Charlotte Martial

List of Publications by Year
in descending order

69	2,268	257429 24	265191 42
papers	citations	h-index	g-index

76	76	76	1885
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pain and spastic features in chronic DOC patient: A cross-sectional retrospective study. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101566.	2.3	2
2	Response to: Near-death experiences and the importance of transparency in subjectivity, ontology, and epistemology. Brain Communications, 2022, 4, fcab305.	3.3	0
3	Neuroplastic changes mediate motor recovery with implanted peroneal nerve stimulator in individuals with chronic stroke: An open-label multimodal pilot study. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101358.	2.3	1
4	Letter to the Editor: Response to "A New Scale to Assess Near-Death Experiences". Journal of Near-Death Studies, 2021, 39, 52-54.	0.1	0
5	SECONDs Administration Guidelines: A Fast Tool to Assess Consciousness in Brain-injured Patients. Journal of Visualized Experiments, 2021, , .	0.3	11
6	Neural Responses to Heartbeats Detect Residual Signs of Consciousness during Resting State in Postcomatose Patients. Journal of Neuroscience, 2021, 41, 5251-5262.	3.6	42
7	Preservation of Brain Activity in Unresponsive Patients Identifies <scp>MCS</scp> Star. Annals of Neurology, 2021, 90, 89-100.	5.3	70
8	The evolutionary origin of near-death experiences: a systematic investigation. Brain Communications, 2021, 3, fcab132.	3.3	15
9	Perturbations in dynamical models of whole-brain activity dissociate between the level and stability of consciousness. PLoS Computational Biology, 2021, 17, e1009139.	3.2	45
10	Losing the Self in Near-Death Experiences: The Experience of Ego-Dissolution. Brain Sciences, 2021, 11, 929.	2.3	14
11	High-Density EEG in a Charles Bonnet Syndrome Patient during and without Visual Hallucinations: A Case-Report Study. Cells, 2021, 10, 1991.	4.1	5
12	Mapping the functional brain state of a world champion freediver in static dry apnea. Brain Structure and Function, 2021, 226, 2675-2688.	2.3	4
13	Simplified evaluation of CONsciousness disorders (SECONDs) in individuals with severe brain injury: A validation study. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101432.	2.3	29
14	Loss of consciousness reduces the stability of brain hubs and the heterogeneity of brain dynamics. Communications Biology, 2021, 4, 1037.	4.4	40
15	Nociception Coma Scale-Revised Allows to Identify Patients With Preserved Neural Basis for Pain Experience. Journal of Pain, 2020, 21, 742-750.	1.4	11
16	Can the Nociception Coma Scale-Revised Be Used in Patients With a Tracheostomy?. Archives of Physical Medicine and Rehabilitation, 2020, 101, 1064-1067.	0.9	6
17	Behavioral and electrophysiological effects of network-based frontoparietal tDCS in patients with severe brain injury: A randomized controlled trial. NeuroImage: Clinical, 2020, 28, 102426.	2.7	28
18	The Near-Death Experience Content (NDE-C) scale: Development and psychometric validation. Consciousness and Cognition, 2020, 86, 103049.	1.5	23

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19	Near-Death Experience Memories Include More Episodic Components Than Flashbulb Memories. Frontiers in Psychology, 2020, 11, 888.	2.1	5
20	Time-Delay Latency of Resting-State Blood Oxygen Level-Dependent Signal Related to the Level of Consciousness in Patients with Severe Consciousness Impairment. Brain Connectivity, 2020, 10, 83-94.	1.7	8
21	An Echo of Consciousness: Brain Function During Preferred Music. Brain Connectivity, 2020, 10, 385-395.	1.7	24
22	Brain Metabolism but Not Gray Matter Volume Underlies the Presence of Language Function in the Minimally Conscious State (MCS): MCS+ Versus MCSâˆ’ Neuroimaging Differences. Neurorehabilitation and Neural Repair, 2020, 34, 172-184.	2.9	26
23	Near-Death Experience as a Probe to Explore (Disconnected) Consciousness. Trends in Cognitive Sciences, 2020, 24, 173-183.	7.8	39
24	Characterization of near death experiences using text mining analyses: A preliminary study. PLoS ONE, 2020, 15, e0227402.	2.5	9
25	Auditory localization should be considered as a sign of minimally conscious state based on multimodal findings. Brain Communications, 2020, 2, fcaa195.	3.3	17
26	From unconscious to conscious. , 2020, , 16-43.		0
27	Diagnostic accuracy of the CRS-R index in patients with disorders of consciousness. Brain Injury, 2019, 33, 1409-1412.	1.2	50
28	Resting-state functional connectivity and cortical thickness characterization of a patient with Charles Bonnet syndrome. PLoS ONE, 2019, 14, e0219656.	2.5	7
29	Modulation of the spontaneous hemodynamic response function across levels of consciousness. NeuroImage, 2019, 200, 450-459.	4.2	15
30	General Anesthesia: A Probe to Explore Consciousness. Frontiers in Systems Neuroscience, 2019, 13, 36.	2.5	66
31	Neurophenomenology of near-death experience memory in hypnotic recall: a within-subject EEG study. Scientific Reports, 2019, 9, 14047.	3.3	16
32	Neurochemical models of near-death experiences: A large-scale study based on the semantic similarity of written reports. Consciousness and Cognition, 2019, 69, 52-69.	1.5	48
33	A systematic analysis of distressing near-death experience accounts. Memory, 2019, 27, 1122-1129.	1.7	23
34	Memories of near-death experiences: are they self-defining?. Neuroscience of Consciousness, 2019, 2019, niz002.	2.6	8
35	Human consciousness is supported by dynamic complex patterns of brain signal coordination. Science Advances, 2019, 5, eaat7603.	10.3	296
36	Is oral feeding compatible with an unresponsive wakefulness syndrome?. Journal of Neurology, 2018, 265, 954-961.	3.6	27

