

# Didier Ledoux

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6852418/publications.pdf>

Version: 2024-02-01

105  
papers

9,540  
citations

70961

41  
h-index

38300

95  
g-index

110  
all docs

110  
docs citations

110  
times ranked

8576  
citing authors

#	ARTICLE	IF	CITATIONS
1	End-of-Life Practices in European Intensive Care Units. JAMA - Journal of the American Medical Association, 2003, 290, 790.	3.8	874
2	Citrate vs. heparin for anticoagulation in continuous venovenous hemofiltration: a prospective randomized study. Intensive Care Medicine, 2004, 30, 260-265.	3.9	860
3	Voluntary brain processing in disorders of consciousness. Neurology, 2008, 71, 1614-1620.	1.5	818
4	Default network connectivity reflects the level of consciousness in non-communicative brain-damaged patients. Brain, 2010, 133, 161-171.	3.7	723
5	Cytokine Serum Level During Severe Sepsis in Human IL-6 as a Marker of Severity. Annals of Surgery, 1992, 215, 356-362.	2.1	707
6	Effects of perfusion pressure on tissue perfusion in septic shock. Critical Care Medicine, 2000, 28, 2729-2732.	0.4	542
7	Functional connectivity in the default network during resting state is preserved in a vegetative but not in a brain dead patient. Human Brain Mapping, 2009, 30, 2393-2400.	1.9	294
8	Connectivity Changes Underlying Spectral EEG Changes during Propofol-Induced Loss of Consciousness. Journal of Neuroscience, 2012, 32, 7082-7090.	1.7	272
9	tDCS in patients with disorders of consciousness. Neurology, 2014, 82, 1112-1118.	1.5	262
10	A comparison of severity of illness scoring systems for intensive care unit patients. Critical Care Medicine, 1995, 23, 1327-1335.	0.4	213
11	Reasons, considerations, difficulties and documentation of end-of-life decisions in European intensive care units: the ETHICUS Study. Intensive Care Medicine, 2008, 34, 271-277.	3.9	160
12	The Nociception Coma Scale: A new tool to assess nociception in disorders of consciousness. Pain, 2010, 148, 215-219.	2.0	153
13	A survey on self-assessed well-being in a cohort of chronic locked-in syndrome patients: happy majority, miserable minority. BMJ Open, 2011, 1, e000039-e000039.	0.8	153
14	Changes in End-of-Life Practices in European Intensive Care Units From 1999 to 2016. JAMA - Journal of the American Medical Association, 2019, 322, 1692.	3.8	144
15	Attitudes towards end-of-life issues in disorders of consciousness: a European survey. Journal of Neurology, 2011, 258, 1058-1065.	1.8	139
16	Procalcitonin usefulness for the initiation of antibiotic treatment in intensive care unit patients*. Critical Care Medicine, 2012, 40, 2304-2309.	0.4	120
17	Relieving suffering or intentionally hastening death: Where do you draw the line?*. Critical Care Medicine, 2008, 36, 8-13.	0.4	115
18	Comparison between blood serum and salivary cortisol concentrations in horses using an adrenocorticotrophic hormone challenge. Equine Veterinary Journal, 2011, 43, 487-493.	0.9	115

