Donel M Martin

List of Publications by Year
in descending order

115 papers	4,500 citations	101543 36 h-index	114465 63 g-index
128 all docs	128 docs citations	128 times ranked	4080 citing authors

#	Article	IF	Citations
1	A novel approach for targeting the left dorsolateral prefrontal cortex for transcranial magnetic stimulation using a cognitive task. Experimental Brain Research, 2022, 240, 71-80.	1.5	2
2	Digital technology for addressing cognitive impairment in recent-onset psychosis: A perspective. Schizophrenia Research: Cognition, 2022, 28, 100247.	1.3	8
3	A Clinical Case Series of Acute and Maintenance Home Administered Transcranial Direct Current Stimulation in Treatment-Resistant Depression. Journal of ECT, 2022, 38, e11-e19.	0.6	4
4	The Impact of Electroconvulsive Therapy on Negative Symptoms in Schizophrenia and Their Association with Clinical Outcomes. Brain Sciences, 2022, 12, 545.	2.3	2
5	Causal evidence of the roles of the prefrontal and occipital cortices in modulating the impact of color on moral judgement. Neuropsychologia, 2022, , 108267.	1.6	0
6	tDCS effects on task-related activation and working memory performance in traumatic brain injury: A within group randomized controlled trial. Neuropsychological Rehabilitation, 2021, 31, 814-836.	1.6	11
7	Association of Anaesthesia-ECT time interval with ECT clinical outcomes: A retrospective cohort study. Journal of Affective Disorders, 2021, 285, 58-62.	4.1	3
8	An investigation of working memory deficits in depression using the n-back task: A systematic review and meta-analysis. Journal of Affective Disorders, 2021, 284, 1-8.	4.1	71
9	Ketamine treatment for depression: A model of care. Australian and New Zealand Journal of Psychiatry, 2021, 55, 1134-1143.	2.3	3
10	The Impact of COVID-19 on Electroconvulsive Therapy. Journal of ECT, 2021, Publish Ahead of Print, .	0.6	6
11	Comparative outcomes in electroconvulsive therapy (ECT): A naturalistic comparison between outcomes in psychosis, mania, depression, psychotic depression and catatonia. European Neuropsychopharmacology, 2021, 51, 43-54.	0.7	19
12	Behavioural and neurophysiological differences in working memory function of depressed patients and healthy controls. Journal of Affective Disorders, 2021, 295, 559-568.	4.1	10
13	Transcranial direct current stimulation (tDCS) combined with cognitive emotional training (CET) as a novel treatment for depression. , 2021, , 447-456.		0
14	Clinical Research and Methodological Aspects for tDCS Research. , 2021, , 265-279.		1
15	Effects of modifying the electrode placement and pulse width on cognitive side effects with unilateral ECT: A pilot randomised controlled study with computational modelling. Brain Stimulation, 2021, 14, 1489-1497.	1.6	4
16	Cognitive effects of brief and ultrabrief pulse bitemporal electroconvulsive therapy: a randomised controlled proof-of-concept trial. Psychological Medicine, 2020, 50, 1121-1128.	4.5	9
17	Effects of the Anaesthetic-ECT time interval and ventilation rate on seizure quality in electroconvulsive therapy: A prospective randomised trial. Brain Stimulation, 2020, 13, 450-456.	1.6	9
18	Transcranial Random Noise Stimulation for the Acute Treatment of Depression: A Randomized Controlled Trial. International Journal of Neuropsychopharmacology, 2020, 23, 146-156.	2.1	9

