patients with Single, Large-Scale Mitochondrial DNA Deletions. <i>Brain Sciences</i> , 2020, 10, 766.	2.3	8
31	Alemtuzumab and intrathecal methotrexate failed in the therapy of Rasmussen encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e354.	6.0	7
32	Low predictive value of histopathological scoring system for complications development in children with Crohnâ€™s disease. <i>Pathology Research and Practice</i> , 2017, 213, 353-358.	2.3	7
33	Rare IDH1 variants are common in pediatric hemispheric diffuse astrocytomas and frequently associated with Li-Fraumeni syndrome. <i>Acta Neuropathologica</i> , 2020, 139, 795-797.	7.7	7
34	The clinical utility of intraoperative electrocorticography in pediatric epilepsy surgical strategy and planning. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 533-542.	1.3	7
35	Familial temporal lobe epilepsy due to focal cortical dysplasia type IIIa. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 31, 120-123.	2.0	6
36	Atrophy of type II fibres in myasthenia gravis muscle in thymectomized patients: steroidâ€“induced change with prognostic impact. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2008-2018.	3.6	5

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37	An immunotherapy effect analysis in Rasmussen encephalitis. <i>BMC Neurology</i> , 2020, 20, 359.	1.8	5
38	Survival and functional outcomes in paediatric thalamic and thalamopeduncular low grade gliomas. <i>Acta Neurochirurgica</i> , 2022, 164, 1459-1472.	1.7	5
39	Immunohistochemical Assessment of CD30+ Lymphocytes in the Intestinal Mucosa Facilitates Diagnosis of Pediatric Ulcerative Colitis. <i>Digestive Diseases and Sciences</i> , 2018, 63, 1811-1818.	2.3	3
40	MicroRNA expression in pediatric intracranial ependymomas and their potential value for tumor grading. <i>Oncology Letters</i> , 2019, 17, 1379-1383.	1.8	3
41	Cytometric analysis of cell suspension generated by cavitron ultrasonic surgical aspirator in pediatric brain tumors. <i>Journal of Neuro-Oncology</i> , 2019, 143, 15-25.	2.9	3
42	A novel PSMA/GCPII-deficient mouse model shows enlarged seminal vesicles upon aging. <i>Prostate</i> , 2019, 79, 126-139.	2.3	3
43	Interleukin-35 in idiopathic inflammatory myopathies. <i>Cytokine</i> , 2021, 137, 155350.	3.2	3
44	Expression of cancer stem cells markers in urinary bladder urothelial carcinoma and its precursor lesions. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2021, 165, 316-321.	0.6	3
45	Expression of molecules of the Wnt pathway and of E-cadherin in the etiopathogenesis of human thymomas. <i>Oncology Letters</i> , 2020, 19, 2413-2421.	1.8	3
46	Complex Immunometabolic Profiling Reveals the Activation of Cellular Immunity and Biliary Lesions in Patients with Severe COVID-19. <i>Journal of Clinical Medicine</i> , 2020, 9, 3000.	2.4	2
47	Cognitive performance in distinct groups of children undergoing epilepsy surgery—a single-centre experience. <i>PeerJ</i> , 2019, 7, e7790.	2.0	2
48	Hsp90 Levels in Idiopathic Inflammatory Myopathies and Their Association With Muscle Involvement and Disease Activity: A Cross-Sectional and Longitudinal Study. <i>Frontiers in Immunology</i> , 2022, 13, 811045.	4.8	2
49	Increased visfatin levels are associated with higher disease activity in anti-Jo-1-positive myositis patients. <i>Clinical and Experimental Rheumatology</i> , 2016, 34, 222-9.	0.8	2
50	GENE-14. UNIQUE MOLECULAR AND CLINICAL FEATURES OF LI-FRAUMENI SYNDROME ASSOCIATED BRAIN TUMOURS. <i>Neuro-Oncology</i> , 2019, 21, ii84-ii84.	1.2	1
51	Primary angiosarcoma of the femoral artery in patient with kidney and liver polycystosis and multiple arterial aneurysms: report of the case and review of the literature. <i>Cardiovascular Pathology</i> , 2019, 39, 8-11.	1.6	1
52	Histopathological examination of the ectocervical biopsy in non-transplanted uteri: A study contributing to the provisional scoring system of subclinical graft rejection after uterus transplantation. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2021, 101, 37.	2.8	1
53	HGG-31. UNIQUE BIOLOGICAL CHARACTERISTICS OF RADIATION-INDUCED GLIOMAS. <i>Neuro-Oncology</i> , 2020, 22, iii349-iii349.	1.2	1
54	Clusterin is upregulated in serum and muscle tissue in idiopathic inflammatory myopathies and associates with clinical disease activity and cytokine profile. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 1021-1032.	0.8	1

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55	Inflammatory myopathy associated with statins: report of three cases. <i>Modern Rheumatology</i> , 2012, , 1.	1.8	0
56	08.01â€¦Heat shock protein 90 is increased in muscle tissue and plasma in idiopathic inflammatory myopathies. , 2017, , .		0
57	ATRT-11. MOLECULAR BACKGROUND AND SURVIVAL OF PATIENTS WITH ATRT AND RHABDOID TUMOURS; SINGLE CENTRE EXPERIENCE. <i>Neuro-Oncology</i> , 2019, 21, ii65-ii65.	1.2	0
58	LGG-46. MOLECULAR CHARACTERIZATION OF HEMISPHERIC LOW-GRADE GLIOMAS IN CHILDREN. <i>Neuro-Oncology</i> , 2020, 22, iii374-iii375.	1.2	0
59	HGG-14. Molecular characterization of unique biological subgroups among H3 wild type high-grade gliomas. <i>Neuro-Oncology</i> , 2022, 24, i63-i63.	1.2	0
60	SURG-05. Survival and functional outcomes in pediatric thalamic and thalamopeduncular low grade gliomas. <i>Neuro-Oncology</i> , 2022, 24, i142-i143.	1.2	0
61	HGG-49. Gliomatosis cerebri in children: A collaborative report from the European Society for Pediatric Oncology (SIOPE). <i>Neuro-Oncology</i> , 2022, 24, i72-i73.	1.2	0