

# Camille Chatelle

## List of Publications by Year in descending order

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Version: 2024-02-01

99  
papers

5,508  
citations

94381

37  
h-index

88593

70  
g-index

107  
all docs

107  
docs citations

107  
times ranked

3257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the effect of analgesic treatment on signs of nociception-related behaviors during physiotherapy in patients with disorders of consciousness: a pilot crossover randomized controlled trial. <i>Pain</i> , 2022, 163, e349-e356.	2.0	5
2	Risk factors for 2-year mortality in patients with prolonged disorders of consciousness: An international multicentre study. <i>European Journal of Neurology</i> , 2022, 29, 390-399.	1.7	21
3	Pain and spastic features in chronic DOC patient: A cross-sectional retrospective study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101566.	1.1	2
4	Residual implicit and explicit language abilities in patients with disorders of consciousness: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 391-409.	2.9	10
5	SECONDS Administration Guidelines: A Fast Tool to Assess Consciousness in Brain-injured Patients. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	11
6	The Brief Evaluation of Receptive Aphasia test for the detection of language impairment in patients with severe brain injury. <i>Brain Injury</i> , 2021, 35, 705-717.	0.6	6
7	Preservation of Brain Activity in Unresponsive Patients Identifies <sc>MCS</sc> Star. <i>Annals of Neurology</i> , 2021, 90, 89-100.	2.8	70
8	Simplified evaluation of CONsciousness disorders (SECONDS) in individuals with severe brain injury: A validation study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101432.	1.1	29
9	Nociception Coma Scale-Revised Allows to Identify Patients With Preserved Neural Basis for Pain Experience. <i>Journal of Pain</i> , 2020, 21, 742-750.	0.7	11
10	Can the Nociception Coma Scale-Revised Be Used in Patients With a Tracheostomy?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 1064-1067.	0.5	6
11	EEG Correlates of Language Function in Traumatic Disorders of Consciousness. <i>Neurocritical Care</i> , 2020, 33, 449-457.	1.2	17
12	Auditory and Somatosensory P3 Are Complementary for the Assessment of Patients with Disorders of Consciousness. <i>Brain Sciences</i> , 2020, 10, 748.	1.1	13
13	Multicenter prospective study on predictors of short-term outcome in disorders of consciousness. <i>Neurology</i> , 2020, 95, e1488-e1499.	1.5	56
14	Covert Cognition in Disorders of Consciousness: A Meta-Analysis. <i>Brain Sciences</i> , 2020, 10, 930.	1.1	31
15	Neurophysiological Correlates of a Single Session of Prefrontal tDCS in Patients with Prolonged Disorders of Consciousness: A Pilot Double-Blind Randomized Controlled Study. <i>Brain Sciences</i> , 2020, 10, 469.	1.1	18
16	A study of the reliability and validity of the Chinese version of the Nociception Coma Scale-Revised. <i>Clinical Rehabilitation</i> , 2020, 34, 1112-1121.	1.0	2
17	European Academy of Neurology guideline on the diagnosis of coma and other disorders of consciousness. <i>European Journal of Neurology</i> , 2020, 27, 741-756.	1.7	331
18	Brain Metabolism but Not Gray Matter Volume Underlies the Presence of Language Function in the Minimally Conscious State (MCS): MCS+ Versus MCS- Neuroimaging Differences. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 172-184.	1.4	26