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19	Efficacy and acceptability of transcranial direct current stimulation (tDCS) for major depressive disorder: An individual patient data meta-analysis. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 99, 109836.	4.8	96
20	Assessing neurophysiological changes associated with combined transcranial direct current stimulation and cognitiveâ€emotional training for treatmentâ€resistant depression. European Journal of Neuroscience, 2020, 51, 2119-2133.	2.6	11
21	Development of the Ketamine Side Effect Tool (KSET). Journal of Affective Disorders, 2020, 266, 615-620.	4.1	28
22	The left anterior right temporal (LART) placement for electroconvulsive therapy: A computational modelling study. Psychiatry Research - Neuroimaging, 2020, 304, 111157.	1.8	7
23	Outcomes in patients with and without capacity in electroconvulsive therapy. Journal of Affective Disorders, 2020, 266, 151-157.	4.1	19
24	Neurocognitive effects of transcranial direct current stimulation (tDCS) in unipolar and bipolar depression: Findings from an international randomized controlled trial. Depression and Anxiety, 2020, 37, 261-272.	4.1	24
25	The ictal EEG in ECT: A systematic review of the relationships between ictal features, ECT technique, seizure threshold and outcomes. Brain Stimulation, 2020, 13, 1644-1654.	1.6	19
26	Neurocognitive subgroups in major depressive disorder.. Neuropsychology, 2020, 34, 726-734.	1.3	12
27	Brief cognitive screening instruments for electroconvulsive therapy: Which one should I use?. Australian and New Zealand Journal of Psychiatry, 2020, 54, 867-873.	2.3	9
28	A Comparison of Computerized Versus Pen-and-Paper Cognitive Tests for Monitoring Electroconvulsive Therapyâ€“Related Cognitive Side Effects. Journal of ECT, 2020, 36, 260-264.	0.6	2
29	Effects of High-Definition Transcranial Direct Current Stimulation and Theta Burst Stimulation for Modulating the Posterior Parietal Cortex. Journal of the International Neuropsychological Society, 2019, 25, 972-984.	1.8	9
30	A systematic review and computational modelling analysis of unilateral montages in electroconvulsive therapy. Acta Psychiatrica Scandinavica, 2019, 140, 408-425.	4.5	4
31	A Pilot Double-Blind Randomized Controlled Trial of Cognitive Training Combined with Transcranial Direct Current Stimulation for Amnestic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2019, 71, 503-512.	2.6	27
32	Methodological Considerations for Transcranial Direct Current Stimulation in Clinical Trials. , 2019, , 347-377.		3
33	Methodological Considerations for Selection of Transcranial Direct Current Stimulation Approach, Protocols and Devices. , 2019, , 199-223.		1
34	Computational comparison of conventional and novel electroconvulsive therapy electrode placements for the treatment of depression. European Psychiatry, 2019, 60, 71-78.	0.2	5
35	The anaesthetic-ECT time interval with thiopentoneâ€”Impact on seizure quality. Journal of Affective Disorders, 2019, 252, 135-140.	4.1	7
36	Pilot trial of home-administered transcranial direct current stimulation for the treatment of depression. Journal of Affective Disorders, 2019, 252, 475-483.	4.1	70

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37	A Critical Review and Synthesis of Clinical and Neurocognitive Effects of Noninvasive Neuromodulation Antidepressant Therapies. Focus (American Psychiatric Publishing), 2019, 17, 18-29.	0.8	15
38	A reply to comments by Lee and colleagues on: Repeated intranasal ketamine for treatment resistant depression â€“ the way to go? Results from a pilot randomised controlled trial. Journal of Psychopharmacology, 2019, 33, 260-261.	4.0	0
39	A Retrospective Study of Cognitive Improvement Following Electroconvulsive Therapy in Schizophrenia Inpatients. Journal of ECT, 2019, 35, 170-177.	0.6	9
40	Comparison of Site Localization Techniques for Brain Stimulation. Journal of ECT, 2019, 35, 127-132.	0.6	9
41	Effectiveness and Cognitive Changes With Ultrabrief Right Unilateral and Other Forms of Electroconvulsive Therapy in the Treatment of Mania. Journal of ECT, 2019, 35, 40-43.	0.6	12
42	Finite Element Modelling Framework for Electroconvulsive Therapy and Other Transcranial Stimulations. , 2019, , 27-47.		2
43	Cognitive effects of transcranial direct current stimulation treatment in patients with major depressive disorder: An individual patient data meta-analysis of randomised, sham-controlled trials. Neuroscience and Biobehavioral Reviews, 2018, 90, 137-145.	6.1	51
44	Clinical pilot study of transcranial direct current stimulation combined with Cognitive Emotional Training for medication resistant depression. Journal of Affective Disorders, 2018, 232, 89-95.	4.1	33
45	Effects of TDCS dosage on working memory in healthy participants. Brain Stimulation, 2018, 11, 518-527.	1.6	78
46	Repeated intranasal ketamine for treatment-resistant depression â€“ the way to go? Results from a pilot randomised controlled trial. Journal of Psychopharmacology, 2018, 32, 397-407.	4.0	66
47	A response to comments by Dr. Mohammad Alwardat on â€œSafety ofÂrepeated sessions of transcranial direct current stimulation: AÂsystematic reviewâ€. Brain Stimulation, 2018, 11, 938-941.	1.6	0
48	Validation of the 10-Item Orientation Questionnaire. Journal of ECT, 2018, 34, 21-25.	0.6	10
49	International randomized-controlled trial of transcranial Direct Current Stimulation in depression. Brain Stimulation, 2018, 11, 125-133.	1.6	151
50	Safety of repeated sessions of transcranial direct current stimulation: A systematic review. Brain Stimulation, 2018, 11, 278-288.	1.6	87
51	The Clinical Alliance and Research in Electroconvulsive Therapy Network. Journal of ECT, 2018, 34, 7-13.	0.6	40
52	Special Issue on Transcranial Direct Current Stimulation. Journal of ECT, 2018, 34, 135-136.	0.6	1
53	Cognitive Effects of Transcranial Direct Current Stimulation in Healthy and Clinical Populations. Journal of ECT, 2018, 34, e25-e35.	0.6	59
54	Response to Rosenman â€˜electroconvulsive therapy stimulus titration: Not all it seemsâ€™. Australian and New Zealand Journal of Psychiatry, 2018, 52, 711-712.	2.3	3

