

Fabian Giza

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

2,090
citations

19
h-index

45
g-index

63
ext. papers

2,586
ext. citations

7.1
avg, IF

4.38
L-index

#	Paper	IF	Citations
56	Early parenteral nutrition evokes a phenotype of autophagy deficiency in liver and skeletal muscle of critically ill rabbits. <i>Endocrinology</i> , 2012 , 153, 2267-76	4.8	614
55	Effect of tolerating macronutrient deficit on the development of intensive-care unit acquired weakness: a subanalysis of the EPaNIC trial. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 621-629	35.1	190
54	Insufficient activation of autophagy allows cellular damage to accumulate in critically ill patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E633-45	5.6	148
53	Visualizing the pressure and time burden of intracranial hypertension in adult and paediatric traumatic brain injury. <i>Intensive Care Medicine</i> , 2015 , 41, 1067-76	14.5	122
52	Pressure autoregulation monitoring and cerebral perfusion pressure target recommendation in patients with severe traumatic brain injury based on minute-by-minute monitoring data. <i>Journal of Neurosurgery</i> , 2014 , 120, 1451-7	3.2	101
51	Impact of early parenteral nutrition on muscle and adipose tissue compartments during critical illness. <i>Critical Care Medicine</i> , 2013 , 41, 2298-309	1.4	96
50	Muscle atrophy and preferential loss of myosin in prolonged critically ill patients. <i>Critical Care Medicine</i> , 2012 , 40, 79-89	1.4	86
49	AKIpredictor, an online prognostic calculator for acute kidney injury in adult critically ill patients: development, validation and comparison to serum neutrophil gelatinase-associated lipocalin. <i>Intensive Care Medicine</i> , 2017 , 43, 764-773	14.5	70
48	Machine learning techniques to examine large patient databases. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2009 , 23, 127-43	4	69
47	Novel methods to predict increased intracranial pressure during intensive care and long-term neurologic outcome after traumatic brain injury: development and validation in a multicenter dataset. <i>Critical Care Medicine</i> , 2013 , 41, 554-64	1.4	61
46	Mining data from intensive care patients. <i>Advanced Engineering Informatics</i> , 2007 , 21, 243-256	7.4	54
45	Reduced nocturnal ACTH-driven cortisol secretion during critical illness. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E883-92	6	43
44	Impact of hyperglycemia on neuropathological alterations during critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 2113-23	5.6	38
43	Long-term developmental effects of withholding parenteral nutrition for 1 week in the paediatric intensive care unit: a 2-year follow-up of the PEPaNIC international, randomised, controlled trial. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 141-153	35.1	38
42	Premorbid obesity, but not nutrition, prevents critical illness-induced muscle wasting and weakness. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017 , 8, 89-101	10.3	32
41	Cerebral Perfusion Pressure Insults and Associations with Outcome in Adult Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017 , 34, 2425-2431	5.4	29
40	Machine learning versus physicians prediction of acute kidney injury in critically ill adults: a prospective evaluation of the AKIpredictor. <i>Critical Care</i> , 2019 , 23, 282	10.8	29

39	Computerized prediction of intensive care unit discharge after cardiac surgery: development and validation of a Gaussian processes model. <i>BMC Medical Informatics and Decision Making</i> , 2011 , 11, 64	3.6	24
38	Drug-induced HPA axis alterations during acute critical illness: a multivariable association study. <i>Clinical Endocrinology</i> , 2017 , 86, 26-36	3.4	19
37	The Hepatic Glucocorticoid Receptor Is Crucial for Cortisol Homeostasis and Sepsis Survival in Humans and Male Mice. <i>Endocrinology</i> , 2018 , 159, 2790-2802	4.8	19
36	Effect of early parenteral nutrition during paediatric critical illness on DNA methylation as a potential mediator of impaired neurocognitive development: a pre-planned secondary analysis of the PEPaNIC international randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 288-303	35.1	18
35	Contribution of nutritional deficit to the pathogenesis of the nonthyroidal illness syndrome in critical illness: a rabbit model study. <i>Endocrinology</i> , 2012 , 153, 973-84	4.8	18
34	Long-term developmental effect of withholding parenteral nutrition in paediatric intensive care units: a 4-year follow-up of the PEPaNIC randomised controlled trial. <i>The Lancet Child and Adolescent Health</i> , 2020 , 4, 503-514	14.5	16
33	Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study. <i>PLoS ONE</i> , 2020 , 15, e0243427	3.7	14
32	Critical illness induces nutrient-independent adipogenesis and accumulation of alternatively activated tissue macrophages. <i>Critical Care</i> , 2013 , 17, R193	10.8	13
31	Early Detection of Increased Intracranial Pressure Episodes in Traumatic Brain Injury: External Validation in an Adult and in a Pediatric Cohort. <i>Critical Care Medicine</i> , 2017 , 45, e316-e320	1.4	12
30	On the Role of Illness Duration and Nutrient Restriction in Cholestatic Alterations that Occur During Critical Illness. <i>Shock</i> , 2018 , 50, 187-198	3.4	10
29	Anterior pituitary morphology and hormone production during sustained critical illness in a rabbit model. <i>Hormone and Metabolic Research</i> , 2013 , 45, 277-82	3.1	8
28	Endoplasmic reticulum stress actively suppresses hepatic molecular identity in damaged liver. <i>Molecular Systems Biology</i> , 2020 , 16, e9156	12.2	8
27	Visualizing Cerebrovascular Autoregulation Insults and Their Association with Outcome in Adult and Paediatric Traumatic Brain Injury. <i>Acta Neurochirurgica Supplementum</i> , 2018 , 126, 291-295	1.7	8
26	Can Optimal Cerebral Perfusion Pressure in Patients with Severe Traumatic Brain Injury Be Calculated Based on Minute-by-Minute Data Monitoring?. <i>Acta Neurochirurgica Supplementum</i> , 2016 , 122, 245-8	1.7	8
25	Performance of Pediatric Mortality Prediction Scores for PICU Mortality and 90-Day Mortality. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 113-119	3	7
24	Predictive data mining on monitoring data from the intensive care unit. <i>Journal of Clinical Monitoring and Computing</i> , 2013 , 27, 449-53	2	7
23	Prevalence and Prognostic Value of Abnormal Liver Test Results in Critically Ill Children and the Impact of Delaying Parenteral Nutrition. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 1120-1129	3	7
22	What Do We Mean by Cerebral Perfusion Pressure?. <i>Acta Neurochirurgica Supplementum</i> , 2018 , 126, 201-203	2.3	5

