

David S Hersh

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,008
citations

623188

14
h-index

433756

31
g-index

50
all docs

50
docs citations

50
times ranked

1574
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolving Drug Delivery Strategies to Overcome the Blood Brain Barrier. <i>Current Pharmaceutical Design</i> , 2016, 22, 1177-1193.	0.9	240
2	Intramedullary Lesion Length on Postoperative Magnetic Resonance Imaging is a Strong Predictor of ASIA Impairment Scale Grade Conversion Following Decompressive Surgery in Cervical Spinal Cord Injury. <i>Neurosurgery</i> , 2017, 80, 610-620.	0.6	98
3	Evolving Drug Delivery Strategies to Overcome the Blood Brain Barrier. <i>Current Pharmaceutical Design</i> , 2016, 22, 1177-1193.	0.9	95
4	Emerging Applications of Therapeutic Ultrasound in Neuro-oncology. <i>Neurosurgery</i> , 2016, 79, 643-654.	0.6	74
5	Tumor-targeted nanotherapeutics: overcoming treatment barriers for glioblastoma. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1439.	3.3	57
6	Extent of Spinal Cord Decompression in Motor Complete (American Spinal Injury Association) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 552 Resonance Imaging Analysis of Standard Operative Approaches. <i>Journal of Neurotrauma</i> , 2019, 36, 862-876.	1.7	54
7	Changes in Gene Expression in Space and Time Orchestrate Environmentally Mediated Shaping of Root Architecture. <i>Plant Cell</i> , 2017, 29, 2393-2412.	3.1	49
8	Predictors of intramedullary lesion expansion rate on MR images of patients with subaxial spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 611-621.	0.9	39
9	Pediatric cerebral venous sinus thrombosis or compression in the setting of skull fractures from blunt head trauma. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 258-269.	0.8	31
10	Instrumented fusion for spinal deformity after laminectomy or laminoplasty for resection of intramedullary spinal cord tumors in pediatric patients. <i>Neurosurgical Focus</i> , 2017, 43, E12.	1.0	29
11	The TNF receptor family member Fn14 is highly expressed in recurrent glioblastoma and in GBM patient-derived xenografts with acquired temozolomide resistance. <i>Neuro-Oncology</i> , 2018, 20, 1321-1330.	0.6	28
12	MR-guided transcranial focused ultrasound safely enhances interstitial dispersion of large polymeric nanoparticles in the living brain. <i>PLoS ONE</i> , 2018, 13, e0192240.	1.1	24
13	Pulsed ultrasound expands the extracellular and perivascular spaces of the brain. <i>Brain Research</i> , 2016, 1646, 543-550.	1.1	23
14	Endoscopic surgery for patients with syndromic craniosynostosis and the requirement for additional open surgery. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 91-98.	0.8	20
15	Symptomatic Acute-on-Chronic Subdural Hematoma. <i>American Journal of Forensic Medicine and Pathology</i> , 2017, 38, 126-130.	0.4	13
16	Management of Chiari malformations: opinions from different centers—a review. <i>Child's Nervous System</i> , 2019, 35, 1869-1873.	0.6	12
17	The "Crumple Zone" hypothesis: Association of frontal sinus volume and cerebral injury after craniofacial trauma. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1094-1098.	0.7	10
18	Differential expression of the TWEAK receptor Fn14 in IDH1 wild-type and mutant gliomas. <i>Journal of Neuro-Oncology</i> , 2018, 138, 241-250.	1.4	9

