

# Fabian GÃ¼liza

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,953  
citations

257101

24  
h-index

168136

53  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4868  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Parenteral Nutrition Evokes a Phenotype of Autophagy Deficiency in Liver and Skeletal Muscle of Critically Ill Rabbits. <i>Endocrinology</i> , 2012, 153, 2267-2276.	1.4	672
2	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> , the, 2013, 1, 621-629.	5.2	255
3	Visualizing the pressure and time burden of intracranial hypertension in adult and paediatric traumatic brain injury. <i>Intensive Care Medicine</i> , 2015, 41, 1067-1076.	3.9	203
4	Insufficient Activation of Autophagy Allows Cellular Damage to Accumulate in Critically Ill Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E633-E645.	1.8	185
5	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, 1451-1457.	0.9	132
6	Impact of Early Parenteral Nutrition on Muscle and Adipose Tissue Compartments During Critical Illness*. <i>Critical Care Medicine</i> , 2013, 41, 2298-2309.	0.4	123
7	AKI predictor, 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.	3.9	122
8	Muscle atrophy and preferential loss of myosin in prolonged critically ill patients*. <i>Critical Care Medicine</i> , 2012, 40, 79-89.	0.4	115
9	Novel Methods to Predict Increased Intracranial Pressure During Intensive Care and Long-Term Neurologic Outcome After Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2013, 41, 554-564.	0.4	84
10	Machine learning techniques to examine large patient databases. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2009, 23, 127-143.	1.7	78
11	Mining data from intensive care patients. <i>Advanced Engineering Informatics</i> , 2007, 21, 243-256.	4.0	70
12	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> , the, 2019, 7, 141-153.	5.2	66
13	Reduced nocturnal ACTH-driven cortisol secretion during critical illness. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E883-E892.	1.8	62
14	Machine learning versus physicians'™ prediction of acute kidney injury in critically ill adults: a prospective evaluation of the AKI predictor. <i>Critical Care</i> , 2019, 23, 282.	2.5	61
15	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.	1.1	58
16	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.	2.9	55
17	Impact of Hyperglycemia on Neuropathological Alterations during Critical Illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2113-2123.	1.8	53
18	Cerebral Perfusion Pressure Insults and Associations with Outcome in Adult Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2425-2431.	1.7	46

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19	The Hepatic Glucocorticoid Receptor Is Crucial for Cortisol Homeostasis and Sepsis Survival in Humans and Male Mice. <i>Endocrinology</i> , 2018, 159, 2790-2802.	1.4	43
20	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.	2.7	39
21	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.	5.2	33
22	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.	1.5	29
23	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.	0.4	27
24	Drug-induced HPA axis alterations during acute critical illness: a multivariable association study. <i>Clinical Endocrinology</i> , 2017, 86, 26-36.	1.2	26
25	Endoplasmic reticulum stress actively suppresses hepatic molecular identity in damaged liver. <i>Molecular Systems Biology</i> , 2020, 16, e9156.	3.2	22
26	Association of Dose of Intracranial Hypertension with Outcome in Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2021, 34, 722-730.	1.2	21
27	Contribution of Nutritional Deficit to the Pathogenesis of the Nonthyroidal Illness Syndrome in Critical Illness: A Rabbit Model Study. <i>Endocrinology</i> , 2012, 153, 973-984.	1.4	19
28	Critical illness induces nutrient-independent adipogenesis and accumulation of alternatively activated tissue macrophages. <i>Critical Care</i> , 2013, 17, R193.	2.5	18
29	On the Role of Illness Duration and Nutrient Restriction in Cholestatic Alterations that Occur During Critical Illness. <i>Shock</i> , 2018, 50, 187-198.	1.0	18
30	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, 245-248.	0.5	15
31	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.	2.3	15
32	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.	1.5	14
33	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.	0.5	14
34	Performance of Pediatric Mortality Prediction Scores for PICU Mortality and 90-Day Mortality*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 113-119.	0.2	13
35	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.	1.8	11
36	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.	2.5	11

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37	Physical, Emotional/Behavioral, and Neurocognitive Developmental Outcomes From 2 to 4 Years After PICU Admission: A Secondary Analysis of the Early Versus Late Parenteral Nutrition Randomized Controlled Trial Cohort*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 580-592.	0.2	11
38	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.	3.9	10
39	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.	0.2	9
40	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> , 2022, 158, 106962.	4.8	9
41	DNA methylation alterations in muscle of critically ill patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1731-1740.	2.9	9
42	Predictive data mining on monitoring data from the intensive care unit. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 449-453.	0.7	8
43	Anterior Pituitary Morphology and Hormone Production During Sustained Critical Illness in a Rabbit Model. <i>Hormone and Metabolic Research</i> , 2013, 45, 277-282.	0.7	8
44	What Do We Mean by Cerebral Perfusion Pressure?. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 201-203.	0.5	8
45	Differential DNA methylation by early versus late parenteral nutrition in the PICU: a biological basis for its impact on emotional and behavioral problems documented 4Âyears later. <i>Clinical Epigenetics</i> , 2021, 13, 146.	1.8	8
46	Monitoring of Intracranial Pressure in Meningitis. <i>Acta Neurochirurgica Supplementum</i> , 2016, 122, 101-104.	0.5	8
47	Continuous Optimal CPP Based on Minute-by-Minute Monitoring Data: A Study of a Pediatric Population. <i>Acta Neurochirurgica Supplementum</i> , 2016, 122, 187-191.	0.5	8
48	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> , 2022, 48, 25-35.	3.9	8
49	Increasing glucose load while maintaining normoglycemia does not evoke neuronal damage in prolonged critically ill rabbits. <i>Clinical Nutrition</i> , 2013, 32, 1077-1080.	2.3	5
50	Near-Infraredâ€Based Cerebral Oximetry for Prediction of Severe Acute Kidney Injury in Critically Ill Children After Cardiac Surgery. , 2019, 1, e0063.		5
51	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.	0.7	5
52	Outcome prediction after moderate and severe traumatic brain injury. <i>Critical Care Medicine</i> , 2012, 40, 1685-1686.	0.4	2
53	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.	0.5	2
54	Cerebral Perfusion Pressure Variability Between Patients and Between Centres. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 3-6.	0.5	1

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55	Development and validation of clinical prediction models for acute kidney injury recovery at hospital discharge in critically ill adults. <i>Journal of Clinical Monitoring and Computing</i> , 2023, 37, 113-125.	0.7	1
56	Insufficient Activation of Autophagy Allows Cellular Damage to Accumulate in Critically Ill Patients. <i>Endocrinology</i> , 2011, 152, 1194-1194.	1.4	0
57	Automated detection and classification of nuclei in immunohistochemical stainings for Fuchs' endothelial corneal dystrophy. , 0, , .		0
58	Title is missing!. , 2020, 15, e0243427.		0
59	Title is missing!. , 2020, 15, e0243427.		0
60	Title is missing!. , 2020, 15, e0243427.		0
61	Title is missing!. , 2020, 15, e0243427.		0
62	External validation of the AKIpredictor in critically ill adults. <i>Intensive Care Medicine</i> , 2022, , .	3.9	0