21	Visualising the pressure-time burden of elevated intracranial pressure after severe traumatic brain injury: a retrospective confirmatory study. <i>British Journal of Anaesthesia</i> , 2021 , 126, e15-e17	5.4	5
20	Health-related quality of life of children and their parents 2 years after critical illness: pre-planned follow-up of the PEPaNIC international, randomized, controlled trial. <i>Critical Care</i> , 2020 , 24, 347	10.8	4
19	Increasing glucose load while maintaining normoglycemia does not evoke neuronal damage in prolonged critically ill rabbits. <i>Clinical Nutrition</i> , 2013 , 32, 1077-80	5.9	4
18	Monitoring of Intracranial Pressure in Meningitis. <i>Acta Neurochirurgica Supplementum</i> , 2016 , 122, 101-4	1.7	4
17	Continuous Optimal CPP Based on Minute-by-Minute Monitoring Data: A Study of a Pediatric Population. <i>Acta Neurochirurgica Supplementum</i> , 2016 , 122, 187-91	1.7	4
16	Association of Dose of Intracranial Hypertension with Outcome in Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2021 , 34, 722-730	3.3	4
15	Role of age of critically ill children at time of exposure to early or late parenteral nutrition in determining the impact hereof on long-term neurocognitive development: A secondary analysis of the PEPaNIC-RCT. <i>Clinical Nutrition</i> , 2021 , 40, 1005-1012	5.9	4
14	Prediction model for intracranial hypertension demonstrates robust performance during external validation on the CENTER-TBI dataset. <i>Intensive Care Medicine</i> , 2021 , 47, 124-126	14.5	4
13	Time course of altered DNA methylation evoked by critical illness and by early administration of parenteral nutrition in the paediatric ICU. <i>Clinical Epigenetics</i> , 2020 , 12, 155	7.7	3
12	Maternal and placental responses before preterm birth: adaptations to increase fetal thyroid hormone availability?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 2746-2757	2	3
11	Phasing out DEHP from plastic indwelling medical devices used for intensive care: Does it reduce the long-term attention deficit of critically ill children?. <i>Environment International</i> , 2021 , 158, 106962	12.9	2
10	Near-Infrared-Based Cerebral Oximetry for Prediction of Severe Acute Kidney Injury in Critically Ill Children After Cardiac Surgery 2019 , 1, e0063		2
9	C-reactive protein rise in response to macronutrient deficit early in critical illness: sign of inflammation or mediator of infection prevention and recovery. <i>Intensive Care Medicine</i> , 2021 , 48, 25	14.5	1
8	Cerebral Perfusion Pressure Variability Between Patients and Between Centres. <i>Acta Neurochirurgica Supplementum</i> , 2018 , 126, 3-6	1.7	1
7	Differential DNA methylation by early versus late parenteral nutrition in the PICU: a biological basis for its impact on emotional and behavioral problems documented 4 years later. <i>Clinical Epigenetics</i> , 2021 , 13, 146	7.7	1
6	Visualization of Intracranial Pressure Insults After Severe Traumatic Brain Injury: Influence of Individualized Limits of Reactivity. <i>Acta Neurochirurgica Supplementum</i> , 2021 , 131, 7-10	1.7	0
5	Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study 2020 , 15, e0243427		
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- 3 Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study **2020**, 15, e0243427
- 2 Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study **2020**, 15, e0243427
- 1 External validation of the AKIpredictor in critically ill adults.. *Intensive Care Medicine*, **2022**, 14.5