Lori A Shutter

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3060978/publications.pdf

Version: 2024-02-01

112 papers	11,057 citations	71061 41 h-index	31818 101 g-index
120 all docs	120 docs citations	120 times ranked	9423 citing authors

#	Article	IF	Citations
1	The Relationship Between Seizures and Spreading Depolarizations in Patients with Severe Traumatic Brain Injury. Neurocritical Care, 2022, 37, 31-48.	1.2	11
2	Brain Oxygen Optimization in Severe Traumatic Brain Injury (BOOST-3): a multicentre, randomised, blinded-endpoint, comparative effectiveness study of brain tissue oxygen and intracranial pressure monitoring versus intracranial pressure alone. BMJ Open, 2022, 12, e060188.	0.8	39
3	<scp>Ageâ€dependent</scp> white matter disruptions after military traumatic brain injury: Multivariate analysis results from <scp>ENIGMA</scp> brain injury. Human Brain Mapping, 2022, 43, 2653-2667.	1.9	6
4	Prolonged Automated Robotic TCD Monitoring in Acute Severe TBI: Study Design and Rationale. Neurocritical Care, 2022, , 1.	1.2	3
5	Effects of brain tissue oxygen (PbtO2) guided management on patient outcomes following severe traumatic brain injury: A systematic review and meta-analysis. Journal of Clinical Neuroscience, 2022, 99, 349-358.	0.8	16
6	Perceived utility of electrodiagnostic testing in critical illness myopathy and polyneuropathy: A survey of intensive care unit providers. Muscle and Nerve, 2022, , .	1.0	0
7	Management of moderate to severe traumatic brain injury: an update for the intensivist. Intensive Care Medicine, 2022, 48, 649-666.	3.9	57
8	Multifaceted Benefit of Whole Blood Versus Lactated Ringerâ€™s Resuscitation After Traumatic Brain Injury and Hemorrhagic Shock in Mice. Neurocritical Care, 2021, 34, 781-794.	1.2	4
9	How much oxygen for the injured brain â€“ can invasive parenchymal catheters help?. Current Opinion in Critical Care, 2021, 27, 95-102.	1.6	19
10	Adapting a Traumatic Brain Injury Goals-of-Care Decision Aid for Critically Ill Patients to Intracerebral Hemorrhage and Hemispheric Acute Ischemic Stroke. , 2021, 3, e0357.		13
11	Intentional Inclusion, Diversity, and Transparent Reporting in Critical Care Research*. Critical Care Medicine, 2021, 49, 1361-1362.	0.4	0
12	Paths to Successful Translation of New Therapies for Severe Traumatic Brain Injury in the Golden Age of Traumatic Brain Injury Research: A Pittsburgh Vision. Journal of Neurotrauma, 2020, 37, 2353-2371.	1.7	31
13	Prognostic Value of Spreading Depolarizations in Patients With Severe Traumatic Brain Injury. JAMA Neurology, 2020, 77, 489.	4.5	78
14	Neurocognitive markers of childhood abuse in individuals with PTSD: Findings from the INTRuST Clinical Consortium. Journal of Psychiatric Research, 2020, 121, 108-117.	1.5	7
15	Guidelines for the Management of Severe Traumatic Brain Injury: 2020 Update of the Decompressive Craniectomy Recommendations. Neurosurgery, 2020, 87, 427-434.	0.6	191
16	Response to Drs. Quintard, et al.. Neurocritical Care, 2020, 33, 615-616.	1.2	1
17	Contributions of posttraumatic stress disorder (PTSD) and mild TBI (mTBI) history to suicidality in the INTRuST consortium. Brain Injury, 2020, 34, 1339-1349.	0.6	3
18	Goals-of-care decision aid for critically ill patients with TBI. Neurology, 2020, 95, e179-e193.	1.5	24