#	ARTICLE	IF	CITATIONS
19	Prevention of Ventilator-Associated Pneumonia and Ventilator-Associated Conditions. <i>Critical Care Medicine</i> , 2015, 43, 22-30.	0.4	103
20	Diagnostic and prognostic use of bispectral index in coma, vegetative state and related disorders. <i>Brain Injury</i> , 2008, 22, 926-931.	0.6	101
21	Neuroimaging activation studies in the vegetative state: predictors of recovery?. <i>Clinical Medicine</i> , 2008, 8, 502-507.	0.8	97
22	Automated EEG entropy measurements in coma, vegetative state/unresponsive wakefulness syndrome and minimally conscious state. <i>Functional Neurology</i> , 2011, 26, 25-30.	1.3	95
23	Sleep in disorders of consciousness. <i>Sleep Medicine Reviews</i> , 2010, 14, 97-105.	3.8	87
24	On the Cerebral Origin of EEG Responses to TMS: Insights From Severe Cortical Lesions. <i>Brain Stimulation</i> , 2015, 8, 142-149.	0.7	87
25	Characteristics of Near-Death Experiences Memories as Compared to Real and Imagined Events Memories. <i>PLoS ONE</i> , 2013, 8, e57620.	1.1	87
26	Expanding controlled donation after the circulatory determination of death: statement from an international collaborative. <i>Intensive Care Medicine</i> , 2021, 47, 265-281.	3.9	80
27	Different beliefs about pain perception in the vegetative and minimally conscious states: a European survey of medical and paramedical professionals. <i>Progress in Brain Research</i> , 2009, 177, 329-338.	0.9	78
28	“Piece of mind: End of life in the intensive care unit Statement of the Belgian Society of Intensive Care Medicine. <i>Journal of Critical Care</i> , 2014, 29, 174-175.	1.0	78
29	Dualism Persists in the Science of Mind. <i>Annals of the New York Academy of Sciences</i> , 2009, 1157, 1-9.	1.8	75
30	Comparison of the Full Outline of UnResponsiveness and Glasgow Liege Scale/Glasgow Coma Scale in an Intensive Care Unit Population. <i>Neurocritical Care</i> , 2011, 15, 447-453.	1.2	73
31	A fast and general method to empirically estimate the complexity of brain responses to transcranial and intracranial stimulations. <i>Brain Stimulation</i> , 2019, 12, 1280-1289.	0.7	64
32	Successful clinical transplantation of hearts donated after circulatory death using normothermic regional perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 593-598.	0.3	60
33	What is the potential increase in the heart graft pool by cardiac donation after circulatory death?. <i>Transplant International</i> , 2013, 26, 61-66.	0.8	59
34	Near-death experiences in non-life-threatening events and coma of different etiologies. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 203.	1.0	58
35	SAPS 3 admission score: an external validation in a general intensive care population. <i>Intensive Care Medicine</i> , 2008, 34, 1873-1877.	3.9	56
36	Persistent hypocoagulability in patients with septic shock predicts greater hospital mortality: impact of impaired thrombin generation. <i>Intensive Care Medicine</i> , 2012, 38, 1326-1335.	3.9	55

#	ARTICLE	IF	CITATIONS
37	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury. <i>JAMA Neurology</i> , 2021, 78, 1137.	4.5	53
38	Quantifying consciousness. <i>Lancet Neurology</i> , The, 2005, 4, 789-790.	4.9	51
39	Burnout in healthcare workers managing chronic patients with disorders of consciousness. <i>Brain Injury</i> , 2012, 26, 1493-1499.	0.6	48
40	Measuring brain synaptic vesicle protein 2A with positron emission tomography and [ <sup>18</sup> F]UCBâ€H. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 481-486.	1.8	47
41	Effects of cholecalciferol supplementation and optimized calcium intakes on vitamin D status, muscle strength and bone health: A one-year pilot randomized controlled trial in adults with severe burns. <i>Burns</i> , 2015, 41, 317-325.	1.1	45
42	Pain Perception in Disorders of Consciousness: Neuroscience, Clinical Care, and Ethics in Dialogue. <i>Neuroethics</i> , 2013, 6, 37-50.	1.7	44
43	Effect of celecoxib combined with thoracic epidural analgesia on pain after thoracotomy. <i>British Journal of Anaesthesia</i> , 2010, 105, 196-200.	1.5	41
44	Prevalence, characteristics and risk factors of chronic postsurgical pain after laparoscopic colorectal surgery. <i>European Journal of Anaesthesiology</i> , 2015, 32, 712-717.	0.7	41
45	Consensus statement on normothermic regional perfusion in donation after circulatory death: Report from the European Society for Organ Transplantationâ€™s Transplant Learning Journey. <i>Transplant International</i> , 2021, 34, 2019-2030.	0.8	41
46	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38? 20, 627-638.	4.9	40
47	Assessment of consciousness with electrophysiological and neurological imaging techniques. <i>Current Opinion in Critical Care</i> , 2011, 17, 146-151.	1.6	38
48	Combination therapy versus monotherapy: a randomised pilot study on the evolution of inflammatory parameters after ventilator associated pneumonia [ISRCTN31976779]. <i>Critical Care</i> , 2006, 10, R52.	2.5	37
49	&lt;p&gt;Hypnosis Associated with 3D Immersive Virtual Reality Technology in the Management of Pain: A Review of the Literature&lt;/p&gt;. <i>Journal of Pain Research</i> , 2020, Volume 13, 1129-1138.	0.8	35
50	Effect of frailty on 6-month outcome after traumatic brain injury: a multicentre cohort study with external validation. <i>Lancet Neurology</i> , The, 2022, 21, 153-162.	4.9	34
51	Directed Information Transfer in Scalp Electroencephalographic Recordings. <i>Clinical EEG and Neuroscience</i> , 2014, 45, 33-39.	0.9	32
52	Transplantation of donor hearts after circulatory death using normothermic regional perfusion and cold storage preservation. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 813-819.	0.6	32
53	Changing care pathways and between-center practice variations in intensive care for traumatic brain injury across Europe: a CENTER-TBI analysis. <i>Intensive Care Medicine</i> , 2020, 46, 995-1004.	3.9	31
54	Occurrence and timing of withdrawal of life-sustaining measures in traumatic brain injury patients: a CENTER-TBI study. <i>Intensive Care Medicine</i> , 2021, 47, 1115-1129.	3.9	31

