Benjamin Rohaut

List of Publications by Year
in descending order

88 papers	4,830 citations	157969 29 h-index	103468 64 g-index
106 all docs	106 docs citations	106 times ranked	4467 citing authors

#	Article	IF	Citations
1	Contentâ€“state dimensions characterize different types of neuronal markers of consciousness. Neuroscience of Consciousness, 2024, 2024, .	3.0	0
2	Cognitive Motor Dissociation in Disorders of Consciousness. New England Journal of Medicine, 2024, 391, 598-608.	29.7	1
3	Pain anticipation is a new behavioural sign of minimally conscious state. Brain Communications, 2024, 6, .	3.4	0
4	â€œDoC DoCâ€• your attention please!. Clinical Neurophysiology, 2023, 145, 106-107.	2.0	1
5	Illusion of knowledge in statistics among clinicians: evaluating the alignment between objective accuracy and subjective confidence, an online survey. Cognitive Research: Principles and Implications, 2023, 8, .	2.2	5
6	How will tomorrowâ€™s algorithms fuse multimodal data? The example of the neuroprognosis in Intensive Care. Anaesthesia, Critical Care & Pain Medicine, 2023, 42, 101301.	1.6	0
7	Disorders of Consciousness: navigating between nihilism and unrealistic hopes. Presse Medicale, 2023, 52, 104182.	2.0	0
8	Heuristics and biases in medical decision-making under uncertainty: The case of neuropronostication for consciousness disorders. Presse Medicale, 2023, 52, 104181.	2.0	2
9	Does adding beer to coffee enhance the activation of drinks? An ERP study of semantic category priming. Cognitive Neuroscience, 2022, 13, 61-76.	1.9	1
10	Serum neuronâ€specific enolase: a new tool for seizure risk monitoring after status epilepticus. European Journal of Neurology, 2022, 29, 883-889.	3.5	9
11	Endothelial cell biomarkers in critically ill COVIDâ€19 patients with encephalitis. Journal of Neurochemistry, 2022, 161, 492-505.	4.0	15
12	Intravenous immunoglobulins in patients with COVID-19-associated moderate-to-severe acute respiratory distress syndrome (ICAR): multicentre, double-blind, placebo-controlled, phase 3 trial. Lancet Respiratory Medicine,the, 2022, 10, 158-166.	10.3	41
13	Brain Biopsy for Neurological Diseases of Unknown Etiology in Critically Ill Patients: Feasibility, Safety, and Diagnostic Yield. Critical Care Medicine, 2022, 50, e516-e525.	0.9	7
14	Shaping the future of neurocritical care in France. Revue Neurologique, 2022, 178, 7-8.	0.8	2
15	Toward a coherent structuration of disorders of consciousness expertise at a country scale: A proposal for France. Revue Neurologique, 2022, 178, 9-20.	0.8	10
16	Hypnotic Induction of Deafness to Elementary Sounds: An Electroencephalography Case-Study and a Proposed Cognitive and Neural Scenario. Frontiers in Neuroscience, 2022, 16, 756651.	2.9	4
17	Ethics Priorities of the Curing Coma Campaign: An Empirical Survey. Neurocritical Care, 2022, 37, 12-21.	2.6	10
18	Nicotine patches in patients on mechanical ventilation for severe COVID-19: a randomized, double-blind, placebo-controlled, multicentre trial. Intensive Care Medicine, 2022, 48, 876-887.	8.2	12

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19	Clinico-biological markers for the prognosis of status epilepticus in adults. Journal of Neurology, 2022, 269, 5868-5882.	3.8	9
20	Cognitive-motor dissociation and time to functional recovery in patients with acute brain injury in the USA: a prospective observational cohort study. Lancet Neurology, The, 2022, 21, 704-713.	10.3	64
21	Older patients with COVIDâ€19 and neuropsychiatric conditions: A study of risk factors for mortality. Brain and Behavior, 2022, 12, .	2.3	1
22	Coronavirus disease 2019 crisis in Paris: A differential psychological impact between regular intensive care unit staff members and reinforcement workers. Australian Critical Care, 2021, 34, 142-145.	1.4	19
23	Therapeutic plasma exchange in a critically ill Covidâ€19 patient. Journal of Clinical Apheresis, 2021, 36, 179-182.	1.2	9
24	The wide spectrum of COVID-19 neuropsychiatric complications within a multidisciplinary centre. Brain Communications, 2021, 3, fcab135.	3.4	18
25	Multimodal FDG-PET and EEG assessment improves diagnosis and prognostication of disorders of consciousness. NeuroImage: Clinical, 2021, 30, 102601.	2.8	34
26	Valproic Acid as an Adjuvant Treatment for Generalized Convulsive Status Epilepticus in Adults Admitted to Intensive Care Units: Protocol for a Double-Blind, Multicenter Randomized Controlled Trial. JMIR Research Protocols, 2021, 10, e22511.	1.0	3
27	Association of Clinical, Biological, and Brain Magnetic Resonance Imaging Findings With Electroencephalographic Findings for Patients With COVID-19. JAMA Network Open, 2021, 4, e211489.	6.0	40
28	Comparison of Corticosteroid Tapering Regimens in Myasthenia Gravis. JAMA Neurology, 2021, 78, 426.	9.3	27
29	Not all patients with convulsive status epilepticus intubated in pre-hospital settings meet the criteria for refractory status epilepticus. Seizure: the Journal of the British Epilepsy Association, 2021, 88, 29-35.	2.0	12
30	Electrocerebral Signature of Cardiac Death. Neurocritical Care, 2021, 35, 853-861.	2.6	16
31	A Precision Medicine Framework for Classifying Patients with Disorders of Consciousness: Advanced Classification of Consciousness Endotypes (ACCESS). Neurocritical Care, 2021, 35, 27-36.	2.6	46
32	Home-based exercise in autoimmune myasthenia gravis: A randomized controlled trial. Neuromuscular Disorders, 2021, 31, 726-735.	0.7	9
33	Benefits and risks of noninvasive oxygenation strategy in COVID-19: a multicenter, prospective cohort study (COVID-ICU) in 137 hospitals. Critical Care, 2021, 25, 421.	6.0	35
34	Predicting 90-day survival of patients with COVID-19: Survival of Severely Ill COVID (SOSIC) scores. Annals of Intensive Care, 2021, 11, 170.	4.8	12
35	Importance, limits and caveats of the use of â€œdisorders of consciousnessâ€•to theorize consciousness. Neuroscience of Consciousness, 2021, 2021, niab048.	3.0	13
36	Brainstem dysfunction in critically ill patients. Critical Care, 2020, 24, 5.	6.0	74