#	Article	IF	Citations
19	Serum Neurosteroid Levels Are Associated With Cortical Thickness in Individuals Diagnosed With Posttraumatic Stress Disorder and History of Mild Traumatic Brain Injury. Clinical EEG and Neuroscience, 2020, 51, 285-299.	0.9	12
20	A management algorithm for adult patients with both brain oxygen and intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). Intensive Care Medicine, 2020, 46, 919-929.	3.9	207
21	Guidelines for the Acute Treatment of Cerebral Edema in Neurocritical Care Patients. Neurocritical Care, 2020, 32, 647-666.	1.2	187
22	An Algorithm for Automated, Noninvasive Detection of Cortical Spreading Depolarizations Based on EEG Simulations. IEEE Transactions on Biomedical Engineering, 2019, 66, 1115-1126.	2.5	14
23	A management algorithm for patients with intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). Intensive Care Medicine, 2019, 45, 1783-1794.	3.9	292
24	An interdisciplinary approach to inhospital stroke improves stroke detection and treatment time. Journal of NeuroInterventional Surgery, 2019, 11, 1080-1084.	2.0	16
25	Neurostereologic Lesion Volumes and Spreading Depolarizations in Severe Traumatic Brain Injury Patients: A Pilot Study. Neurocritical Care, 2019, 30, 557-568.	1.2	9
26	Reliability of the telemedicine examination in the neurologic diagnosis of death. Neurology: Clinical Practice, 2019, 11, 10.1212/CPJ.0000000000000798.	0.8	3
27	Associations between neuropsychiatric and health status outcomes in individuals with probable mTBI. Psychiatry Research, 2019, 272, 531-539.	1.7	9
28	DownstreamTRPM4Polymorphisms Are Associated with Intracranial Hypertension and Statistically Interact withABCC8Polymorphisms in a Prospective Cohort of Severe Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 1804-1817.	1.7	28
29	Seizures After Intracerebral Hemorrhage: Incidence, Risk Factors, and Impact on Mortality and Morbidity. World Neurosurgery, 2018, 112, e385-e392.	0.7	16
30	Regionally clustered ABCC8 polymorphisms in a prospective cohort predict cerebral oedema and outcome in severe traumatic brain injury. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1152-1162.	0.9	36
31	The Prevalence and Impact of Status Epilepticus Secondary to Intracerebral Hemorrhage: Results from the US Nationwide Inpatient Sample. Neurocritical Care, 2018, 28, 353-361.	1.2	6
32	Integrating Quantitative Pupillometry Into Regular Care in a Neurotrauma Intensive Care Unit. Journal of Neuroscience Nursing, 2018, 50, 30-36.	0.7	23
33	Multi-site harmonization of diffusion MRI data in a registration framework. Brain Imaging and Behavior, 2018, 12, 284-295.	1.1	83
34	White matter abnormalities in mild traumatic brain injury with and without post-traumatic stress disorder: a subject-specific diffusion tensor imaging study. Brain Imaging and Behavior, 2018, 12, 870-881.	1.1	44
35	The Present State of Neurointensivist Training in the United States: A Comparison to Other Critical Care Training Programs. Critical Care Medicine, 2018, 46, 307-315.	0.4	15
36	Should We Use the IMPACT-Model for the Outcome Prognostication of TBI Patients? A Qualitative Study Assessing Physiciansâ€™ Perceptions. MDM Policy and Practice, 2018, 3, 238146831875798.	0.5	12

