Olivia Gosseries

List of Publications by Year
in descending order

182 papers	11,433 citations	36203 51 h-index	38300 95 g-index
211 all docs	211 docs citations	211 times ranked	6638 citing authors

#	Article	IF	Citations
1	A Theoretically Based Index of Consciousness Independent of Sensory Processing and Behavior. Science Translational Medicine, 2013, 5, 198ra105.	5.8	839
2	Preserved Feedforward But Impaired Top-Down Processes in the Vegetative State. Science, 2011, 332, 858-862.	6.0	444
3	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
4	Recovery of cortical effective connectivity and recovery of consciousness in vegetative patients. Brain, 2012, 135, 1308-1320.	3.7	400
5	Reactivation of latent working memories with transcranial magnetic stimulation. Science, 2016, 354, 1136-1139.	6.0	377
6	European Academy of Neurology guideline on the diagnosis of coma and other disorders of consciousness. European Journal of Neurology, 2020, 27, 741-756.	1.7	331
7	Stratification of unresponsive patients by an independently validated index of brain complexity. Annals of Neurology, 2016, 80, 718-729.	2.8	309
8	Consciousness and Complexity during Unresponsiveness Induced by Propofol, Xenon, and Ketamine. Current Biology, 2015, 25, 3099-3105.	1.8	308
9	Spasticity after stroke: Physiology, assessment and treatment. Brain Injury, 2013, 27, 1093-1105.	0.6	301
10	The repetition of behavioral assessments in diagnosis of disorders of consciousness. Annals of Neurology, 2017, 81, 883-889.	2.8	247
11	Therapeutic interventions in patients with prolonged disorders of consciousness. Lancet Neurology, The, 2019, 18, 600-614.	4.9	228
12	Brain networks predict metabolism, diagnosis and prognosis at the bedside in disorders of consciousness. Brain, 2017, 140, 2120-2132.	3.7	225
13	Probing command following in patients with disorders of consciousness using a brainâ€“computer interface. Clinical Neurophysiology, 2013, 124, 101-106.	0.7	217
14	Robust EEG-based cross-site and cross-protocol classification of states of consciousness. Brain, 2018, 141, 3179-3192.	3.7	213
15	Functional neuroanatomy underlying the clinical subcategorization of minimally conscious state patients. Journal of Neurology, 2012, 259, 1087-1098.	1.8	209
16	The spectral exponent of the resting EEG indexes the presence of consciousness during unresponsiveness induced by propofol, xenon, and ketamine. NeuroImage, 2019, 189, 631-644.	2.1	185
17	Attitudes towards end-of-life issues in disorders of consciousness: a European survey. Journal of Neurology, 2011, 258, 1058-1065.	1.8	139
18	Measuring Consciousness in Severely Damaged Brains. Annual Review of Neuroscience, 2014, 37, 457-478.	5.0	134

