

# Aurore Thibaut

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/474302/publications.pdf>

Version: 2024-02-01

101  
papers

4,543  
citations

172207

29  
h-index

123241

61  
g-index

110  
all docs

110  
docs citations

110  
times ranked

2991  
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	Neuroimaging and neurophysiological diagnosis and prognosis in paediatric disorders of consciousness. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 681-690.	1.1	3
5	Dance training and performance in patients with Parkinson disease: Effects on motor functions and patients' well-being. <i>Science and Sports</i> , 2022, 37, 45-50.	0.2	2
6	Impact of microprocessor prosthetic knee on mobility and quality of life in patients with lower limb amputation: a systematic review of the literature. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2022, 58, .	1.1	4
7	Quantifying arousal and awareness in altered states of consciousness using interpretable deep learning. <i>Nature Communications</i> , 2022, 13, 1064.	5.8	29
8	Changes of Spasticity across Time in Prolonged Disorders of Consciousness: A Retrospective Study. <i>Brain Sciences</i> , 2022, 12, 295.	1.1	4
9	Transcranial Pulsed-Current Stimulation versus Transcranial Direct Current Stimulation in Patients with Disorders of Consciousness: A Pilot, Sham-Controlled Cross-Over Double-Blind Study. <i>Brain Sciences</i> , 2022, 12, 429.	1.1	12
10	French Survey on Pain Perception and Management in Patients with Locked-In Syndrome. <i>Diagnostics</i> , 2022, 12, 769.	1.3	3
11	Neurorehabilitation for people with disorders of consciousness: an international survey of health-care structures and access to treatment, (Part 1). <i>Brain Injury</i> , 2022, 36, 850-859.	0.6	1
12	Beneficial effects of a supervised and individualized training circuit on physical capacities and quality of life of patients suffering from multiple sclerosis. <i>Science and Sports</i> , 2022, 37, 468-476.	0.2	1
13	Swallowing in individuals with disorders of consciousness: A cohort study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101403.	1.1	25
14	A review of burn symptoms and potential novel neural targets for non-invasive brain stimulation for treatment of burn sequelae. <i>Burns</i> , 2021, 47, 525-537.	1.1	3
15	Neuroplastic changes mediate motor recovery with implanted peroneal nerve stimulator in individuals with chronic stroke: An open-label multimodal pilot study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101358.	1.1	1
16	EEG modulation by different transcranial direct current stimulation (tDCS) montages: a randomized double-blind sham-control mechanistic pilot trial in healthy participants. <i>Expert Review of Medical Devices</i> , 2021, 18, 107-120.	1.4	5
17	Transcranial Direct Current Stimulation in Disorders of Consciousness. , 2021, , 635-651.		0
18	Prediction of Minimally Conscious State Responder Patients to Non-invasive Brain Stimulation Using Machine Learning Algorithms. <i>Lecture Notes in Computer Science</i> , 2021, , 515-525.	1.0	0