#	Article	IF	Citations
37	Combined and Specialty Surgery. , 2018, , 447-455.		0
38	Vasopressor Infusion After Subarachnoid Hemorrhage Does Not Increase Regional Cerebral Tissue Oxygenation. Journal of Neuroscience Nursing, 2018, 50, 225-230.	0.7	6
39	Intracranial Pressure Trajectories: A Novel Approach to Informing Severe Traumatic Brain Injury Phenotypes*. Critical Care Medicine, 2018, 46, 1792-1802.	0.4	47
40	Physical Impairments Associated With Postâ€“Intensive Care Syndrome: Systematic Review Based on the World Health Organization's International Classification of Functioning, Disability and Health Framework. Physical Therapy, 2018, 98, 631-645.	1.1	103
41	Education Research: Variation in priorities for neurocritical care education expressed across role groups. Neurology, 2018, 90, 1117-1122.	1.5	5
42	Effect of neuromonitor-guided titrated care on brain tissue hypoxia after opioid overdose cardiac arrest. Resuscitation, 2018, 129, 121-126.	1.3	20
43	Recording, analysis, and interpretation of spreading depolarizations in neurointensive care: Review and recommendations of the COSBID research group. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1595-1625.	2.4	255
44	Guidelines for the Management of Severe Traumatic Brain Injury, Fourth Edition. Neurosurgery, 2017, 80, 6-15.	0.6	2,457
45	Sulfonylurea Receptor-1: A Novel Biomarker for Cerebral Edema in Severe Traumatic Brain Injury. Critical Care Medicine, 2017, 45, e255-e264.	0.4	46
46	Medical Training and the Brain Death Exam: A Single Institution's Experience. World Neurosurgery, 2017, 108, 374-378.	0.7	5
47	Brain Oxygen Optimization in Severe Traumatic Brain Injury Phase-II: A Phase II Randomized Trial*. Critical Care Medicine, 2017, 45, 1907-1914.	0.4	325
48	Early management of acute cerebrovascular accident. Current Opinion in Critical Care, 2017, 23, 556-560.	1.6	10
49	What Families Need and Physicians Deliver: Contrasting Communication Preferences Between Surrogate Decision-Makers and Physicians During Outcome Prognostication in Critically Ill TBI Patients. Neurocritical Care, 2017, 27, 154-162.	1.2	56
50	ABCC8 Single Nucleotide Polymorphisms are Associated with Cerebral Edema in Severe TBI. Neurocritical Care, 2017, 26, 213-224.	1.2	40
51	Neurologic complications of polytrauma. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2017, 141, 633-655.	1.0	3
52	Group-Based Trajectory Modeling of Suppression Ratio After Cardiac Arrest. Neurocritical Care, 2016, 25, 415-423.	1.2	41
53	Teaching Neuro Images : Severe vasospasm in traumatic brain injury. Neurology, 2016, 86, e132-3.	1.5	3
54	Intracranial Pressure Rescued by Decompressive Surgery after Traumatic Brain Injury. New England Journal of Medicine, 2016, 375, 1183-1184.	13.9	25

#	Article	IF	Citations
55	738: ABCC8 TAG SINGLE NUCLEOTIDE POLYMORPHISMS CORRELATE WITH EDEMA AND OUTCOME IN TRAUMATIC BRAIN INJURY. Critical Care Medicine, 2016, 44, 260-260.	0.4	2
56	Concordance of Brain and Core Temperature in Comatose Patients After Cardiac Arrest. Therapeutic Hypothermia and Temperature Management, 2016, 6, 194-197.	0.3	28
57	Risks and Benefits of Resumption of Anticoagulation Following Traumatic Brain Injury Remain Complex and Uncertain. JAMA Internal Medicine, 2015, 175, 866.	2.6	1
58	Decision Aids and Shared Decision-Making in Neurocritical Care: An Unmet Need in Our NeuroICUs. Neurocritical Care, 2015, 23, 127-130.	1.2	42
59	Update of Clinical Practice Guidelines for Brain Death Determination in an Academic Heath Center. Journal of Neuroscience Nursing, 2015, 47, 44-50.	0.7	2
60	Emergency Neurological Life Support: Pharmacotherapy. Neurocritical Care, 2015, 23, 48-68.	1.2	21
61	Fluid-Electrolyte Imbalances and Extracorporeal Therapy in the Neurosurgical Setting. , 2015, , 213-226.		0
62	Pathophysiology of brain death: What does the brain do and what is lost in brain death?. Journal of Critical Care, 2014, 29, 683-686.	1.0	3
63	Intermittent Versus Continuous Cerebrospinal Fluid Drainage Management in Adult Severe Traumatic Brain Injury: Assessment of Intracranial Pressure Burden. Neurocritical Care, 2014, 20, 49-53.	1.2	55
64	Ventriculostomy-Associated Infection: A New, Standardized Reporting Definition and Institutional Experience. Neurocritical Care, 2014, 21, 147-151.	1.2	32
65	Spreading depression in continuous electroencephalography of brain trauma. Annals of Neurology, 2014, 76, 681-694.	2.8	101
66	A trial of intracranial pressure monitoring in traumatic brain injury. Critical Care, 2014, 18, 302.	2.5	22
67	Inverse neurovascular coupling to cortical spreading depolarizations in severe brain trauma. Brain, 2014, 137, 2960-2972.	3.7	125
68	Treatment of Status Epilepticus: An International Survey of Experts. Neurocritical Care, 2013, 18, 193-200.	1.2	88
69	COSBID-M3: A Platform for Multimodal Monitoring, Data Collection, and Research in Neurocritical Care. , 2013, 115, 67-74.		8
70	Full-Band Electrocorticography of Spreading Depolarizations in Patients with Aneurysmal Subarachnoid Hemorrhage. Acta Neurochirurgica Supplementum, 2013, 115, 131-141.	0.5	23
71	Developing practice recommendations for endovascular revascularization for acute ischemic stroke. Neurology, 2012, 79, S243-55.	1.5	25
72	Effect of analgesics and sedatives on the occurrence of spreading depolarizations accompanying acute brain injury. Brain, 2012, 135, 2390-2398.	3.7	182