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19	Effects of a Vibro-Tactile P300 Based Brain-Computer Interface on the Coma Recovery Scale-Revised in Patients With Disorders of Consciousness. <i>Frontiers in Neuroscience</i> , 2020, 14, 294.	1.4	15
20	Auditory localization should be considered as a sign of minimally conscious state based on multimodal findings. <i>Brain Communications</i> , 2020, 2, fcaa195.	1.5	17
21	Diagnostic accuracy of the CRS-R index in patients with disorders of consciousness. <i>Brain Injury</i> , 2019, 33, 1409-1412.	0.6	50
22	Effect of multichannel transcranial direct current stimulation to reduce hypertonia in individuals with prolonged disorders of consciousness: A randomized controlled pilot study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2019, 62, 418-425.	1.1	22
23	General Anesthesia: A Probe to Explore Consciousness. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 36.	1.2	66
24	Peri-personal space encoding in patients with disorders of consciousness and cognitive-motor dissociation. <i>NeuroImage: Clinical</i> , 2019, 24, 101940.	1.4	23
25	Motor behavior unmasks residual cognition in disorders of consciousness. <i>Annals of Neurology</i> , 2019, 85, 443-447.	2.8	40
26	Decreased integration of EEG source-space networks in disorders of consciousness. <i>NeuroImage: Clinical</i> , 2019, 23, 101841.	1.4	52
27	Heart Rate Variability as an Indicator of Nociceptive Pain in Disorders of Consciousness?. <i>Journal of Pain and Symptom Management</i> , 2019, 57, 47-56.	0.6	21
28	Transcranial direct current stimulation unveils covert consciousness. <i>Brain Stimulation</i> , 2018, 11, 642-644.	0.7	16
29	Assessment of Nociception and Pain in Participants in an Unresponsive or Minimally Conscious State After Acquired Brain Injury: The Relation Between the Coma Recovery Scale“Revised and the Nociception Coma Scale“Revised. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 1755-1762.	0.5	26
30	Physical therapy in patients with disorders of consciousness: Impact on spasticity and muscle contracture. <i>NeuroRehabilitation</i> , 2018, 42, 199-205.	0.5	18
31	Toward an Attention-Based Diagnostic Tool for Patients With Locked-in Syndrome. <i>Clinical EEG and Neuroscience</i> , 2018, 49, 122-135.	0.9	17
32	Prevalence of coma-recovery scale-revised signs of consciousness in patients in minimally conscious state. <i>Neuropsychological Rehabilitation</i> , 2018, 28, 1350-1359.	1.0	48
33	Electrophysiology in Disorders of Consciousness: From Conventional EEG Visual Analysis to Brain-Computer Interfaces. , 2018, , 51-75.		0
34	Conscious While Being Considered in an Unresponsive Wakefulness Syndrome for 20 Years. <i>Frontiers in Neurology</i> , 2018, 9, 671.	1.1	14
35	Theta network centrality correlates with tDCS response in disorders of consciousness. <i>Brain Stimulation</i> , 2018, 11, 1407-1409.	0.7	27
36	BCI Performance and Brain Metabolism Profile in Severely Brain-Injured Patients Without Response to Command at Bedside. <i>Frontiers in Neuroscience</i> , 2018, 12, 370.	1.4	20

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37	Assessing Command-Following and Communication With Vibro-Tactile P300 Brain-Computer Interface Tools in Patients With Unresponsive Wakefulness Syndrome. <i>Frontiers in Neuroscience</i> , 2018, 12, 423.	1.4	35
38	Feasibility of an EEG-based brain-computer interface in the intensive care unit. <i>Clinical Neurophysiology</i> , 2018, 129, 1519-1525.	0.7	33
39	A Heartbeat Away From Consciousness: Heart Rate Variability Entropy Can Discriminate Disorders of Consciousness and Is Correlated With Resting-State fMRI Brain Connectivity of the Central Autonomic Network. <i>Frontiers in Neurology</i> , 2018, 9, 769.	1.1	48
40	Performance Differences Using a Vibro-Tactile P300 BCI in LIS-Patients Diagnosed With Stroke and ALS. <i>Frontiers in Neuroscience</i> , 2018, 12, 514.	1.4	12
41	Controlled clinical trial of repeated prefrontal tDCS in patients with chronic minimally conscious state. <i>Brain Injury</i> , 2017, 31, 466-474.	0.6	119
42	The Clinical Diagnostic Utility of Electrophysiological Techniques in Assessment of Patients With Disorders of Consciousness Following Acquired Brain Injury: A Systematic Review. <i>Journal of Head Trauma Rehabilitation</i> , 2017, 32, 185-196.	1.0	21
43	Objective assessment of visual pursuit in patients with disorders of consciousness: an exploratory study. <i>Journal of Neurology</i> , 2017, 264, 928-937.	1.8	9
44	Early detection of consciousness in patients with acute severe traumatic brain injury. <i>Brain</i> , 2017, 140, 2399-2414.	3.7	244
45	Brain networks predict metabolism, diagnosis and prognosis at the bedside in disorders of consciousness. <i>Brain</i> , 2017, 140, 2120-2132.	3.7	225
46	Functional Networks in Disorders of Consciousness. <i>Seminars in Neurology</i> , 2017, 37, 485-502.	0.5	65
47	Electromyographic decoding of response to command in disorders of consciousness. <i>Neurology</i> , 2016, 87, 2099-2107.	1.5	21
48	Is the Nociception Coma Scale-Revised a Useful Clinical Tool for Managing Pain in Patients With Disorders of Consciousness?. <i>Clinical Journal of Pain</i> , 2016, 32, 321-326.	0.8	38
49	Minimally Conscious State. , 2016, , 167-185.		5
50	Correlation between resting state <scp>fMRI</scp> total neuronal activity and <scp>PET</scp> metabolism in healthy controls and patients with disorders of consciousness. <i>Brain and Behavior</i> , 2016, 6, e00424.	1.0	40
51	Detection and Interpretation of Impossible and Improbable Coma Recovery Scale-Revised Scores. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 1295-1300.e4.	0.5	34
52	Sensitivity and Specificity of the Coma Recovery Scale-“Revised Total Score in Detection of Conscious Awareness. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 490-492.e1.	0.5	66
53	Poster 45 Utility of the Coma Recovery Scale-Revised Total Score in Detecting Conscious Awareness. <i>PM and R</i> , 2015, 7, S106-S106.	0.9	0
54	Poster 44 An Empirical Classification Scheme for Detection of Impossible and Improbable CRS-R Subscore Combinations. <i>PM and R</i> , 2015, 7, S106-S106.	0.9	0