#	ARTICLE	IF	CITATIONS
55	A Comparison of 0.1% and 0.2% Ropivacaine and Bupivacaine Combined with Morphine for Postoperative Patient-Controlled Epidural Analgesia After Major Abdominal Surgery. <i>Anesthesia and Analgesia</i> , 2002, 95, 444-449.	1.1	29
56	Intensive care unit acquired infection and organ failure. <i>Intensive Care Medicine</i> , 2008, 34, 856-864.	3.9	29
57	Effect of cholecalciferol recommended daily allowances on vitamin D status and fibroblast growth factor-23: An observational study in acute burn patients. <i>Burns</i> , 2014, 40, 865-870.	1.1	28
58	Correlation between endotoxin level and bacterial count in bronchoalveolar lavage fluid of ventilated patients. <i>Critical Care Medicine</i> , 2000, 28, 2825-2830.	0.4	27
59	Prognosis of Patients with Altered State of Consciousness. , 2012, , 11-23.		27
60	Critical care and vitamin D status assessment: What about immunoassays and calculated free 25OH-D?. <i>Clinica Chimica Acta</i> , 2014, 437, 43-47.	0.5	27
61	Breakthrough in cardiac arrest: reports from the 4th Paris International Conference. <i>Annals of Intensive Care</i> , 2015, 5, 22.	2.2	27
62	Bronchoalveolar lavage fluids of ventilated patients with acute lung injury activate NF- $\kappa$ B in alveolar epithelial cell line: role of reactive oxygen/nitrogen species and cytokines. <i>Nitric Oxide - Biology and Chemistry</i> , 2003, 9, 33-43.	1.2	25
63	Swallowing in individuals with disorders of consciousness: A cohort study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101403.	1.1	25
64	A More Than 20% Increase in Deceased-Donor Organ Procurement and Transplantation Activity After the Use of Donation After Circulatory Death. <i>Transplantation Proceedings</i> , 2014, 46, 9-13.	0.3	23
65	Can hypnosis and virtual reality reduce anxiety, pain and fatigue among patients who undergo cardiac surgery: a randomised controlled trial. <i>Trials</i> , 2020, 21, 330.	0.7	23
66	Selection of resistance during sequential use of preferential antibiotic classes. <i>Intensive Care Medicine</i> , 2006, 32, 67-74.	3.9	21
67	First report of a successful pediatric heart transplantation from donation after circulatory death with distant procurement using normothermic regional perfusion and cold storage. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 1112-1115.	0.3	21
68	Virtual reality and hypnosis for anxiety and pain management in intensive care units. <i>European Journal of Anaesthesiology</i> , 2022, 39, 58-66.	0.7	21
69	Cystatin C blood level as a risk factor for death after heart surgery. <i>European Heart Journal</i> , 2007, 28, 1848-1853.	1.0	19
70	End of Life Care in the Operating Room for Non-Heart-Beating Donors: Organization at the University Hospital of Liège. <i>Transplantation Proceedings</i> , 2011, 43, 3441-3444.	0.3	19
71	Toward Targeted Early Burn Care. <i>Journal of Burn Care and Research</i> , 2014, 35, e234-e239.	0.2	19
72	CAN SUBJECTIVE RATINGS OF ABSORPTION, DISSOCIATION, AND TIME PERCEPTION DURING "NEUTRAL HYPNOSIS" PREDICT HYPNOTIZABILITY?: An exploratory study. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2019, 67, 28-38.	1.1	19