#	Article	IF	Citations
73	Glucose control in traumatic brain injury. Critical Care Medicine, 2012, 40, 1995-1996.	0.4	2
74	Initial EEG predicts outcomes in a trial of levetiracetam vs. fosphenytoin for seizure prevention. Epilepsy and Behavior, 2012, 23, 280-284.	0.9	33
75	Assessing the Clinical Needs for Point of Care Technologies in Neurologic Emergencies. Neurocritical Care, 2012, 17, 231-235.	1.2	3
76	Geographic Access to US Neurocritical Care Units Registered with the Neurocritical Care Society. Neurocritical Care, 2012, 16, 232-240.	1.2	36
77	Guidelines for the Evaluation and Management of Status Epilepticus. Neurocritical Care, 2012, 17, 3-23.	1.2	1,296
78	Micromachined lab-on-a-tube sensors for simultaneous brain temperature and cerebral blood flow measurements. Biomedical Microdevices, 2012, 14, 759-768.	1.4	16
79	Prediction of potential for organ donation after cardiac death in patients in neurocritical state: a prospective observational study. Lancet Neurology, The, 2012, 11, 414-419.	4.9	67
80	Brain temperature measurement: A study of in vitro accuracy and stability of smart catheter temperature sensors. Biomedical Microdevices, 2012, 14, 109-118.	1.4	17
81	Spreading depolarizations have prolonged direct current shifts and are associated with poor outcome in brain trauma. Brain, 2011, 134, 1529-1540.	3.7	166
82	Spreading depolarisations and outcome after traumatic brain injury: a prospective observational study. Lancet Neurology, The, 2011, 10, 1058-1064.	4.9	259
83	Critical Care Management of Patients Following Aneurysmal Subarachnoid Hemorrhage: Recommendations from the Neurocritical Care Societyâ€™s Multidisciplinary Consensus Conference. Neurocritical Care, 2011, 15, 211-40.	1.2	886
84	Smart catheter flow sensor for real-time continuous regional cerebral blood flow monitoring. Applied Physics Letters, 2011, 99, .	1.5	22
85	Management of Traumatic Brain Injury. Current Treatment Options in Neurology, 2010, 12, 142-154.	0.7	21
86	Prospective, Randomized, Single-Blinded Comparative Trial of Intravenous Levetiracetam Versus Phenytoin for Seizure Prophylaxis. Neurocritical Care, 2010, 12, 165-172.	1.2	258
87	Low cerebrospinal fluid and plasma orexin-A (hypocretin-1) concentrations in combat-related posttraumatic stress disorder. Psychoneuroendocrinology, 2010, 35, 1001-1007.	1.3	94
88	Dual-mode operation of flexible piezoelectric polymer diaphragm for intracranial pressure measurement. Applied Physics Letters, 2010, 96, .	1.5	60
89	Potential of a simple lab-on-a-tube for point-of-care measurements of multiple analytes. Lab on A Chip, 2010, 10, 1476.	3.1	22
90	Intracranial Dural Sinus Thrombosis: Novel Use of a Mechanical Thrombectomy Catheter and Review of Management Strategies. Clinical Medicine and Research, 2009, 7, 157-165.	0.4	23