#	ARTICLE	IF	CITATIONS
19	SECONDS Administration Guidelines: A Fast Tool to Assess Consciousness in Brain-injured Patients. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	11
20	Update on neuroimaging in disorders of consciousness. <i>Current Opinion in Neurology</i> , 2021, 34, 488-496.	1.8	36
21	Preservation of Brain Activity in Unresponsive Patients Identifies <sc>MCS</sc>. <i>Star. Annals of Neurology</i> , 2021, 90, 89-100.	2.8	70
22	A novel closed-loop EEG-tDCS approach to promote responsiveness of patients in minimally conscious state: A study protocol. <i>Behavioural Brain Research</i> , 2021, 409, 113311.	1.2	11
23	Therapies to Restore Consciousness in Patients with Severe Brain Injuries: A Gap Analysis and Future Directions. <i>Neurocritical Care</i> , 2021, 35, 68-85.	1.2	60
24	Transcranial direct current stimulation (tDCS) for improving fatigue, motor function, and pain in people with multiple sclerosis. <i>The Cochrane Library</i> , 2021, 2021, .	1.5	0
25	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
26	Epilepsy in prolonged disorders of consciousness: a systematic review. <i>Brain Injury</i> , 2021, 35, 1485-1495.	0.6	5
27	Loss of consciousness reduces the stability of brain hubs and the heterogeneity of brain dynamics. <i>Communications Biology</i> , 2021, 4, 1037.	2.0	40
28	Management of Epileptic Seizures in Disorders of Consciousness: An International Survey. <i>Frontiers in Neurology</i> , 2021, 12, 799579.	1.1	5
29	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
30	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
31	Minimally conscious state "plus" diagnostic criteria and relation to functional recovery. <i>Journal of Neurology</i> , 2020, 267, 1245-1254.	1.8	94
32	Decreased Evoked Slow-Activity After tDCS in Disorders of Consciousness. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 62.	1.2	9
33	Behavioral and electrophysiological effects of network-based frontoparietal tDCS in patients with severe brain injury: A randomized controlled trial. <i>NeuroImage: Clinical</i> , 2020, 28, 102426.	1.4	28
34	Multicenter prospective study on predictors of short-term outcome in disorders of consciousness. <i>Neurology</i> , 2020, 95, e1488-e1499.	1.5	56
35	Methods and strategies of tDCS for the treatment of pain: current status and future directions. <i>Expert Review of Medical Devices</i> , 2020, 17, 879-898.	1.4	56
36	Transcutaneous Auricular Vagal Nerve Stimulation and Disorders of Consciousness: A Hypothesis for Mechanisms of Action. <i>Frontiers in Neurology</i> , 2020, 11, 933.	1.1	30

#	ARTICLE	IF	CITATIONS
37	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
38	Brain Metabolism but Not Gray Matter Volume Underlies the Presence of Language Function in the Minimally Conscious State (MCS): MCS+ Versus MCSâ Neuroimaging Differences. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 172-184.	1.4	26
39	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
40	Diagnostic accuracy of the CRS-R index in patients with disorders of consciousness. <i>Brain Injury</i> , 2019, 33, 1409-1412.	0.6	50
41	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
42	Searching for the optimal tDCS target for motor rehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 90.	2.4	40
43	Detecting Brain Activity Following a Verbal Command in Patients With Disorders of Consciousness. <i>Frontiers in Neuroscience</i> , 2019, 13, 976.	1.4	4
44	Single tDCS session of motor cortex in patients with disorders of consciousness: a pilot study. <i>Brain Injury</i> , 2019, 33, 1679-1683.	0.6	26
45	Emerging targets and uses of neuromodulation for pain. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 109-118.	1.4	12
46	Decreased integration of EEG source-space networks in disorders of consciousness. <i>NeuroImage: Clinical</i> , 2019, 23, 101841.	1.4	52
47	Therapeutic interventions in patients with prolonged disorders of consciousness. <i>Lancet Neurology</i> , The, 2019, 18, 600-614.	4.9	228
48	416 Effects of Transcranial Direct Current Stimulation on Pain and Itch after Burn Injury. <i>Journal of Burn Care and Research</i> , 2019, 40, S180-S181.	0.2	2
49	Treating Disorders of Consciousness With Apomorphine: Protocol for a Double-Blind Randomized Controlled Trial Using Multimodal Assessments. <i>Frontiers in Neurology</i> , 2019, 10, 248.	1.1	15
50	Clinical and electrophysiological investigation of spastic muscle overactivity in patients with disorders of consciousness following severe brain injury. <i>Clinical Neurophysiology</i> , 2019, 130, 207-213.	0.7	3
51	Distinct behavioral response of primary motor cortex stimulation in itch and pain after burn injury. <i>Neuroscience Letters</i> , 2019, 690, 89-94.	1.0	12
52	Transcranial direct current stimulation to prevent and treat surgery-induced opioid dependence: a systematic review. <i>Pain Management</i> , 2019, 9, 93-106.	0.7	5
53	Resistance to eye opening in patients with disorders of consciousness. <i>Journal of Neurology</i> , 2018, 265, 1376-1380.	1.8	17
54	Transcranial direct current stimulation unveils covert consciousness. <i>Brain Stimulation</i> , 2018, 11, 642-644.	0.7	16

