

Kevin Beccaria

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,889
citations

394421

19
h-index

265206

42
g-index

46
all docs

46
docs citations

46
times ranked

2993
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical trial of blood-brain barrier disruption by pulsed ultrasound. <i>Science Translational Medicine</i> , 2016, 8, 343re2.	12.4	529
2	MR-guided laser-induced thermal therapy (LITT) for recurrent glioblastomas. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 361-368.	2.1	172
3	Biopsy in a series of 130 pediatric diffuse intrinsic Pontine gliomas. <i>Child's Nervous System</i> , 2015, 31, 1773-1780.	1.1	145
4	Histone H3 wild-type DIPG/DMG overexpressing EZHIP extend the spectrum diffuse midline gliomas with PRC2 inhibition beyond H3-K27M mutation. <i>Acta Neuropathologica</i> , 2020, 139, 1109-1113.	7.7	104
5	Co-occurrence of histone H3 K27M and BRAF V600E mutations in paediatric midline grade I ganglioglioma. <i>Brain Pathology</i> , 2018, 28, 103-111.	4.1	80
6	TP53 Pathway Alterations Drive Radioresistance in Diffuse Intrinsic Pontine Gliomas (DIPG). <i>Clinical Cancer Research</i> , 2019, 25, 6788-6800.	7.0	66
7	Opening of the Blood-Brain Barrier Using Low-Intensity Pulsed Ultrasound Enhances Responses to Immunotherapy in Preclinical Glioma Models. <i>Clinical Cancer Research</i> , 2021, 27, 4325-4337.	7.0	58
8	Opening of the blood-brain barrier with an unfocused ultrasound device in rabbits. <i>Journal of Neurosurgery</i> , 2013, 119, 887-898.	1.6	57
9	Hydrocephalus treatment in children: long-term outcome in 975 consecutive patients. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 10-18.	1.3	56
10	Ultrasound-induced opening of the blood-brain barrier to enhance temozolomide and irinotecan delivery: an experimental study in rabbits. <i>Journal of Neurosurgery</i> , 2016, 124, 1602-1610.	1.6	55
11	Ibrutinib brain distribution: a preclinical study. <i>Cancer Chemotherapy and Pharmacology</i> , 2018, 81, 783-789.	2.3	51
12	New <i>in vivo</i> avatars of diffuse intrinsic pontine gliomas (DIPG) from stereotactic biopsies performed at diagnosis. <i>Oncotarget</i> , 2017, 8, 52543-52559.	1.8	41
13	Ultrasound-induced blood-brain barrier disruption for the treatment of gliomas and other primary CNS tumors. <i>Cancer Letters</i> , 2020, 479, 13-22.	7.2	38
14	Arterial spin labeling magnetic resonance imaging: toward noninvasive diagnosis and follow-up of pediatric brain arteriovenous malformations. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 451-458.	1.3	35
15	Irinotecan and temozolomide brain distribution: a focus on ABCB1. <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 74, 185-193.	2.3	34
16	Spinal lipoma of the filum terminale: review of 174 consecutive patients. <i>Child's Nervous System</i> , 2016, 32, 1265-1272.	1.1	34
17	Blood-brain barrier opening with low intensity pulsed ultrasound for immune modulation and immune therapeutic delivery to CNS tumors. <i>Journal of Neuro-Oncology</i> , 2021, 151, 65-73.	2.9	31
18	Microsurgical, endoscopic, and shunt management of pediatric temporoparietal arachnoid cysts: a comparative study. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 749-757.	1.3	24