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19	Measures of metabolism and complexity in the brain of patients with disorders of consciousness. NeuroImage: Clinical, 2017, 14, 354-362.	1.4	133
20	Electrophysiological correlates of behavioural changes in vigilance in vegetative state and minimally conscious state. Brain, 2011, 134, 2222-2232.	3.7	128
21	Dynamic Change of Global and Local Information Processing in Propofol-Induced Loss and Recovery of Consciousness. PLoS Computational Biology, 2013, 9, e1003271.	1.5	124
22	Physiological feelings. Neuroscience and Biobehavioral Reviews, 2019, 103, 267-304.	2.9	121
23	Metabolic activity in external and internal awareness networks in severely brain-damaged patients. Journal of Rehabilitation Medicine, 2012, 44, 487-494.	0.8	119
24	Controlled clinical trial of repeated prefrontal tDCS in patients with chronic minimally conscious state. Brain Injury, 2017, 31, 466-474.	0.6	119
25	Quantifying Cortical EEG Responses to TMS in (Un)consciousness. Clinical EEG and Neuroscience, 2014, 45, 40-49.	0.9	116
26	Recent advances in disorders of consciousness: Focus on the diagnosis. Brain Injury, 2014, 28, 1141-1150.	0.6	114
27	Thalamus, Brainstem and Salience Network Connectivity Changes During Propofol-Induced Sedation and Unconsciousness. Brain Connectivity, 2013, 3, 273-285.	0.8	112
28	Sleep-like cortical OFF-periods disrupt causality and complexity in the brain of unresponsive wakefulness syndrome patients. Nature Communications, 2018, 9, 4427.	5.8	109
29	Another kind of â€˜BOLD Responseâ€™: answering multiple-choice questions via online decoded single-trial brain signals. Progress in Brain Research, 2009, 177, 275-292.	0.9	106
30	Reproducibility in TMSâ€“EEG studies: A call for data sharing, standard procedures and effective experimental control. Brain Stimulation, 2019, 12, 787-790.	0.7	106
31	Common resting brain dynamics indicate a possible mechanism underlying zolpidem response in severe brain injury. ELife, 2013, 2, e01157.	2.8	101
32	Automated EEG entropy measurements in coma, vegetative state/unresponsive wakefulness syndrome and minimally conscious state. Functional Neurology, 2011, 26, 25-30.	1.3	95
33	Hypnotic modulation of resting state fMRI default mode and extrinsic network connectivity. Progress in Brain Research, 2011, 193, 309-322.	0.9	93
34	Distinct Oscillatory Frequencies Underlie Excitability of Human Occipital and Parietal Cortex. Journal of Neuroscience, 2017, 37, 2824-2833.	1.7	89
35	Functional neuroanatomy of disorders of consciousness. Epilepsy and Behavior, 2014, 30, 28-32.	0.9	87
36	On the Cerebral Origin of EEG Responses to TMS: Insights From Severe Cortical Lesions. Brain Stimulation, 2015, 8, 142-149.	0.7	87

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37	Brain Connectivity in Disorders of Consciousness. Brain Connectivity, 2012, 2, 1-10.	0.8	85
38	EEG ultradian rhythmicity differences in disorders of consciousness during wakefulness. Journal of Neurology, 2016, 263, 1746-1760.	1.8	85
39	Visual fixation in the vegetative state: an observational case series PET study. BMC Neurology, 2010, 10, 35.	0.8	75
40	Comparison of the Full Outline of UnResponsiveness and Glasgow Liege Scale/Glasgow Coma Scale in an Intensive Care Unit Population. Neurocritical Care, 2011, 15, 447-453.	1.2	73
41	Preservation of Brain Activity in Unresponsive Patients Identifies <scp>MCS</scp> Star. Annals of Neurology, 2021, 90, 89-100.	2.8	70
42	Stimulus Set Meaningfulness and Neurophysiological Differentiation: A Functional Magnetic Resonance Imaging Study. PLoS ONE, 2015, 10, e0125337.	1.1	69
43	Local sleep-like cortical reactivity in the awake brain after focal injury. Brain, 2020, 143, 3672-3684.	3.7	69
44	General Anesthesia: A Probe to Explore Consciousness. Frontiers in Systems Neuroscience, 2019, 13, 36.	1.2	66
45	Predictors of short-term outcome in brain-injured patients with disorders of consciousness. Progress in Brain Research, 2009, 177, 63-72.	0.9	65
46	A fast and general method to empirically estimate the complexity of brain responses to transcranial and intracranial stimulations. Brain Stimulation, 2019, 12, 1280-1289.	0.7	64
47	Connectivity differences between consciousness and unconsciousness in non-rapid eye movement sleep: a TMSâ€“EEG study. Scientific Reports, 2019, 9, 5175.	1.6	64
48	Disorders of consciousness: What's in a name?. NeuroRehabilitation, 2011, 28, 3-14.	0.5	63
49	Actigraphy assessments of circadian sleep-wake cycles in the Vegetative and Minimally Conscious States. BMC Medicine, 2013, 11, 18.	2.3	63
50	Assessment and detection of pain in noncommunicative severely brain-injured patients. Expert Review of Neurotherapeutics, 2010, 10, 1725-1731.	1.4	62
51	Transcranial magnetic stimulation-evoked EEG/cortical potentials in physiological and pathological aging. NeuroReport, 2011, 22, 592-597.	0.6	62
52	Electrophysiological investigations of brain function in coma, vegetative and minimally conscious patients. Archives Italiennes De Biologie, 2012, 150, 122-39.	0.1	62
53	Therapies to Restore Consciousness in Patients with Severe Brain Injuries: A Gap Analysis and Future Directions. Neurocritical Care, 2021, 35, 68-85.	1.2	60
54	Multicenter prospective study on predictors of short-term outcome in disorders of consciousness. Neurology, 2020, 95, e1488-e1499.	1.5	56