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55	Pre-treatment attentional processing speed and antidepressant response to transcranial direct current stimulation: Results from an international randomized controlled trial. Brain Stimulation, 2018, 11, 1282-1290.	1.6	11
56	Transcranial Direct Current Stimulation in the Acute Depressive Episode. Journal of ECT, 2018, 34, 153-163.	0.6	40
57	Effects of High-Definition Transcranial Direct Current Stimulation (HD-tDCS) of the Intraparietal Sulcus and Dorsolateral Prefrontal Cortex on Working Memory and Divided Attention. Frontiers in Integrative Neuroscience, 2018, 12, 64.	2.1	36
58	Computational models of Bitemporal, Bifrontal and Right Unilateral ECT predict differential stimulation of brain regions associated with efficacy and cognitive side effects. European Psychiatry, 2017, 41, 21-29.	0.2	33
59	Pilot Randomized Controlled Trial of Titrated Subcutaneous Ketamine in Older Patients with Treatment-Resistant Depression. American Journal of Geriatric Psychiatry, 2017, 25, 1199-1209.	1.2	85
60	644. Neurocognitive Effects of Transcranial Direct Current Stimulation (tDCS) in Unipolar and Bipolar Depression: Results from an International Randomized Controlled Trial. Biological Psychiatry, 2017, 81, S261.	1.3	2
61	Cognitive enhancing effects of rTMS administered to the prefrontal cortex in patients with depression: A systematic review and meta-analysis of individual task effects. Depression and Anxiety, 2017, 34, 1029-1039.	4.1	117
62	73. Efficacy of Transcranial Direct Current Stimulation in Unipolar and Bipolar Depression: Results from an International Randomized Controlled Trial. Biological Psychiatry, 2017, 81, S30-S31.	1.3	0
63	Commentary on Bennett and Colleagues. Journal of ECT, 2017, 33, 68-68.	0.6	0
64	Effectiveness of Electroconvulsive Therapy and Associated Cognitive Change in Schizophrenia. Journal of ECT, 2017, 33, 272-277.	0.6	31
65	168. Transcranial Direct Current Stimulation (tDCS) Combined with Computerized Cognitive Training to Enhance Memory in People with Amnestic Mild Cognitive Impairment (aMCI): Preliminary Results from a Pilot Randomized Controlled Trial. Biological Psychiatry, 2017, 81, S69-S70.	1.3	1
66	Predicting tDCS treatment outcomes of patients with major depressive disorder using automated EEG classification. Journal of Affective Disorders, 2017, 208, 597-603.	4.1	69
67	Combined effect of prefrontal transcranial direct current stimulation and a working memory task on heart rate variability. PLoS ONE, 2017, 12, e0181833.	2.5	49
68	Change in Mean Frequency of Resting-State Electroencephalography after Transcranial Direct Current Stimulation. Frontiers in Human Neuroscience, 2016, 10, 270.	2.0	57
69	Transcranial Direct Current Stimulation as a Treatment for Depression in the Hemodialysis Setting. Psychosomatics, 2016, 57, 305-309.	2.5	3
70	Clinical Research and Methodological Aspects for tDCS Research. , 2016, , 393-404.		4
71	Does Therapeutic Repetitive Transcranial Magnetic Stimulation Cause Cognitive Enhancing Effects in Patients with Neuropsychiatric Conditions? A Systematic Review and Meta-Analysis of Randomised Controlled Trials. Neuropsychology Review, 2016, 26, 295-309.	4.9	47
72	Study design and methodology for a multicentre, randomised controlled trial of transcranial direct current stimulation as a treatment for unipolar and bipolar depression. Contemporary Clinical Trials, 2016, 51, 65-71.	1.8	18

