

# Alik S Widge

## List of Publications by Year in descending order

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146  
papers

3,845  
citations

172457

29  
h-index

168389

53  
g-index

166  
all docs

166  
docs citations

166  
times ranked

4030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-loop enhancement and neural decoding of cognitive control in humans. <i>Nature Biomedical Engineering</i> , 2023, 7, 576-588.	22.5	29
2	Hybrid Decoders for Marked Point Process Observations and External Influences. <i>IEEE Transactions on Biomedical Engineering</i> , 2023, 70, 343-353.	4.2	2
3	Reply to "Diagnosis of stress-associated dermatological conditions in New York City safety net hospitals during the pandemic". <i>Journal of the American Academy of Dermatology</i> , 2023, 88, e99.	1.2	0
4	Support, technology and mental health: correlates of trainee workplace satisfaction. <i>Perspectives on Medical Education</i> , 2022, 9, 31-40.	3.5	5
5	Patient-specific connectomic models correlate with, but do not reliably predict, outcomes in deep brain stimulation for obsessive-compulsive disorder. <i>Neuropsychopharmacology</i> , 2022, 47, 965-972.	5.4	22
6	Toolkit for Oscillatory Real-time Tracking and Estimation (TORTE). <i>Journal of Neuroscience Methods</i> , 2022, 366, 109409.	2.5	9
7	Physiologically informed neuromodulation. <i>Journal of the Neurological Sciences</i> , 2022, 434, 120121.	0.6	11
8	Beyond Description and Deficits: How Computational Psychiatry Can Enhance an Understanding of Decision-Making in Anorexia Nervosa. <i>Current Psychiatry Reports</i> , 2022, 24, 77-87.	4.5	6
9	Treating Refractory Mental Illness With Closed-Loop Brain Stimulation: Progress Towards a Patient-Specific Transdiagnostic Approach. <i>Focus (American Psychiatric Publishing)</i> , 2022, 20, 137-151.	0.8	2
10	Risks and Benefits of Cannabis and Cannabinoids in Psychiatry. <i>American Journal of Psychiatry</i> , 2022, 179, 98-109.	7.2	42
11	Computational validity: using computation to translate behaviours across species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200525.	4.0	33
12	Local and distant cortical responses to single pulse intracranial stimulation in the human brain are differentially modulated by specific stimulation parameters. <i>Brain Stimulation</i> , 2022, 15, 491-508.	1.6	24
13	Personalizing Dual-Target Cortical Stimulation with Bayesian Parameter Optimization Successfully Treats Central Post-Stroke Pain: A Case Report. <i>Brain Sciences</i> , 2022, 12, 25.	2.3	4
14	A 16-Channel 60 $\mu$ W Neural Synchrony Processor for Multi-Mode Phase-Locked Neurostimulation. , 2022, , .		2
15	Transcranial Direct Current Stimulation to the Left Dorsolateral Prefrontal Cortex Improves Cognitive Control in Patients With Attention-Deficit/Hyperactivity Disorder: A Randomized Behavioral and Neurophysiological Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 439-448.	1.5	12
16	Deep brain stimulation for psychiatric disorders: From focal brain targets to cognitive networks. <i>NeuroImage</i> , 2021, 225, 117515.	4.2	63
17	Psychedelics and Psychedelic-Assisted Psychotherapy. <i>Focus (American Psychiatric Publishing)</i> , 2021, 19, 95-115.	0.8	6
18	Region-Level Functional and Effective Network Analysis of Human Brain During Cognitive Task Engagement. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 1651-1660.	4.9	7

