

# Mathieu Raux

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,244  
citations

304743

22  
h-index

361022

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postoperative Admission to a Dedicated Geriatric Unit Decreases Mortality in Elderly Patients with Hip Fracture. PLoS ONE, 2014, 9, e83795.	2.5	152
2	Retrospective Observational Study of Brain MRI Findings in Patients with Acute SARS-CoV-2 Infection and Neurologic Manifestations. Radiology, 2020, 297, E313-E323.	7.3	131
3	Electroencephalographic evidence for pre-motor cortex activation during inspiratory loading in humans. Journal of Physiology, 2007, 578, 569-578.	2.9	105
4	Comparison of the Prognostic Significance of Initial Blood Lactate and Base Deficit in Trauma Patients. Anesthesiology, 2017, 126, 522-533.	2.5	55
5	Functional magnetic resonance imaging suggests automatization of the cortical response to inspiratory threshold loading in humans. Respiratory Physiology and Neurobiology, 2013, 189, 571-580.	1.6	53
6	Development and validation of a pre-hospital "Red Flag" alert for activation of intra-hospital haemorrhage control response in blunt trauma. Critical Care, 2018, 22, 113.	5.8	50
7	Cortical drive to breathe in amyotrophic lateral sclerosis: a dyspnoea-worsening defence?. European Respiratory Journal, 2016, 47, 1818-1828.	6.7	49
8	Severe COVID-19-related encephalitis can respond to immunotherapy. Brain, 2020, 143, e102-e102.	7.6	48
9	Does the Supplementary Motor Area Keep Patients with Ondine's Curse Syndrome Breathing While Awake?. PLoS ONE, 2014, 9, e84534.	2.5	44
10	The Supplementary Motor Area Exerts a Tonic Excitatory Influence on Corticospinal Projections to Phrenic Motoneurons in Awake Humans. PLoS ONE, 2013, 8, e62258.	2.5	44
11	Comparison of respiratory rate and peripheral oxygen saturation to assess severity in trauma patients. Intensive Care Medicine, 2006, 32, 405-412.	8.2	40
12	Association of Clinical, Biological, and Brain Magnetic Resonance Imaging Findings With Electroencephalographic Findings for Patients With COVID-19. JAMA Network Open, 2021, 4, e211489.	5.9	38
13	Cortical Drive to Breathe during Wakefulness in Patients with Obstructive Sleep Apnea Syndrome. Sleep, 2015, 38, 1743-1749.	1.1	36
14	Neurophysiological Evidence for a Cortical Contribution to the Wakefulness-Related Drive to Breathe Explaining Hypocapnia-Resistant Ventilation in Humans. Journal of Neuroscience, 2016, 36, 10673-10682.	3.6	35
15	Evolution and organisation of trauma systems. Anaesthesia, Critical Care & Pain Medicine, 2019, 38, 161-167.	1.4	34
16	Analysis of the medical response to November 2015 Paris terrorist attacks: resource utilization according to the cause of injury. Intensive Care Medicine, 2019, 45, 1231-1240.	8.2	33
17	Facilitatory conditioning of the supplementary motor area in humans enhances the corticophrenic responsiveness to transcranial magnetic stimulation. Journal of Applied Physiology, 2010, 108, 39-46.	2.5	32
18	Pressure ulcers are associated with 6-month mortality in elderly patients with hip fracture managed in orthogeriatric care pathway. Archives of Osteoporosis, 2017, 12, 77.	2.4	29

#	ARTICLE	IF	CITATIONS
19	Sustained preinspiratory cortical potentials during prolonged inspiratory threshold loading in humans. <i>Journal of Applied Physiology</i> , 2010, 108, 1127-1133.	2.5	27
20	Electroencephalographic evidence for a respiratory-related cortical activity specific of the preparation of prephonatory breaths. <i>Respiratory Physiology and Neurobiology</i> , 2014, 204, 64-70.	1.6	26
21	Inspiratory resistances facilitate the diaphragm response to transcranial stimulation in humans. <i>BMC Physiology</i> , 2006, 6, 7.	3.6	23
22	Expiratory load compensation is associated with electroencephalographic premotor potentials in humans. <i>Journal of Applied Physiology</i> , 2015, 118, 1023-1030.	2.5	23
23	Case Scenario: Anesthetic Implications of Restless Legs Syndrome. <i>Anesthesiology</i> , 2010, 112, 1511-1517.	2.5	22
24	CT scan and Diagnostic Peritoneal Lavage: towards a better diagnosis in the area of nonoperative management of blunt abdominal trauma. <i>Injury</i> , 2016, 47, 2006-2011.	1.7	20
25	Retrospective Evaluation of a Restrictive Transfusion Strategy in Older Adults with Hip Fracture. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1151-1157.	2.6	18
26	Association between Cognitive Status before Surgery and Outcomes in Elderly Patients with Hip Fracture in a Dedicated Orthogeriatric Care Pathway. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 145-156.	2.6	17
27	Surgical management of penetrating thoracic injuries during the Paris attacks on 13 November 2015. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 1195-1202.	1.4	12
28	Shortage of sedatives and neuromuscular blockers during COVID-19 pandemic: The result of an overstocking procedure in French hospitals?. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2020, 39, 585-586.	1.4	10
29	Blood product needs and transfusion timelines for the multisite massive Paris 2015 terrorist attack: A retrospective analysis. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 496-504.	2.1	10
30	Reduced Phrenic Motoneuron Recruitment during Sustained Inspiratory Threshold Loading Compared to Single-Breath Loading: A Twitch Interpolation Study. <i>Frontiers in Physiology</i> , 2016, 7, 537.	2.8	8
31	Assessment of the mass casualty triage during the November 2015 Paris area terrorist attacks: towards a simple triage rule. <i>European Journal of Emergency Medicine</i> , 2021, 28, 136-143.	1.1	8
32	Intrahospital trauma flowcharts " Cognitive aids for intrahospital trauma management from the French Society of Anaesthesia and Intensive Care Medicine (SFAR) and the French Society of Emergency Medicine (SFMU). <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2022, 41, 101069.	1.4	5
33	Brain Biopsy for Neurological Diseases of Unknown Etiology in Critically Ill Patients: Feasibility, Safety, and Diagnostic Yield. <i>Critical Care Medicine</i> , 2022, 50, e516-e525.	0.9	4
34	La commande centrale de la ventilation. <i>Anesth&amp;osie &amp; R&amp;animation</i> , 2018, 4, 130-133.	0.1	1
35	Depacked patients who underwent a shortened perihepatic packing for severe blunt liver trauma have a high survival rate: 20 years of experience in a level I trauma center. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2022, 20, e20-e25.	1.8	1
36	From descriptive epidemiology to interventional epidemiology: The central role of epidemiologists in COVID-19 crisis management. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2022, 41, 101056.	1.4	1

#	ARTICLE	IF	CITATIONS
37	Complications respiratoires postopératoires. Journal Européen Des Urgences Et De Reanimation, 2016, 28, 209-215.	0.1	0
38	Complications respiratoires postopératoires. Praticien En Anesthésie Reanimation, 2016, 20, 66-72.	0.0	0
39	Response to "Are fluids resuscitation the "Keyser Soze" of acute kidney injury in trauma patients?" Critical Care, 2019, 23, 59.	5.8	0
40	Terror in Paris: Incidence and risk factors for infections related to high-energy ammunition injuries. Anaesthesia, Critical Care & Pain Medicine, 2021, 40, 100908.	1.4	0
41	Management of the injured bowel: preserving bowel continuity as a gold standard. BMC Surgery, 2021, 21, 339.	1.3	0