#	ARTICLE	IF	CITATIONS
55	Improving EEG-BCI analysis for low certainty subjects by using dictionary learning. , 2015, , .		1
56	Clinical Response to tDCS Depends on Residual Brain Metabolism and Grey Matter Integrity in Patients With Minimally Conscious State. Brain Stimulation, 2015, 8, 1116-1123.	0.7	76
57	Quantitative Rates of Brain Glucose Metabolism Distinguish Minimally Conscious from Vegetative State Patients. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 58-65.	2.4	99
58	Brain-Computer Interface for Assessing Consciousness in Severely Brain-Injured Patients. , 2015, , 133-148.		8
59	Spasticity in disorders of consciousness: a behavioral study. European Journal of Physical and Rehabilitation Medicine, 2015, 51, 389-97.	1.1	33
60	Changes in cerebral metabolism in patients with a minimally conscious state responding to zolpidem. Frontiers in Human Neuroscience, 2014, 8, 917.	1.0	49
61	Detection of response to command using voluntary control of breathing in disorders of consciousness. Frontiers in Human Neuroscience, 2014, 8, 1020.	1.0	19
62	Detection of visual pursuit in patients in minimally conscious state: A matter of stimuli and visual plane?. Brain Injury, 2014, 28, 1164-1170.	0.6	30
63	PET Imaging in Altered States of Consciousness: Coma, Sleep, and Hypnosis. , 2014, , 965-986.		0
64	Nociception Coma Scale "Revised Scores Correlate With Metabolism in the Anterior Cingulate Cortex. Neurorehabilitation and Neural Repair, 2014, 28, 149-152.	1.4	36
65	Diagnostic precision of PET imaging and functional MRI in disorders of consciousness: a clinical validation study. Lancet, The, 2014, 384, 514-522.	6.3	433
66	Pain issues in disorders of consciousness. Brain Injury, 2014, 28, 1202-1208.	0.6	67
67	Brain-Computer Interfaces and Diagnosis. The International Library of Ethics, Law and Technology, 2014, , 39-47.	0.2	2
68	Spasticity after stroke: Physiology, assessment and treatment. Brain Injury, 2013, 27, 1093-1105.	0.6	301
69	Reanalysis of "Bedside detection of awareness in the vegetative state: a cohort study" Authors' reply. Lancet, The, 2013, 381, 291-292.	6.3	36
70	Electroencephalographic profiles for differentiation of disorders of consciousness. BioMedical Engineering OnLine, 2013, 12, 109.	1.3	48
71	Pupil responses allow communication in locked-in syndrome patients. Current Biology, 2013, 23, R647-R648.	1.8	79
72	Brain dead yet mind alive: A positron emission tomography case study of brain metabolism in Cotard's syndrome. Cortex, 2013, 49, 1997-1999.	1.1	27