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73	A Brief Measure for Assessing Patient Perceptions of Cognitive Side Effects After Electroconvulsive Therapy. Journal of ECT, 2016, 32, 256-261.	0.6	15
74	Pre-treatment letter fluency performance predicts antidepressant response to transcranial direct current stimulation. Journal of Affective Disorders, 2016, 203, 130-135.	4.1	19
75	A systematic review of transcranial electrical stimulation combined with cognitive training. Restorative Neurology and Neuroscience, 2015, 33, 263-278.	0.7	74
76	Transcranial direct current stimulation to enhance cognition in euthymic bipolar disorder. Bipolar Disorders, 2015, 17, 849-858.	1.9	22
77	Revisiting Frontoparietal Montage in Electroconvulsive Therapy. Journal of ECT, 2015, 31, e7-e13.	0.6	11
78	Effects of COMT, DRD2, BDNF, and APOE Genotypic Variation on Treatment Efficacy and Cognitive Side Effects of Electroconvulsive Therapy. Journal of ECT, 2015, 31, 129-135.	0.6	16
79	Clinical Pilot Study and Computational Modeling of Bitemporal Transcranial Direct Current Stimulation, and Safety of Repeated Courses of Treatment, in Major Depression. Journal of ECT, 2015, 31, 226-233.	0.6	20
80	Neuromodulation Therapies for Geriatric Depression. Current Psychiatry Reports, 2015, 17, 59.	4.5	44
81	Focalised stimulation using high definition transcranial direct current stimulation (HD-tDCS) to investigate declarative verbal learning and memory functioning. NeuroImage, 2015, 117, 11-19.	4.2	132
82	Transcranial Direct Current Stimulation to Enhance Cognitive Remediation in Schizophrenia. Brain Stimulation, 2015, 8, 307-309.	1.6	6
83	A systematic review and meta-analysis of brief vs ultrabrief right unilateral electroconvulsive therapy for depression. Brain Stimulation, 2015, 8, 310.	1.6	2
84	Predicting Retrograde Autobiographical Memory Changes Following Electroconvulsive Therapy: Relationships between Individual, Treatment, and Early Clinical Factors. International Journal of Neuropsychopharmacology, 2015, 18, pyv067.	2.1	51
85	A Randomized Controlled Trial of Brief and Ultrabrief Pulse Right Unilateral Electroconvulsive Therapy. International Journal of Neuropsychopharmacology, 2015, 18, .	2.1	34
86	Cognitive function and lifetime features of depression and bipolar disorder in a large population sample: Cross-sectional study of 143,828 UK Biobank participants. European Psychiatry, 2015, 30, 950-958.	0.2	46
87	A Systematic Review and Meta-Analysis of Brief Versus Ultrabrief Right Unilateral Electroconvulsive Therapy for Depression. Journal of Clinical Psychiatry, 2015, 76, e1092-e1098.	2.2	150
88	Modulation of Cortical Activity by Transcranial Direct Current Stimulation in Patients with Affective Disorder. PLoS ONE, 2014, 9, e98503.	2.5	33
89	A pilot study of alternative transcranial direct current stimulation electrode montages for the treatment of major depression. Journal of Affective Disorders, 2014, 167, 251-258.	4.1	37
90	Use of transcranial direct current stimulation (tDCS) to enhance cognitive training: effect of timing of stimulation. Experimental Brain Research, 2014, 232, 3345-3351.	1.5	203