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37	Severe COVID-19-related encephalitis can respond to immunotherapy. Brain, 2020, 143, e102-e102.	8.0	53
38	Neuroprognostication of Consciousness Recovery in a Patient with COVID-19 Related Encephalitis: Preliminary Findings from a Multimodal Approach. Brain Sciences, 2020, 10, 845.	2.4	16
39	COVIDâ€19â€related encephalopathy: a case series with brain FDGâ€positronâ€emission tomography/computed tomography findings. European Journal of Neurology, 2020, 27, 2651-2657.	3.5	137
40	The Curing Coma Campaign: Framing Initial Scientific Challengesâ€”Proceedings of the First Curing Coma Campaign Scientific Advisory Council Meeting. Neurocritical Care, 2020, 33, 1-12.	2.6	93
41	Combined behavioral and electrophysiological evidence for a direct cortical effect of prefrontal tDCS on disorders of consciousness. Scientific Reports, 2020, 10, 4323.	3.4	59
42	Habituation of auditory startle reflex is a new sign of minimally conscious state. Brain, 2020, 143, 2154-2172.	8.0	31
43	Orbitofrontal involvement in a neuroCOVIDâ€19 patient. Epilepsia, 2020, 61, e90-e94.	4.6	65
44	European Academy of Neurology guideline on the diagnosis of coma and other disorders of consciousness. European Journal of Neurology, 2020, 27, 741-756.	3.5	419
45	Auditory Event-Related â€œGlobal Effectâ€•Predicts Recovery of Overt Consciousness. Frontiers in Neurology, 2020, 11, 588233.	2.5	18
46	Early abolition of cough reflex predicts mortality in deeply sedated brain-injured patients. PeerJ, 2020, 8, e10326.	2.0	1
47	Detection of Brain Activation in Unresponsive Patients with Acute Brain Injury. New England Journal of Medicine, 2019, 380, 2497-2505.	29.7	359
48	Uncovering Consciousness in Unresponsive ICU Patients: Technical, Medical and Ethical Considerations. Annual Update in Intensive Care and Emergency Medicine, 2019, , 431-446.	0.0	0
49	Uncovering Consciousness in Unresponsive ICU Patients: Technical, Medical and Ethical Considerations. Critical Care, 2019, 23, 78.	6.0	45
50	Deep structural brain lesions associated with consciousness impairment early after hemorrhagic stroke. Scientific Reports, 2019, 9, 4174.	3.4	21
51	Wisdom of the caregivers: pooling individual subjective reports to diagnose states of consciousness in brain-injured patients, a monocentric prospective study. BMJ Open, 2019, 9, e026211.	2.1	21
52	Human consciousness is supported by dynamic complex patterns of brain signal coordination. Science Advances, 2019, 5, eaat7603.	10.8	344
53	Re: â€˜Determinants of in-hospital antibiotic prescription behaviourâ€™ by Lambregts et al.. Clinical Microbiology and Infection, 2019, 25, 635-637.	6.4	7
54	Use of brain diffusion tensor imaging for the prediction of long-term neurological outcomes in patients after cardiac arrest: a multicentre, international, prospective, observational, cohort study. Lancet Neurology, The, 2018, 17, 317-326.	10.3	134