#	ARTICLE	IF	CITATIONS
55	Principles of Designing a Clinical Trial: Optimizing Chances of Trial Success. <i>Current Behavioral Neuroscience Reports</i> , 2018, 5, 143-152.	0.6	5
56	Physical therapy in patients with disorders of consciousness: Impact on spasticity and muscle contracture. <i>NeuroRehabilitation</i> , 2018, 42, 199-205.	0.5	18
57	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
58	Diagnostic, pronostic et traitements des troubles de la conscience. <i>NPG Neurologie - Psychiatrie - Geriatrie</i> , 2018, 18, 47-59.	0.1	1
59	New Therapeutic Options for the Treatment of Patients with Disorders of Consciousness: The Field of Neuromodulation. , 2018, , 207-223.		1
60	How Does Spasticity Affect Patients with Disorders of Consciousness?. , 2018, , 119-135.		2
61	Global structural integrity and effective connectivity in patients with disorders of consciousness. <i>Brain Stimulation</i> , 2018, 11, 358-365.	0.7	39
62	Theta network centrality correlates with tDCS response in disorders of consciousness. <i>Brain Stimulation</i> , 2018, 11, 1407-1409.	0.7	27
63	Brain, Behavior, and Cognitive Interplay in Disorders of Consciousness: A Multiple Case Study. <i>Frontiers in Neurology</i> , 2018, 9, 665.	1.1	23
64	Effects of Prefrontal Transcranial Direct Current Stimulation and Motivation to Quit in Tobacco Smokers: A Randomized, Sham Controlled, Double-Blind Trial. <i>Frontiers in Pharmacology</i> , 2018, 9, 14.	1.6	26
65	Optimization of Noninvasive Brain Stimulation Clinical Trials. , 2018, , 1627-1635.		0
66	Noninvasive brain stimulation for fine motor improvement after stroke: a meta-analysis. <i>European Journal of Neurology</i> , 2018, 25, 1017-1026.	1.7	82
67	Randomized controlled trial of home-based 4-week tDCS in chronic minimally conscious state. <i>Brain Stimulation</i> , 2018, 11, 982-990.	0.7	93
68	Median nerve stimulation induced motor learning in healthy adults: A study of timing of stimulation and type of learning. <i>European Journal of Neuroscience</i> , 2018, 48, 1667-1679.	1.2	8
69	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
70	Measures of metabolism and complexity in the brain of patients with disorders of consciousness. <i>NeuroImage: Clinical</i> , 2017, 14, 354-362.	1.4	133
71	Repeated stimulation of the posterior parietal cortex in patients in minimally conscious state: A sham-controlled randomized clinical trial. <i>Brain Stimulation</i> , 2017, 10, 718-720.	0.7	35
72	Patterns of brain oscillations across different electrode montages in transcranial pulsed current stimulation. <i>NeuroReport</i> , 2017, 28, 421-425.	0.6	8