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55	From armchair to wheelchair: How patients with a locked-in syndrome integrate bodily changes in experienced identity. Consciousness and Cognition, 2012, 21, 431-437.	0.8	52
56	Decreased integration of EEG source-space networks in disorders of consciousness. NeuroImage: Clinical, 2019, 23, 101841.	1.4	52
57	Consciousness and cortical responsiveness: a within-state study during non-rapid eye movement sleep. Scientific Reports, 2016, 6, 30932.	1.6	51
58	Diagnostic accuracy of the CRS-R index in patients with disorders of consciousness. Brain Injury, 2019, 33, 1409-1412.	0.6	50
59	Changes in cerebral metabolism in patients with a minimally conscious state responding to zolpidem. Frontiers in Human Neuroscience, 2014, 8, 917.	1.0	49
60	Propofol-Induced Frontal Cortex Disconnection: A Study of Resting-State Networks, Total Brain Connectivity, and Mean BOLD Signal Oscillation Frequencies. Brain Connectivity, 2016, 6, 225-237.	0.8	49
61	Disorders of Consciousness: Coma, Vegetative and Minimally Conscious States. The Frontiers Collection, 2011, , 29-55.	0.1	48
62	Burnout in healthcare workers managing chronic patients with disorders of consciousness. Brain Injury, 2012, 26, 1493-1499.	0.6	48
63	Prevalence of coma-recovery scale-revised signs of consciousness in patients in minimally conscious state. Neuropsychological Rehabilitation, 2018, 28, 1350-1359.	1.0	48
64	Shared reduction of oscillatory natural frequencies in bipolar disorder, major depressive disorder and schizophrenia. Journal of Affective Disorders, 2015, 184, 111-115.	2.0	47
65	Response to Comment on â€œPreserved Feedforward But Impaired Top-Down Processes in the Vegetative Stateâ€. Science, 2011, 334, 1203-1203.	6.0	45
66	Multimodal neuroimaging in patients with disorders of consciousness showing â€œfunctional hemispherectomyâ€. Progress in Brain Research, 2011, 193, 323-333.	0.9	44
67	Pain Perception in Disorders of Consciousness: Neuroscience, Clinical Care, and Ethics in Dialogue. Neuroethics, 2013, 6, 37-50.	1.7	44
68	The Role of Neuroimaging Techniques in Establishing Diagnosis, Prognosis and Therapy in Disorders of Consciousness. Open Neuroimaging Journal, 2016, 10, 52-68.	0.2	44
69	Cortical reactivations during sleep spindles following declarative learning. NeuroImage, 2019, 195, 104-112.	2.1	43
70	Effect of zolpidem in chronic disorders of consciousness: a prospective open-label study. Functional Neurology, 2013, 28, 259-64.	1.3	43
71	Coma and Disorders of Consciousness: Scientific Advances and Practical Considerations for Clinicians. Seminars in Neurology, 2013, 33, 083-090.	0.5	42
72	Neural Responses to Heartbeats Detect Residual Signs of Consciousness during Resting State in Postcomatose Patients. Journal of Neuroscience, 2021, 41, 5251-5262.	1.7	42