#	Article	IF	Citations
91	Dopamine D2-Receptor-Mediated Increase in Vascular and Endothelial NOS Activity Ameliorates Cerebral Vasospasm After Subarachnoid Hemorrhage In Vitro. Neurocritical Care, 2009, 10, 225-231.	1.2	20
92	Toward real-time continuous brain glucose and oxygen monitoring with a smart catheter. Biosensors and Bioelectronics, 2009, 25, 173-178.	5.3	30
93	Predicting Outcomes of Traumatic Brain Injury by Imaging Modality and Injury Distribution. Journal of Neurotrauma, 2009, 26, 1183-1196.	1.7	127
94	A novel lab-on-a-tube for multimodality neuromonitoring of patients with traumatic brain injury (TBI). Lab on A Chip, 2009, 9, 1988.	3.1	49
95	A novel lab-on-a-tube for multimodal monitoring of patients with traumatic brain injury. , 2009, , .		2
96	Eligibility for the Surgical Trial in Intracerebral Hemorrhage II Study in a Population-based Cohort. Neurocritical Care, 2008, 9, 237-241.	1.2	4
97	Blood Pressure Management in Traumatic Brain Injury. Annals of Emergency Medicine, 2008, 51, S37-S38.	0.3	14
98	The impact of preinjury antiplatelet and anticoagulant pharmacotherapy on outcomes in elderly patients with hemorrhagic brain injury. Surgery, 2008, 144, 598-605.	1.0	114
99	I. Blood Pressure and Oxygenation. Journal of Neurotrauma, 2007, 24, S-7-S-13.	1.7	245
100	Diffusion-Weighted Magnetic Resonance Imaging Improves Outcome Prediction in Adult Traumatic Brain Injury. Journal of Neurotrauma, 2007, 24, 1558-1569.	1.7	68
101	X. Brain Oxygen Monitoring and Thresholds. Journal of Neurotrauma, 2007, 24, S-65-S-70.	1.7	142
102	Levetiracetam use in critically ill patients. Neurocritical Care, 2007, 7, 140-147.	1.2	56
103	Prognostic Role of Proton Magnetic Resonance Spectroscopy in Acute Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2006, 21, 334-349.	1.0	52
104	Prospective longitudinal proton magnetic resonance spectroscopic imaging in adult traumatic brain injury. Journal of Magnetic Resonance Imaging, 2006, 24, 33-40.	1.9	85
105	Proton MRS in Acute Traumatic Brain Injury: Role for Glutamate/Glutamine and Choline for Outcome Prediction. Journal of Neurotrauma, 2004, 21, 1693-1705.	1.7	124
106	Diffuse axonal injury in children: Clinical correlation with hemorrhagic lesions. Annals of Neurology, 2004, 56, 36-50.	2.8	310
107	Home Forced Use in an Outpatient Rehabilitation Program for Adults with Hemiplegia: A Pilot Study. Neurorehabilitation and Neural Repair, 2003, 17, 214-219.	1.4	40
108	Hemorrhagic Shearing Lesions in Children and Adolescents with Posttraumatic Diffuse Axonal Injury: Improved Detection and Initial Results. Radiology, 2003, 227, 332-339.	3.6	392

#	Article	IF	Citations
109	Letters to the editor. Muscle and Nerve, 1994, 17, 1350-1353.	1.0	6
110	Visual loss and a suprasellar mass complicated by pregnancy. Survey of Ophthalmology, 1993, 38, 63-69.	1.7	8
111	Concurrent Assessment of Muscle Activity (CAMA). Physical Therapy, 1986, 66, 218-224.	1.1	14
112	New Motor Assessment Scale Examined. Physical Therapy, 1985, 65, 1091-1096.	1.1	0