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19	Surgical treatment of a type IV cystic sacrococcygeal teratoma with intraspinal extension utilizing a posterior-anterior-posterior approach: a case report. <i>Child's Nervous System</i> , 2018, 34, 977-982.	0.6	9
20	Neurosurgical Operative Videos: An Analysis of an Increasingly Popular Educational Resource. <i>World Neurosurgery</i> , 2020, 144, e428-e437.	0.7	9
21	Predictors of Telemedicine Utilization in a Pediatric Neurosurgical Population During the COVID-19 Pandemic. <i>World Neurosurgery</i> , 2021, 153, e308-e314.	0.7	9
22	Current and future uses of transcranial focused ultrasound in neurosurgery. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 203-213.	0.3	9
23	Telehealth in Pediatric Surgical Subspecialties: Rapid Adoption in the Setting of COVID-19. <i>Telemedicine Journal and E-Health</i> , 2022, 28, 344-352.	1.6	8
24	Bone Flap Resorption in Pediatric Patients Following Autologous Cranioplasty. <i>Operative Neurosurgery</i> , 2021, 20, 436-443.	0.4	7
25	Multi-level spondylolysis. <i>Bulletin of the NYU Hospital for Joint Diseases</i> , 2011, 69, 339-43.	0.7	6
26	Postnatal diagnosis of single-suture craniosynostosis with cranial ultrasound: a systematic review. <i>Child's Nervous System</i> , 2021, 37, 3705-3714.	0.6	5
27	Pediatric glioblastoma: mechanisms of immune evasion and potential therapeutic opportunities. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 1813-1822.	2.0	5
28	Longitudinal quantitative analysis of the tuber-to-brain proportion in patients with tuberous sclerosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 71-76.	0.8	4
29	Chondromyxoid fibroma invasion of the transverse-sigmoid sinus junction causing posterior fossa hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 149-150.	0.8	4
30	Diagnosis and Management of Suture-Related Concerns of the Infant Skull. <i>Pediatric Clinics of North America</i> , 2021, 68, 727-742.	0.9	4
31	Ischemic stroke following elective craniotomy in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 355-362.	0.8	4
32	Pathologic deposition of non-amyloid immunoglobulin in the brain leading to mass effect and neurological deficits. <i>Journal of Clinical Neuroscience</i> , 2016, 30, 143-145.	0.8	3
33	Design, characterization and evaluation of a laser-guided focused ultrasound system for preclinical investigations. <i>BioMedical Engineering OnLine</i> , 2019, 18, 36.	1.3	3
34	Biomechanical comparison of translaminar screw versus pedicle screw supplementation of anterior femoral ring allografts in one-level lumbar spine fusion. <i>Bulletin of the NYU Hospital for Joint Diseases</i> , 2011, 69, 298-302.	0.7	3
35	Notice of Removal: Pulsed focused ultrasound effects on the brain interstitium. , 2017, , .		2
36	Syndromic Craniosynostosis. <i>Neurosurgery Clinics of North America</i> , 2022, 33, 105-112.	0.8	2

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37	Telemedicine in Neurosurgery and Artificial Intelligence Applications. <i>World Neurosurgery</i> , 2022, 163, 83-84.	0.7	2
38	Resident operative experience in pediatric neurosurgery across the United States. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 716-724.	0.8	1
39	Resection of a recurrent pineal region teratoma via a posterior interhemispheric transcallosal approach. <i>Neurosurgical Focus Video</i> , 2021, 5, V13.	0.1	1
40	Juvenile myelomonocytic leukemia presenting in an infant with a subdural hematoma. <i>Child's Nervous System</i> , 2021, 37, 2075-2079.	0.6	1
41	The Future of Clinical Trials in Traumatic Brain Injury. , 2018, , 247-256.		1
42	Solid-variant aneurysmal bone cysts in the craniofacial skeleton: the role of genomic analysis. <i>Child's Nervous System</i> , 2022, , 1.	0.6	1
43	The Molecular Pathology of Primary Brain Tumors. , 2013, 18, 210-220.		0
44	Novel Delivery Strategies. , 2017, , 193-216.		0
45	DRES-20. THE TNF RECEPTOR FAMILY MEMBER Fn14 IS HIGHLY EXPRESSED IN RECURRENT GLIOBLASTOMA (GBM) AND IN GBM PATIENT-DERIVED XENOGRAFTS WITH ACQUIRED TEMOZOLOMIDE RESISTANCE. <i>Neuro-Oncology</i> , 2018, 20, vi79-vi80.	0.6	0
46	Minimally invasive strip craniectomy for metopic craniosynostosis using a lighted retractor. <i>Neurosurgical Focus Video</i> , 2021, 4, V5.	0.1	0
47	Family-acquired photographs for the evaluation of pediatric head shape via telemedicine: an analysis of photograph quality. <i>Neurosurgical Focus</i> , 2022, 52, E11.	1.0	0
48	Hydrocephalus surveillance following CSF diversion: a modified Delphi study. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 177-187.	0.8	0