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73	Assessing consciousness in coma and related states using transcranial magnetic stimulation combined with electroencephalography. Annales Francaises D'Anesthesie Et De Reanimation, 2014, 33, 65-71.	1.4	41
74	Sedation of Patients With Disorders of Consciousness During Neuroimaging: Effects on Resting State Functional Brain Connectivity. Anesthesia and Analgesia, 2017, 124, 588-598.	1.1	41
75	Loss of consciousness reduces the stability of brain hubs and the heterogeneity of brain dynamics. Communications Biology, 2021, 4, 1037.	2.0	40
76	Assessment of localisation to auditory stimulation in post-comatose states: use the patientâ€™s own name. BMC Neurology, 2013, 13, 27.	0.8	39
77	Transcranial magnetic stimulation combined with high-density EEG in altered states of consciousness. Brain Injury, 2014, 28, 1180-1189.	0.6	39
78	Global structural integrity and effective connectivity in patients with disorders of consciousness. Brain Stimulation, 2018, 11, 358-365.	0.7	39
79	Near-Death Experience as a Probe to Explore (Disconnected) Consciousness. Trends in Cognitive Sciences, 2020, 24, 173-183.	4.0	39
80	Assessment of consciousness with electrophysiological and neurological imaging techniques. Current Opinion in Critical Care, 2011, 17, 146-151.	1.6	38
81	Parietal-Occipital Interactions Underlying Control- and Representation-Related Processes in Working Memory for Nonspatial Visual Features. Journal of Neuroscience, 2018, 38, 4357-4366.	1.7	38
82	Abnormal Corticospinal Excitability in Patients with Disorders of Consciousness. Brain Stimulation, 2013, 6, 590-597.	0.7	36
83	Structural brain injury in patients with disorders of consciousness: A voxel-based morphometry study. Brain Injury, 2016, 30, 343-352.	0.6	36
84	Update on neuroimaging in disorders of consciousness. Current Opinion in Neurology, 2021, 34, 488-496.	1.8	36
85	The Glasgow Coma Scale: time for critical reappraisal?. Lancet Neurology, The, 2014, 13, 755-757.	4.9	35
86	Detection and Interpretation of Impossible and Improbable Coma Recovery Scale-Revised Scores. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1295-1300.e4.	0.5	34
87	Spasticity in disorders of consciousness: a behavioral study. European Journal of Physical and Rehabilitation Medicine, 2015, 51, 389-97.	1.1	33
88	Directed Information Transfer in Scalp Electroencephalographic Recordings. Clinical EEG and Neuroscience, 2014, 45, 33-39.	0.9	32
89	Volitional electromyographic responses in disorders of consciousness. Brain Injury, 2014, 28, 1171-1179.	0.6	32
90	Propofol-induced unresponsiveness is associated with impaired feedforward connectivity in cortical hierarchy. British Journal of Anaesthesia, 2018, 121, 1084-1096.	1.5	31