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91	Increase in PAS-induced neuroplasticity after a treatment courseof transcranial direct current stimulation for depression. Journal of Affective Disorders, 2014, 167, 140-147.	4.1	55
92	Transcranial direct current stimulation (tDCS) for depression: Analysis of response using a three-factor structure of the Montgomeryâ€“Ã…sberg depression rating scale. Journal of Affective Disorders, 2013, 150, 91-95.	4.1	36
93	Neuroplasticity in Depressed Individuals Compared with Healthy Controls. Neuropsychopharmacology, 2013, 38, 2101-2108.	5.4	149
94	A new early cognitive screening measure to detect cognitive side-effects of electroconvulsive therapy?. Journal of Psychiatric Research, 2013, 47, 1967-1974.	3.1	33
95	Transcranial direct current stimulation treatment protocols: should stimulus intensity be constant or incremental over multiple sessions?. International Journal of Neuropsychopharmacology, 2013, 16, 13-21.	2.1	48
96	Continuation transcranial direct current stimulation for the prevention of relapse in major depression. Journal of Affective Disorders, 2013, 144, 274-278.	4.1	71
97	Can transcranial direct current stimulation enhance outcomes from cognitive training? A randomized controlled trial in healthy participants. International Journal of Neuropsychopharmacology, 2013, 16, 1927-1936.	2.1	176
98	Augmenting Transcranial Direct Current Stimulation With D-Cycloserine for Depression. Journal of ECT, 2013, 29, 196-200.	0.6	4
99	A review of ultrabrief pulse width electroconvulsive therapy. Therapeutic Advances in Chronic Disease, 2012, 3, 69-85.	2.5	39
100	Transcranial direct current stimulation for depression: 3-week, randomised, sham-controlled trial. British Journal of Psychiatry, 2012, 200, 52-59.	2.8	385
101	Could transcranial direct current stimulation have unexpected additional benefits in the treatment of depressed patients?. Expert Review of Neurotherapeutics, 2012, 12, 751-753.	2.8	9
102	Treatment of Major Depressive Disorder by Transcranial Random Noise Stimulation: Case Report of a Novel Treatment. Biological Psychiatry, 2012, 72, e9-e10.	1.3	25
103	Daily transcranial direct current stimulation (tDCS) leads to greater increases in cortical excitability than second daily transcranial direct current stimulation. Brain Stimulation, 2012, 5, 208-213.	1.6	174
104	Fronto-extracephalic transcranial direct current stimulation as a treatment for major depression: An open-label pilot study. Journal of Affective Disorders, 2011, 134, 459-463.	4.1	94
105	Avoiding skin burns with transcranial direct current stimulation: preliminary considerations. International Journal of Neuropsychopharmacology, 2011, 14, 425-426.	2.1	81
106	Hypomania Induction in a Patient With Bipolar II Disorder by Transcranial Direct Current Stimulation (tDCS). Journal of ECT, 2011, 27, 256-258.	0.6	53
107	A double-blind, sham-controlled trial of transcranial direct current stimulation for the treatment of depression. International Journal of Neuropsychopharmacology, 2010, 13, 61.	2.1	229
108	Chronic neuropathic pain alleviation after transcranial direct current stimulation to the dorsolateral prefrontal cortex. Brain Stimulation, 2009, 2, 149-151.	1.6	14

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109	Free testosterone levels, attentional control, and processing speed performance in aging men.. Neuropsychology, 2009, 23, 158-167.	1.3	6
110	Transcranial Direct Current Stimulation Priming of Therapeutic Repetitive Transcranial Magnetic Stimulation. Journal of ECT, 2009, 25, 256-260.	0.6	26
111	Endogenous testosterone levels, mental rotation performance, and constituent abilities in middle-to-older aged men. Hormones and Behavior, 2008, 53, 431-441.	2.1	31
112	Testosterone and cognitive function in ageing men: Data from the Florey Adelaide Male Ageing Study (FAMAS). Maturitas, 2007, 57, 182-194.	2.4	51
113	Gonadal steroids and visuo-spatial abilities in adult males: Implications for generalized age-related cognitive decline. Aging Male, 2007, 10, 17-29.	1.9	19
114	The backscattering instrument MUSICAL and test experiments. Journal of Neutron Research, 1996, 5, 89-96.	1.1	0
115	Rotational tunneling studies of methane films adsorbed on MgO: Crossover from two-to-three dimensions?. Physica B: Condensed Matter, 1996, 226, 221-223.	2.7	13