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19	Cerebral blood flow changes after radiation therapy identifies pseudoprogression in diffuse intrinsic pontine gliomas. <i>Neuro-Oncology</i> , 2018, 20, 994-1002.	1.2	21
20	The Challenge of Gene Therapy for Neurological Diseases: Strategies and Tools to Achieve Efficient Delivery to the Central Nervous System. <i>Human Gene Therapy</i> , 2021, 32, 349-374.	2.7	21
21	Brain abscess in children, a two-centre audit: outcomes and controversies. <i>Archives of Disease in Childhood</i> , 2020, 105, 288-291.	1.9	20
22	Pediatric infratentorial ganglioglioma. <i>Child's Nervous System</i> , 2015, 31, 1707-1716.	1.1	19
23	Multimodal Magnetic Resonance Imaging of Treatment-Induced Changes to Diffuse Infiltrating Pontine Gliomas in Children and Correlation to Patient Progression-Free Survival. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 476-485.	0.8	18
24	Pediatric Chordomas: Results of a Multicentric Study of 40 Children and Proposal for a Histopathological Prognostic Grading System and New Therapeutic Strategies. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 207-215.	1.7	18
25	Imaging Features with Histopathologic Correlation of CNS High-Grade Neuroepithelial Tumors with a <i>BCOR</i> Internal Tandem Duplication. <i>American Journal of Neuroradiology</i> , 2022, 43, 151-156.	2.4	17
26	Ultrasound-Induced Blood-Spinal Cord Barrier Opening in Rabbits. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2417-2426.	1.5	15
27	Role of neoadjuvant chemotherapy in metastatic medulloblastoma: a comparative study in 92 children. <i>Neuro-Oncology</i> , 2020, 22, 1686-1695.	1.2	14
28	A kinome-wide shRNA screen uncovers vaccinia-related kinase 3 (VRK3) as an essential gene for diffuse intrinsic pontine glioma survival. <i>Oncogene</i> , 2019, 38, 6479-6490.	5.9	13
29	Preclinical impact of bevacizumab on brain and tumor distribution of irinotecan and temozolomide. <i>Journal of Neuro-Oncology</i> , 2015, 122, 273-281.	2.9	12
30	Chordoma in children: Case-report and review of literature. <i>Reports of Practical Oncology and Radiotherapy</i> , 2016, 21, 1-7.	0.6	11
31	Radiogenomics of diffuse intrinsic pontine gliomas (DIPGs): correlation of histological and biological characteristics with multimodal MRI features. <i>European Radiology</i> , 2021, 31, 8913-8924.	4.5	11
32	A CBF decrease in the left supplementary motor areas: New insight into postoperative pediatric cerebellar mutism syndrome using arterial spin labeling perfusion MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3339-3349.	4.3	10
33	CT and Multimodal MR Imaging Features of Embryonal Tumors with Multilayered Rosettes in Children. <i>American Journal of Neuroradiology</i> , 2019, 40, 732-736.	2.4	9
34	Subdural to subgaleal shunts: alternative treatment in infants with nonaccidental traumatic brain injury?. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 306-309.	1.3	8
35	Focal Areas of High Signal Intensity in Children with Neurofibromatosis Type 1: Expected Evolution on MRI. <i>American Journal of Neuroradiology</i> , 2020, 41, 1733-1739.	2.4	8
36	Current treatments of medulloblastoma. <i>Current Opinion in Oncology</i> , 2021, 33, 615-620.	2.4	7

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37	High Prevalence of Early Endocrine Disorders After Childhood Brain Tumors in a Large Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2156-e2166.	3.6	6
38	First Line Onyx Embolization in Ruptured Pediatric Arteriovenous Malformations. <i>Clinical Neuroradiology</i> , 2021, 31, 155-163.	1.9	5
39	Clinical and molecular analysis of smoothed inhibitors in Sonic Hedgehog medulloblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab097.	0.7	5
40	Reprint of "Chordoma in children: Case-report and review of literature" Reports of Practical Oncology and Radiotherapy, 2016, 21, 412-417.	0.6	4
41	Toward a transitional care from childhood and adolescence to adulthood in surgical neurooncology? A lesson from the Necker-Enfants Malades and the Sainte-Anne Hospitals collaboration. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 1-7.	1.3	2
42	Immunohistochemistry as a tool to identify ELP1-associated medulloblastoma. <i>Acta Neuropathologica</i> , 2022, 143, 523-525.	7.7	2
43	The dark matter of diffuse intrinsic pontine gliomas: an update. <i>Expert Opinion on Orphan Drugs</i> , 2019, 7, 11-20.	0.8	1
44	CAR-T cells for pediatric brain tumors: Present and future. <i>Bulletin Du Cancer</i> , 2021, 108, S109-S116.	1.6	1
45	Acute Isolated Paraplegia Revealing an Ewing Sarcoma of the Thoracic Spine. <i>Journal of Pediatric Hematology/Oncology</i> , 2017, 39, e479-e482.	0.6	0