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91	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
92	Transcutaneous Auricular Vagal Nerve Stimulation and Disorders of Consciousness: A Hypothesis for Mechanisms of Action. Frontiers in Neurology, 2020, 11, 933.	1.1	30
93	The Neurology of Consciousness. , 2016, , 407-461.		29
94	Simplified evaluation of CONsciousness disorders (SECONDs) in individuals with severe brain injury: A validation study. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101432.	1.1	29
95	Quantifying arousal and awareness in altered states of consciousness using interpretable deep learning. Nature Communications, 2022, 13, 1064.	5.8	29
96	Evoked Alpha Power is Reduced in Disconnected Consciousness During Sleep and Anesthesia. Scientific Reports, 2018, 8, 16664.	1.6	28
97	Behavioral and electrophysiological effects of network-based frontoparietal tDCS in patients with severe brain injury: A randomized controlled trial. NeuroImage: Clinical, 2020, 28, 102426.	1.4	28
98	Changes in Effective Connectivity by Propofol Sedation. PLoS ONE, 2013, 8, e71370.	1.1	28
99	BLINK TO VISUAL THREAT DOES NOT HERALD CONSCIOUSNESS IN THE VEGETATIVE STATE. Neurology, 2008, 71, 1374-1375.	1.5	27
100	Prognosis of Patients with Altered State of Consciousness. , 2012, , 11-23.		27
101	Is oral feeding compatible with an unresponsive wakefulness syndrome?. Journal of Neurology, 2018, 265, 954-961.	1.8	27
102	Frequent lucid dreaming associated with increased functional connectivity between frontopolar cortex and temporoparietal association areas. Scientific Reports, 2018, 8, 17798.	1.6	27
103	Brain Metabolism but Not Gray Matter Volume Underlies the Presence of Language Function in the Minimally Conscious State (MCS): MCS+ Versus MCSâ^' Neuroimaging Differences. Neurorehabilitation and Neural Repair, 2020, 34, 172-184.	1.4	26
104	Amantadine, apomorphine and zolpidem in the treatment of disorders of consciousness. Current Pharmaceutical Design, 2014, 20, 4167-84.	0.9	26
105	Swallowing in individuals with disorders of consciousness: A cohort study. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101403.	1.1	25
106	Disorders of consciousness: further pathophysiological insights using motor cortex transcranial magnetic stimulation. Progress in Brain Research, 2009, 177, 191-200.	0.9	24
107	Beyond the gaze: Communicating in chronic locked-in syndrome. Brain Injury, 2015, 29, 1056-1061.	0.6	23
108	Tracking Dynamic Interactions Between Structural and Functional Connectivity: A TMS/EEG-dMRI Study. Brain Connectivity, 2017, 7, 84-97.	0.8	23

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109	Brain, Behavior, and Cognitive Interplay in Disorders of Consciousness: A Multiple Case Study. Frontiers in Neurology, 2018, 9, 665.	1.1	23
110	The Near-Death Experience Content (NDE-C) scale: Development and psychometric validation. Consciousness and Cognition, 2020, 86, 103049.	0.8	23
111	Transcranial Magnetic Stimulation in Disorders of Consciousness. Reviews in the Neurosciences, 2009, 20, 235-50.	1.4	22
112	Abnormal brain oscillations persist after recovery from bipolar depression. European Psychiatry, 2017, 41, 10-15.	0.1	22
113	Disorders of consciousness: Moving from passive to resting state and active paradigms. Cognitive Neuroscience, 2010, 1, 193-203.	0.6	21
114	Risk factors for 2â€year mortality in patients with prolonged disorders of consciousness: An international multicentre study. European Journal of Neurology, 2022, 29, 390-399.	1.7	21
115	Unifying turbulent dynamics framework distinguishes different brain states. Communications Biology, 2022, 5, .	2.0	20
116	Impact of soft splints on upper limb spasticity in chronic patients with disorders of consciousness: A randomized, single-blind, controlled trial. Brain Injury, 2015, 29, 830-836.	0.6	19
117	CAN SUBJECTIVE RATINGS OF ABSORPTION, DISSOCIATION, AND TIME PERCEPTION DURING â€œNEUTRAL HYPNOSISâ€•PREDICT HYPNOTIZABILITY?: An exploratory study. International Journal of Clinical and Experimental Hypnosis, 2019, 67, 28-38.	1.1	19
118	Corticospinal excitability in patients with anoxic, traumatic, and non-traumatic diffuse brain injury. Brain Stimulation, 2013, 6, 130-137.	0.7	18
119	Brain-computer interfaces for consciousness assessment and communication in severely brain-injured patients. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 168, 137-152.	1.0	18
120	Resistance to eye opening in patients with disorders of consciousness. Journal of Neurology, 2018, 265, 1376-1380.	1.8	17
121	Auditory localization should be considered as a sign of minimally conscious state based on multimodal findings. Brain Communications, 2020, 2, fcaa195.	1.5	17
122	Consciousness in the Locked-in Syndrome. , 2009, , 191-203.		16
123	Transcranial direct current stimulation unveils covert consciousness. Brain Stimulation, 2018, 11, 642-644.	0.7	16
124	Neurophenomenology of near-death experience memory in hypnotic recall: a within-subject EEG study. Scientific Reports, 2019, 9, 14047.	1.6	16
125	How hot is the hot zone? Computational modelling clarifies the role of parietal and frontoparietal connectivity during anaesthetic-induced loss of consciousness. NeuroImage, 2021, 231, 117841.	2.1	16
126	Treating Disorders of Consciousness With Apomorphine: Protocol for a Double-Blind Randomized Controlled Trial Using Multimodal Assessments. Frontiers in Neurology, 2019, 10, 248.	1.1	15