#	ARTICLE	IF	CITATIONS
73	Surface EEG-Transcranial Direct Current Stimulation (tDCS) Closed-Loop System. <i>International Journal of Neural Systems</i> , 2017, 27, 1750026.	3.2	35
74	Brain plasticity after implanted peroneal nerve electrical stimulation to improve gait in chronic stroke patients: Two case reports. <i>NeuroRehabilitation</i> , 2017, 40, 251-258.	0.5	13
75	Delayed pain decrease following M1 tDCS in spinal cord injury: A randomized controlled clinical trial. <i>Neuroscience Letters</i> , 2017, 658, 19-26.	1.0	25
76	Does non-invasive brain stimulation modify hand dexterity? Protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2017, 7, e015669.	0.8	2
77	Strategies for replacing non-invasive brain stimulation sessions: recommendations for designing neurostimulation clinical trials. <i>Expert Review of Medical Devices</i> , 2017, 14, 633-649.	1.4	13
78	Brain networks predict metabolism, diagnosis and prognosis at the bedside in disorders of consciousness. <i>Brain</i> , 2017, 140, 2120-2132.	3.7	225
79	Corticospinal excitability as a biomarker of myofascial pain syndrome. <i>Pain Reports</i> , 2017, 2, e594.	1.4	22
80	Neural signature of tDCS, tPCS and their combination: Comparing the effects on neural plasticity. <i>Neuroscience Letters</i> , 2017, 637, 207-214.	1.0	20
81	Spasticity Management in Disorders of Consciousness. <i>Brain Sciences</i> , 2017, 7, 162.	1.1	22
82	Using Brain Oscillations and Corticospinal Excitability to Understand and Predict Post-Stroke Motor Function. <i>Frontiers in Neurology</i> , 2017, 8, 187.	1.1	48
83	Effects of Transcranial Direct Current Stimulation, Transcranial Pulsed Current Stimulation, and Their Combination on Brain Oscillations in Patients with Chronic Visceral Pain: A Pilot Crossover Randomized Controlled Study. <i>Frontiers in Neurology</i> , 2017, 8, 576.	1.1	15
84	Understanding Negative Results in tDCS Research: The Importance of Neural Targeting and Cortical Engagement. <i>Frontiers in Neuroscience</i> , 2017, 11, 707.	1.4	8
85	Evaluation of fascial manipulation in carpal tunnel syndrome: a pilot randomized clinical trial. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, 53, 630-631.	1.1	7
86	Functional Connectivity Substrates for tDCS Response in Minimally Conscious State Patients. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 257.	1.8	42
87	The Minimal Energetic Requirement of Sustained Awareness after Brain Injury. <i>Current Biology</i> , 2016, 26, 1494-1499.	1.8	88
88	Towards new methods of diagnosis in disorders of consciousness – Authors' reply. <i>Lancet Neurology</i> , The, 2016, 15, 1115-1116.	4.9	6
89	EEG ultradian rhythmicity differences in disorders of consciousness during wakefulness. <i>Journal of Neurology</i> , 2016, 263, 1746-1760.	1.8	85
90	Cerebral response to subject's own name showed high prognostic value in traumatic vegetative state. <i>BMC Medicine</i> , 2015, 13, 83.	2.3	50

#	ARTICLE	IF	CITATIONS
91	Impact of soft splints on upper limb spasticity in chronic patients with disorders of consciousness: A randomized, single-blind, controlled trial. <i>Brain Injury</i> , 2015, 29, 830-836.	0.6	19
92	Clinical Response to tDCS Depends on Residual Brain Metabolism and Grey Matter Integrity in Patients With Minimally Conscious State. <i>Brain Stimulation</i> , 2015, 8, 1116-1123.	0.7	76
93	Changes in cerebral metabolism in patients with a minimally conscious state responding to zolpidem. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 917.	1.0	49
94	Nociception Coma Scale—Revised Scores Correlate With Metabolism in the Anterior Cingulate Cortex. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 149-152.	1.4	36
95	Diagnostic precision of PET imaging and functional MRI in disorders of consciousness: a clinical validation study. <i>Lancet, The</i> , 2014, 384, 514-522.	6.3	433
96	Assessing consciousness in coma and related states using transcranial magnetic stimulation combined with electroencephalography. <i>Annales Francaises D'Anesthesie Et De Reanimation</i> , 2014, 33, 65-71.	1.4	41
97	tDCS in patients with disorders of consciousness. <i>Neurology</i> , 2014, 82, 1112-1118.	1.5	262
98	Spasticity after stroke: Physiology, assessment and treatment. <i>Brain Injury</i> , 2013, 27, 1093-1105.	0.6	301
99	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
100	From unresponsive wakefulness to minimally conscious PLUS and functional locked-in syndromes: recent advances in our understanding of disorders of consciousness. <i>Journal of Neurology</i> , 2011, 258, 1373-1384.	1.8	530
101	Non-invasive brain stimulation for treatment of severe disorders of consciousness in people with acquired brain injury. <i>The Cochrane Library</i> , 0, , .	1.5	1