#	ARTICLE	IF	CITATIONS
73	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , 2020, 125, 505-517.	1.5	19
74	Occurrence of MRSA Endocarditis During Linezolid Treatment. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2003, 22, 372-373.	1.3	18
75	Vitamin D status after a high dose of cholecalciferol in healthy and burn subjects. <i>Burns</i> , 2015, 41, 1028-1034.	1.1	18
76	Nitrated proteins in bronchoalveolar lavage fluid of patients at risk of ventilator-associated bronchopneumonia. <i>European Respiratory Journal</i> , 2000, 16, 296.	3.1	17
77	A Comparison of 0.1% and 0.2% Ropivacaine and Bupivacaine Combined with Morphine for Postoperative Patient-Controlled Epidural Analgesia After Major Abdominal Surgery. <i>Anesthesia and Analgesia</i> , 2002, 95, 444-449.	1.1	16
78	The use of protocols for nutritional support is definitely needed in the intensive care unit*. <i>Critical Care Medicine</i> , 2004, 32, 2354-2355.	0.4	16
79	The Effect of Intraoperative 6% Balanced Hydroxyethyl Starch (130/0.4) During Cardiac Surgery on Transfusion Requirements. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 328-332.	0.6	16
80	Comparison Between Two Intraoperative Intravenous Loading Doses of Paracetamol on Pain After Minor Hand Surgery: Two Grams Versus One Gram. <i>Acta Chirurgica Belgica</i> , 2010, 110, 529-532.	0.2	15
81	Severity of ICU-acquired pneumonia according to infectious microorganisms. <i>Intensive Care Medicine</i> , 2011, 37, 1128-1135.	3.9	13
82	Bronchoalveolar lavage fluids of patients with lung injury activate the transcription factor nuclear factor- $\kappa$ B in an alveolar cell line. <i>Clinical Science</i> , 2002, 103, 577-585.	1.8	12
83	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 814-830.	1.4	12
84	Frequency of fatigue and its changes in the first 6 months after traumatic brain injury: results from the CENTER-TBI study. <i>Journal of Neurology</i> , 2021, 268, 61-73.	1.8	12
85	Recommendations for further improvement of the deceased organ donation process in Belgium. <i>Acta Clinica Belgica</i> , 2016, 71, 303-312.	0.5	11
86	SECONDS Administration Guidelines: A Fast Tool to Assess Consciousness in Brain-injured Patients. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	11
87	Cerebral subarachnoid blood migration consecutive to a lumbar haematoma after spinal anaesthesia. <i>Acta Anaesthesiologica Scandinavica</i> , 2008, 52, 1021-1023.	0.7	10
88	Évaluation du pronostic neurologique dans les encéphalopathies postanoxiques. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2008, 17, 613-617.	0.1	10
89	Does comfort therapy during controlled donation after circulatory death shorten the life of potential donors?. <i>Clinical Transplantation</i> , 2014, 28, 47-51.	0.8	10
90	Nutrition During Critical Care: An Audit on Actual Energy and Protein Intakes. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, 45, 951-960.	1.3	10

#	ARTICLE	IF	CITATIONS
91	How do 66 European institutional review boards approve one protocol for an international prospective observational study on traumatic brain injury? Experiences from the CENTER-TBI study. <i>BMC Medical Ethics</i> , 2020, 21, 36.	1.0	10
92	Effect of Plasma Anticonvulsant Level on Pipecuronium-induced Neuromuscular Blockade. <i>Journal of Neurosurgical Anesthesiology</i> , 1995, 7, 254-258.	0.6	9
93	Impact of Operator Expertise on Collection of the APACHE II Score and on the Derived Risk of Death and Standardized Mortality Ratio. <i>Anaesthesia and Intensive Care</i> , 2005, 33, 585-590.	0.2	9
94	Informed consent procedures in patients with an acute inability to provide informed consent: Policy and practice in the CENTER-TBI study. <i>Journal of Critical Care</i> , 2020, 59, 6-15.	1.0	8
95	Clinical sedation and bispectral index in burn children receiving gamma-hydroxybutyrate. <i>Paediatric Anaesthesia</i> , 2012, 22, 799-804.	0.6	7
96	Les échelles d'évaluation des états de conscience altérés. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2008, 17, 695-701.	0.1	6
97	Targeted temperature management and neuroprognostication after cardiac arrest: A survey in Belgium. <i>Resuscitation</i> , 2015, 96, e1-e2.	1.3	6
98	Quality indicators for patients with traumatic brain injury in European intensive care units: a CENTER-TBI study. <i>Critical Care</i> , 2020, 24, 78.	2.5	4
99	Mapping the functional brain state of a world champion freediver in static dry apnea. <i>Brain Structure and Function</i> , 2021, 226, 2675-2688.	1.2	4
100	Effect of gamma-hydroxybutyrate on keratinocytes proliferation: A preliminary prospective controlled study in severe burn patients. <i>International Journal of Critical Illness and Injury Science</i> , 2014, 4, 108.	0.2	3
101	Novel method of transpulmonary pressure measurement with an air-filled esophageal catheter. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 47.	0.9	3
102	Quality of Life and End-of-Life Decisions After Brain Injury. <i>Social Indicators Research Series</i> , 2013, , 95-110.	0.3	3
103	Comparaison entre les dépenses énergétiques mesurées par Deltatrac II® et celles mesurées par le COVX® chez des patients agressés: Étude prospective observationnelle. <i>Nutrition Clinique Et Metabolisme</i> , 2016, 30, 297-302.	0.2	2
104	Feasibility of extracorporeal membrane oxygenation cardiopulmonary resuscitation by low volume centers in Belgium. <i>Journal of the American College of Emergency Physicians Open</i> , 2021, 2, e12484.	0.4	2
105	Organ donation after circulatory death: please avoid undue haste!. <i>Intensive Care Medicine</i> , 2021, 47, 722-723.	3.9	1