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127	Conscious While Being Considered in an Unresponsive Wakefulness Syndrome for 20 Years. Frontiers in Neurology, 2018, 9, 671.	1.1	14
128	Losing the Self in Near-Death Experiences: The Experience of Ego-Dissolution. Brain Sciences, 2021, 11, 929.	1.1	14
129	Amantadine, Apomorphine and Zolpidem in the Treatment of Disorders of Consciousness. Current Pharmaceutical Design, 2013, 999, 11-12.	0.9	14
130	Brain plasticity after implanted peroneal nerve electrical stimulation to improve gait in chronic stroke patients: Two case reports. NeuroRehabilitation, 2017, 40, 251-258.	0.5	13
131	Behavioural and brain responses in cognitive trance: A TMS-EEG case study. Clinical Neurophysiology, 2020, 131, 586-588.	0.7	13
132	Neural plasticity lessons from disorders of consciousness. Frontiers in Psychology, 2011, 1, 245.	1.1	12
133	Meditation-induced modulation of brain response to transcranial magnetic stimulation. Brain Stimulation, 2018, 11, 1397-1400.	0.7	12
134	A Graph Signal Processing Approach to Study High Density EEG Signals in Patients with Disorders of Consciousness. , 2019, 2019, 4549-4553.		12
135	SECONDs Administration Guidelines: A Fast Tool to Assess Consciousness in Brain-injured Patients. Journal of Visualized Experiments, 2021, , .	0.2	11
136	A novel closed-loop EEG-tDCS approach to promote responsiveness of patients in minimally conscious state: A study protocol. Behavioural Brain Research, 2021, 409, 113311.	1.2	11
137	The Development and Validation of the SWADOC: A Study Protocol for a Multicenter Prospective Cohort Study. Frontiers in Neurology, 2021, 12, 662634.	1.1	10
138	Residual implicit and explicit language abilities in patients with disorders of consciousness: A systematic review. Neuroscience and Biobehavioral Reviews, 2022, 132, 391-409.	2.9	10
139	Spatio-temporal analysis of EEG signal during consciousness using convolutional neural network. , 2018, , .		9
140	Decreased Evoked Slow-Activity After tDCS in Disorders of Consciousness. Frontiers in Systems Neuroscience, 2020, 14, 62.	1.2	9
141	Disembodied Mind: Cortical Changes Following Brainstem Injury in Patients with Locked-in Syndrome. Open Neuroimaging Journal, 2016, 10, 32-40.	0.2	8
142	Assessment of needs, psychological impact and quality of life in families of patients with locked-in syndrome. Brain Injury, 2017, 31, 1590-1596.	0.6	8
143	Hypnosis, Meditation, and Self-Induced Cognitive Trance to Improve Post-treatment Oncological Patientsâ€™ Quality of Life: Study Protocol. Frontiers in Psychology, 2022, 13, 807741.	1.1	7
144	Consciousness in the Locked-In Syndrome. , 2016, , 187-202.		6