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37	Regional brain volumetry and brain function in severely brainâ€injured patients. Annals of Neurology, 2018, 83, 842-853.	5.3	43
38	Transcranial direct current stimulation unveils covert consciousness. Brain Stimulation, 2018, 11, 642-644.	1.6	16
39	Assessment of Nociception and Pain in Participants in an Unresponsive or Minimally Conscious State After Acquired Brain Injury: The Relation Between the Coma Recovery Scaleâ€"Revised and the Nociception Coma Scaleâ€"Revised. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1755-1762.	0.9	26
40	Prevalence of coma-recovery scale-revised signs of consciousness in patients in minimally conscious state. Neuropsychological Rehabilitation, 2018, 28, 1350-1359.	1.6	48
41	False memory susceptibility in coma survivors with and without a near-death experience. Psychological Research, 2018, 82, 806-818.	1.7	13
42	Diagnostic, pronostic et traitements des troubles de la conscience. NPG Neurologie - Psychiatrie - Geriatrie, 2018, 18, 47-59.	0.2	1
43	Multifaceted brain networks reconfiguration in disorders of consciousness uncovered by coâ€activation patterns. Human Brain Mapping, 2018, 39, 89-103.	3.6	49
44	Near-Death Experiences: Actual Considerations. , 2018, , 235-263.		4
45	Clinical subcategorization of minimally conscious state according to resting functional connectivity. Human Brain Mapping, 2018, 39, 4519-4532.	3.6	28
46	Fantasy Proneness Correlates With the Intensity of Near-Death Experience. Frontiers in Psychiatry, 2018, 9, 190.	2.6	22
47	Randomized controlled trial of home-based 4-week tDCS in chronic minimally conscious state. Brain Stimulation, 2018, 11, 982-990.	1.6	93
48	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. Frontiers in Neurology, 2018, 9, 769.	2.4	48
49	DMT Models the Near-Death Experience. Frontiers in Psychology, 2018, 9, 1424.	2.1	122
50	Neural correlates of context-independent and context-dependent self-knowledge. Brain and Cognition, 2018, 125, 23-31.	1.8	10
51	Qualitative thematic analysis of the phenomenology of near-death experiences. PLoS ONE, 2018, 13, e0193001.	2.5	66
52	Mapping the functional connectome traits of levels of consciousness. NeuroImage, 2017, 148, 201-211.	4.2	109
53	Tracking Dynamic Interactions Between Structural and Functional Connectivity: A TMS/EEG-dMRI Study. Brain Connectivity, 2017, 7, 84-97.	1.7	23
54	The repetition of behavioral assessments in diagnosis of disorders of consciousness. Annals of Neurology, 2017, 81, 883-889.	5.3	247

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55	Objective assessment of visual pursuit in patients with disorders of consciousness: an exploratory study. Journal of Neurology, 2017, 264, 928-937.	3.6	9
56	Intensity and memory characteristics of near-death experiences. Consciousness and Cognition, 2017, 56, 120-127.	1.5	13
57	Temporality of Features in Near-Death Experience Narratives. Frontiers in Human Neuroscience, 2017, 11, 311.	2.0	29
58	Functional Connectivity Substrates for tDCS Response in Minimally Conscious State Patients. Frontiers in Cellular Neuroscience, 2016, 10, 257.	3.7	42
59	Functionâ€“structure connectivity in patients with severe brain injury as measured by MRIâ€DWI and FDGâ€PET. Human Brain Mapping, 2016, 37, 3707-3720.	3.6	44
60	Exploration of Functional Connectivity During Preferred Music Stimulation in Patients with Disorders of Consciousness. Frontiers in Psychology, 2015, 6, 1704.	2.1	40
61	Clinical Response to tDCS Depends on Residual Brain MetabolismÂand Grey Matter Integrity in Patients With MinimallyÂConscious State. Brain Stimulation, 2015, 8, 1116-1123.	1.6	76
62	Simulation of the Evolution of a Clay Engineered Barrier by Interaction With Granitic Groundwater: Dynamics and Characteristic Time Scales. Materials Research Society Symposia Proceedings, 1997, 506, 629.	0.1	1
63	Near-Death Experiences: Are They Self-Defining?. SSRN Electronic Journal, 0, , .	0.4	0
64	Modulated spontaneous hemodynamic response to loss of consciousness. Frontiers in Neuroscience, 0, 12, .	2.8	0
65	Fluctuation in behavioral responsiveness in severely brain-injured patients. Frontiers in Neuroscience, 0, 12, .	2.8	0
66	Near-death experiences: Are they self-defining?. Frontiers in Neuroscience, 0, 12, .	2.8	0
67	Diagnostic accuracy and prognostic value of the CRS-R modified score in patients with disorders of consciousness.. Frontiers in Neuroscience, 0, 12, .	2.8	0
68	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. Frontiers in Neuroscience, 0, 12, .	2.8	0
69	Most of Clinically Unresponsive Patients Present Richer Brain Activity than Expected: Lessons from a Multimodal Neuroimaging Study. SSRN Electronic Journal, 0, , .	0.4	0