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73	Probing command following in patients with disorders of consciousness using a brain-computer interface. <i>Clinical Neurophysiology</i> , 2013, 124, 101-106.	0.7	217
74	A Comparison of Two Spelling Brain-Computer Interfaces Based on Visual P3 and SSVEP in Locked-In Syndrome. <i>PLoS ONE</i> , 2013, 8, e73691.	1.1	59
75	Detecting Consciousness with a Brain-Computer Interface. <i>Biosystems and Biorobotics</i> , 2013, , 1261-1264.	0.2	6
76	Effect of zolpidem in chronic disorders of consciousness: a prospective open-label study. <i>Functional Neurology</i> , 2013, 28, 259-64.	1.3	43
77	A sensitive scale to assess nociceptive pain in patients with disorders of consciousness. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 1233-1237.	0.9	101
78	Bedside detection of awareness in the vegetative state – Authors' reply. <i>Lancet, The</i> , 2012, 379, 1702.	6.3	5
79	What about Pain in Disorders of Consciousness?. <i>AAPS Journal</i> , 2012, 14, 437-444.	2.2	64
80	Brain-computer interfacing in disorders of consciousness. <i>Brain Injury</i> , 2012, 26, 1510-1522.	0.6	74
81	Relationship between etiology and covert cognition in the minimally conscious state. <i>Neurology</i> , 2012, 78, 816-822.	1.5	98
82	Functional Imaging and Impaired Consciousness. , 2012, , 25-34.		4
83	Metabolic activity in external and internal awareness networks in severely brain-damaged patients. <i>Journal of Rehabilitation Medicine</i> , 2012, 44, 487-494.	0.8	119
84	Brain-Computer Interface: A Communication Aid?. , 2012, , 67-78.		1
85	The Ethics of Managing Disorders of Consciousness. , 2012, , 147-154.		3
86	Electrophysiological investigations of brain function in coma, vegetative and minimally conscious patients. <i>Archives Italiennes De Biologie</i> , 2012, 150, 122-39.	0.1	62
87	Resting-state EEG study of comatose patients: a connectivity and frequency analysis to find differences between vegetative and minimally conscious states. <i>Functional Neurology</i> , 2012, 27, 41-7.	1.3	118
88	Bedside detection of awareness in the vegetative state: a cohort study. <i>Lancet, The</i> , 2011, 378, 2088-2094.	6.3	559
89	Disorders of consciousness: What's in a name?. <i>NeuroRehabilitation</i> , 2011, 28, 3-14.	0.5	63
90	Disorders of Consciousness: What Do We Know?. <i>Research and Perspectives in Neurosciences</i> , 2011, , 85-98.	0.4	2

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91	Understanding Disorders of Consciousness. , 2011, , .		1
92	D'ordres de la conscience : Aspects thiques. , 2011, , 157-164.		0
93	The Nociception Coma Scale: A new tool to assess nociception in disorders of consciousness. Pain, 2010, 148, 215-219.	2.0	153
94	Eye gaze and conscious processing in severely brain-injured patients. Behavioral and Brain Sciences, 2010, 33, 442-443.	0.4	2
95	Assessment and detection of pain in noncommunicative severely brain-injured patients. Expert Review of Neurotherapeutics, 2010, 10, 1725-1731.	1.4	62
96	Disorders of consciousness: Moving from passive to resting state and active paradigms. Cognitive Neuroscience, 2010, 1, 193-203.	0.6	21
97	Different beliefs about pain perception in the vegetative and minimally conscious states: a European survey of medical and paramedical professionals. Progress in Brain Research, 2009, 177, 329-338.	0.9	78
98	Poster 20: A New Tool to Detect Pain in Disorders of Consciousness: The Coma Pain Scale. Archives of Physical Medicine and Rehabilitation, 2009, 90, e18.	0.5	1
99	The relation between catastrophizing and facial responsiveness to pain. Pain, 2008, 140, 127-134.	2.0	41