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145	Links Between Swallowing and Consciousness: A Narrative Review. Dysphagia, 2023, 38, 42-64.	1.0	6
146	Exploring the Neurophysiological Correlates of Loss and Recovery of Consciousness: Perturbational Complexity. , 2016, , 93-104.		5
147	Functional Neuroimaging Approaches to the Changing Borders of Consciousness. Journal of Psychophysiology, 2010, 24, 68-75.	0.3	5
148	Functional Imaging and Impaired Consciousness. , 2012, , 25-34.		4
149	Editorial: Between Theory and Clinic: The Contribution of Neuroimaging in the Field of Consciousness Disorders. Frontiers in Neurology, 2019, 10, 165.	1.1	4
150	Estimating the Minimal Number of Repeated Examinations for Random Responsiveness With the Coma Recovery Scaleâ€"Revised as an Example. Frontiers in Integrative Neuroscience, 2021, 15, 685627.	1.0	4
151	Mapping the functional brain state of a world champion freediver in static dry apnea. Brain Structure and Function, 2021, 226, 2675-2688.	1.2	4
152	Pronostic des patients rÃ©cupÃ©rant du coma. , 2011, , 17-29.		4
153	A mean field approach to model levels of consciousness from EEG recordings. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 083405.	0.9	4
154	The Ethics of Managing Disorders of Consciousness. , 2012, , 147-154.		3
155	Thalamic volume as a biomarker for disorders of consciousness. , 2015, , .		3
156	La transe cognitive auto-induiteÂ: caractÃ©ristiques et applications thÃ©rapeutiques potentielles. HEGEL - HEpato-GastroEntÃ©rologie LibÃ©rale, 2021, NÂ° 2, 192-201.	0.0	3
157	Quality of Life and End-of-Life Decisions After Brain Injury. Social Indicators Research Series, 2013, , 95-110.	0.3	3
158	Neuroimaging and neurophysiological diagnosis and prognosis in paediatric disorders of consciousness. Developmental Medicine and Child Neurology, 2022, 64, 681-690.	1.1	3
159	French Survey on Pain Perception and Management in Patients with Locked-In Syndrome. Diagnostics, 2022, 12, 769.	1.3	3
160	Current knowledge on severe acquired brain injury with disorders of consciousness. Brain Injury, 2014, 28, 1139-1140.	0.6	2
161	Graph Theoretical Analysis of Cortical Networks based on Conscious Experience. , 2019, 2019, 3373-3376.		2
162	Generalized Prediction of Unconsciousness during Propofol Anesthesia using 3D Convolutional Neural Networks. , 2020, 2020, 134-137.		2

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163	Feasibility of Oral Feeding in Patients with Disorders of Consciousness. , 2012, , 105-120.		1
164	Pharmacological Treatments. , 2012, , 121-138.		1
165	A multiscale method for a robust detection of the default mode network. Proceedings of SPIE, 2013, , .	0.8	1
166	Improving EEG-BCI analysis for low certainty subjects by using dictionary learning. , 2015, , .		1
167	Functional Neuroimaging Techniques. , 2016, , 31-47.		1
168	Altered States of Consciousness after Brain Injury. , 2017, , 662-681.		1
169	Pharmacological Treatments. , 2018, , 181-206.		1
170	Causal Connectivity According to Conscious Experience in Non-Rapid Eye Movement Sleep. , 2019, , .		1
171	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.	1.1	1
172	Article 14: Categorizing Minimally Conscious State Based on PET Brain Metabolism. Archives of Physical Medicine and Rehabilitation, 2009, 90, e6-e7.	0.5	0
173	Using Transcranial Magnetic Stimulation to Measure Cerebral Connectivity in Patients with Disorders of Consciousness. , 2012, , 79-84.		0
174	Consciousness: And Disorders of Consciousness. , 2015, , 1067-1073.		0
175	Transcranial Magnetic Stimulation and Electroencephalography. , 2015, , 125-132.		0
176	Unresponsive Wakefulness Syndrome (Vegetative State) and Related Statesâ˜†. , 2017, , .		0
177	DÃ©sordres de la conscience : Aspects Ã©thiques. , 2011, , 157-164.		0
178	Imagerie fonctionnelle et Ã©tats de conscience altÃ©rÃ©e. , 2011, , 31-39.		0
179	Transcranial Magnetic Stimulation Coupled To EEG: A New Tool to Assess Brain Function in Coma. , 2013, , 807-817.		0
180	The Chronic Clinical Setting. , 2015, , 95-105.		0

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181	The scientific study of coma and related states. Advances in Consciousness Research, 2015, , 48-80.	0.2	0
182	Fluctuation in behavioral responsiveness in severely brain-injured patients. Frontiers in Neuroscience, 0, 12, .	1.4	0