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55	Decision making in perceived devastating brain injury: a call to explore the impact of cognitive biases. British Journal of Anaesthesia, 2018, 120, 5-9.	3.3	47
56	Survival and consciousness recovery are better in the minimally conscious state than in the vegetative state. Brain Injury, 2018, 32, 72-77.	1.2	71
57	Mismatch negativity to predict subsequent awakening in deeply sedated critically ill patients. British Journal of Anaesthesia, 2018, 121, 1290-1297.	3.3	19
58	Early myoclonus following anoxic brain injury. Neurology: Clinical Practice, 2018, 8, 249-256.	1.7	22
59	Recommendations for the use of electroencephalography and evoked potentials in comatose patients. Neurophysiologie Clinique, 2018, 48, 143-169.	2.4	82
60	What are the boundaries of unconscious semantic cognition?. European Journal of Neuroscience, 2018, 47, 1287-1288.	3.5	4
61	Early impairment of intracranial conduction time predicts mortality in deeply sedated critically ill patients: a prospective observational pilot study. Annals of Intensive Care, 2017, 7, 63.	4.8	18
62	Multidimensional cognitive evaluation of patients with disorders of consciousness using EEG: A proof of concept study. NeuroImage: Clinical, 2017, 13, 455-469.	2.8	57
63	Disentangling conscious from unconscious cognitive processing with event-related EEG potentials. Revue Neurologique, 2017, 173, 521-528.	0.8	22
64	Brainâ€“heart interactions reveal consciousness in noncommunicating patients. Annals of Neurology, 2017, 82, 578-591.	5.8	82
65	Probing consciousness in a sensory-disconnected paralyzed patient. Brain Injury, 2017, 31, 1398-1403.	1.2	23
66	Encephalitis in a traveller with typhoid fever: efficacy of corticosteroids. Journal of Travel Medicine, 2017, 24, .	3.0	6
67	Brainstem response patterns in deeply-sedated critically-ill patients predict 28-day mortality. PLoS ONE, 2017, 12, e0176012.	2.5	33
68	Multidrug-resistant bacteria transmitted through high-density EEG in ICU. Seizure: the Journal of the British Epilepsy Association, 2016, 37, 65-68.	2.0	4
69	Unconscious semantic processing of polysemous words is not automatic. Neuroscience of Consciousness, 2016, 2016, niw010.	3.0	15
70	Reply: Replicability and impact of statistics in the detection of neural responses of consciousness. Brain, 2016, 139, e31-e31.	8.0	9
71	Neural detection of complex sound sequences or of statistical regularities in the absence of consciousness?. Brain, 2015, 138, e395-e395.	8.0	18
72	Status dissociatus and disturbed dreaming in a patient with Morvan syndrome plus myasthenia gravis. Sleep Medicine, 2015, 16, 894-896.	2.3	20

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73	Probing ERP correlates of verbal semantic processing in patients with impaired consciousness. Neuropsychologia, 2015, 66, 279-292.	1.7	88
74	Large scale screening of neural signatures of consciousness in patients in a vegetative or minimally conscious state. Brain, 2014, 137, 2258-2270.	8.0	432
75	Postâ€traumatic stress symptoms in Guillainâ€“BarrÃ© syndrome patients after prolonged mechanical ventilation in <scp>ICU</scp>: a preliminary report. Journal of the Peripheral Nervous System, 2014, 19, 218-223.	2.5	17
76	Information Sharing in the Brain Indexes Consciousness in Noncommunicative Patients. Current Biology, 2013, 23, 1914-1919.	4.0	272
77	Single-trial decoding of auditory novelty responses facilitates the detection of residual consciousness. NeuroImage, 2013, 83, 726-738.	4.4	156
78	Neurology of consciousness impairments. , 2013, , 59-67.		7
79	Event related potentials elicited by violations of auditory regularities in patients with impaired consciousness. Neuropsychologia, 2012, 50, 403-418.	1.7	155
80	Probing consciousness with event-related potentials in the vegetative state. Neurology, 2011, 77, 264-268.	1.1	159
81	Neural signature of the conscious processing of auditory regularities. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1672-1677.	7.5	567
82	Complications prÃ©coces aprÃ¨s pose de pacemaker. Presse Medicale, 2009, 38, 1030-1031.	2.0	0
83	PrÃ©diction du rÃ©veil et dÃ©tection de la conscienceÂ: intÃ©rÃªt des potentiels Ã©voquÃ©s cognitifs. Reanimation: Journal De La Societe De Reanimation De Langue Francaise, 2009, 18, 659-663.	0.1	4
84	Lichen planus: an unusual cause of oesophageal stricture. Journal of the European Academy of Dermatology and Venereology, 2007, 21, 070209222700057-???.	2.6	2
85	SarcoÃ¯dose mimant une polyarthrite rhumatoÃ¯de. Presse Medicale, 2006, 35, 623-624.	2.0	0
86	Une poche Ã urines virant au violet. Revue De Medecine Interne, 2005, 26, 666-667.	0.2	2
87	Carcinome Ã©pidermoÃ¯de compliquant un ulcÃ¨re veineux chronique de jambe. Annales De Dermatologie Et De Venereologie, 2005, 132, 589-590.	1.1	1
88	Multimodal assessment improves neuroprognosis performance in clinically unresponsive critical-care patients with brain injury. Nature Medicine, 0, , .	29.9	0