

Alexandre Carpentier

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,341
citations

471509

17
h-index

315739

38
g-index

44
all docs

44
docs citations

44
times ranked

2905
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	Safety and Feasibility of Repeated and Transient Blood-Brain Barrier Disruption by Pulsed Ultrasound in Patients with Recurrent Glioblastoma. <i>Clinical Cancer Research</i> , 2019, 25, 3793-3801.	7.0	232
3	Phase I trial of a CpG oligodeoxynucleotide for patients with recurrent glioblastoma. <i>Neuro-Oncology</i> , 2006, 8, 60-66.	1.2	189
4	Intracerebral administration of CpG oligonucleotide for patients with recurrent glioblastoma: a phase II study. <i>Neuro-Oncology</i> , 2010, 12, 401-408.	1.2	180
5	MR-guided laser-induced thermal therapy (LITT) for recurrent glioblastomas. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 361-368.	2.1	172
6	Real-time magnetic resonance-guided laser thermal therapy for focal metastatic brain tumors. <i>Neurosurgery</i> , 2008, 63, ONS21-8; discussion ONS28-9.	1.1	157
7	Early Morphologic and Spectroscopic Magnetic Resonance in Severe Traumatic Brain Injuries Can Detect "Invisible Brain Stem Damage" and Predict "Vegetative States". <i>Journal of Neurotrauma</i> , 2006, 23, 674-685.	3.4	103
8	Safe long-term repeated disruption of the blood-brain barrier using an implantable ultrasound device: a multiparametric study in a primate model. <i>Journal of Neurosurgery</i> , 2017, 126, 1351-1361.	1.6	85
9	Predictive factors of long-term outcomes of surgery for mesial temporal lobe epilepsy associated with hippocampal sclerosis. <i>Epilepsia</i> , 2017, 58, 1473-1485.	5.1	84
10	Intracerebral injection of CpG oligonucleotide for patients with de novo glioblastoma: A phase II multicentric, randomised study. <i>European Journal of Cancer</i> , 2017, 73, 30-37.	2.8	68
11	Complications after frame-based stereotactic brain biopsy: a systematic review. <i>Neurosurgical Review</i> , 2021, 44, 301-307.	2.4	64
12	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
13	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
14	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
15	Temporary blood-brain barrier disruption by low intensity pulsed ultrasound increases carboplatin delivery and efficacy in preclinical models of glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 144, 33-41.	2.9	54
16	Complications After Surgery for Mesial Temporal Lobe Epilepsy Associated with Hippocampal Sclerosis. <i>World Neurosurgery</i> , 2017, 102, 639-650.e2.	1.3	37
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	Double-lumen balloon for Onyx® embolization via extracranial arteries in transverse sigmoid dural arteriovenous fistulas: initial experience. <i>Acta Neurochirurgica</i> , 2016, 158, 1917-1923.	1.7	19

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19	Safety of radiosurgery concurrent with systemic therapy (chemotherapy, targeted therapy, and/or Tj ETQq1 1 0.784314 rgBT /Overlook 341-354.	5.9	18
20	Are spine metastasis survival scoring systems outdated and do they underestimate life expectancy? Caution in surgical recommendation guidance. Journal of Neurosurgery: Spine, 2021, 35, 527-534.	1.7	17
21	Severity, timeline, and management of complications after stereotactic brain biopsy. Journal of Neurosurgery, 2022, 136, 867-876.	1.6	17
22	A causal study of the phenomenon of ultrasound neurostimulation applied to an in vivo invertebrate nervous model. Scientific Reports, 2019, 9, 13738.	3.3	12
23	Efficacy of a Second Brain Biopsy for Intracranial Lesions after Initial Negativity. Journal of Clinical		

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37	Ex-Vivo Recording of LEUS-Generated Neural Responses from Mouse Brain Slices Using a Microelectrode Array (MEA) System. , 2018, , .		2
38	Antimicrobial prophylaxis in noninstrumented spine surgery: a prospective study to determine efficacy and drawbacks. Journal of Neurosurgery: Spine, 2021, 35, 366-375.	1.7	2
39	Neurostimulation success rate of repetitiveâ€pulse focused ultrasound in an In Vivo Giant Axon Model: An acoustic parametric study. Medical Physics, 2021, , .	3.0	2
40	Mixed Focused UltraSound (FUS) / fluorescence imaging platform for characterization of the spatial-temporal dynamics of FUS-evoked calcium fluxes in an in vitro human cell model. , 2021, , .		1
41	Enhancing Safety in Epilepsy Surgery (EASINESS): Study Protocol for a Retrospective, Multicenter, Open Registry. Frontiers in Neurology, 2021, 12, 782666.	2.4	1
42	Brain MRI in the assessment of severe head trauma. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 2005, 16, 11-18.	0.1	0
43	Brain MRI in the assessment of severe head trauma. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 2005, 16, 11-18.	0.1	0