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19	Cross-sectional survey examining skin picking and hair pulling disorders during the COVID-19 pandemic. <i>Journal of the American Academy of Dermatology</i> , 2021, 84, 771-773.	1.2	12
20	Transcranial Direct Current Stimulation to the Left Dorsolateral Prefrontal Cortex Improves Cognitive Control and its Physiological Biomarkers in Patients With Attention Deficit Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2021, 89, S77-S78.	1.3	1
21	Divergent Effects of Electrical and Optogenetic Deep Brain Stimulation in Cognitive Flexibility in Rodents. <i>Biological Psychiatry</i> , 2021, 89, S194.	1.3	0
22	Concurrent Benzodiazepine Use and TMS Clinical Outcomes. <i>Biological Psychiatry</i> , 2021, 89, S288.	1.3	0
23	Lost in translation: no effect of repeated optogenetic cortico-striatal stimulation on compulsivity in rats. <i>Translational Psychiatry</i> , 2021, 11, 315.	4.8	7
24	Double blind randomized controlled trial of deep brain stimulation for obsessive-compulsive disorder: Clinical trial design. <i>Contemporary Clinical Trials Communications</i> , 2021, 22, 100785.	1.1	10
25	Neuroimaging Biomarkers in Schizophrenia. <i>American Journal of Psychiatry</i> , 2021, 178, 509-521.	7.2	117
26	Local and distant responses to single pulse electrical stimulation reflect different forms of connectivity. <i>NeuroImage</i> , 2021, 237, 118094.	4.2	31
27	Evaluating the Machine Learning Literature: A Primer and User's Guide for Psychiatrists. <i>American Journal of Psychiatry</i> , 2021, 178, 715-729.	7.2	29
28	Restriction of Access to Deep Brain Stimulation for Refractory OCD: Failure to Apply the Federal Parity Act. <i>Frontiers in Psychiatry</i> , 2021, 12, 706181.	2.6	9
29	A state space modeling approach to real-time phase estimation. <i>ELife</i> , 2021, 10, .	6.0	24
30	Amyloid and Tau in Alzheimer's Disease: Biomarkers or Molecular Targets for Therapy? Are We Shooting the Messenger?. <i>American Journal of Psychiatry</i> , 2021, 178, 1014-1025.	7.2	11
31	Spectral Features Based Decoding of Task Engagement: The Role of Theta and High Gamma Bands in Cognitive Control. , 2021, 2021, 6062-6065.		0
32	Decoding Human Cognitive Control Using Functional Connectivity of Local Field Potentials. , 2021, 2021, 451-454.		1
33	Estimating Dynamic Signals From Trial Data With Censored Values. <i>Computational Psychiatry</i> , 2020, 1, 58.	2.0	7
34	Electroencephalographic Biomarkers for Predicting Antidepressant Response. <i>JAMA Psychiatry</i> , 2020, 77, 347.	11.0	10
35	A case of non-affective psychosis followed by extended response to non-stimulation in deep brain stimulation for obsessive-compulsive disorder. <i>Brain Stimulation</i> , 2020, 13, 1317-1319.	1.6	2
36	Social media recruitment for mental health research: A systematic review. <i>Comprehensive Psychiatry</i> , 2020, 103, 152197.	3.1	41

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37	Lost in Translation: No Effect of Repeated Orbitofrontal-Striatal Optogenetic Stimulation on Repetitive Behaviors and Behavioral Flexibility in Rats. <i>Biological Psychiatry</i> , 2020, 87, S193-S194.	1.3	0
38	Controlling Brain Networks Through Oscillatory Synchrony. <i>Biological Psychiatry</i> , 2020, 87, S96.	1.3	0
39	Case Report of Dual-Site Neurostimulation and Chronic Recording of Cortico-Striatal Circuitry in a Patient With Treatment Refractory Obsessive Compulsive Disorder. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 569973.	2.0	26
40	Treating Psychiatric Illness Through Targeted Network Disruption and Electrical Biomarker Identification. <i>Biological Psychiatry</i> , 2020, 87, S237.	1.3	0
41	Intra-Hemisphere Gamma Band Coherence as an EEG Marker of Negative Self-Referential Thinking. <i>Biological Psychiatry</i> , 2020, 87, S189.	1.3	0
42	Paired Electrical Pulse Trains for Controlling Connectivity in Emotion-Related Brain Circuitry. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2721-2730.	4.9	13
43	CLOSES: A platform for closed-loop intracranial stimulation in humans. <i>NeuroImage</i> , 2020, 223, 117314.	4.2	21
44	Hormonal Treatments for Major Depressive Disorder: State of the Art. <i>American Journal of Psychiatry</i> , 2020, 177, 686-705.	7.2	119
45	Uncovering Relationships Between Mood, Movement, and Neural Activity via Dense Longitudinal Data From an Obsessive-Compulsive Disorder Patient Undergoing Deep Brain Stimulation. <i>Biological Psychiatry</i> , 2020, 87, S459.	1.3	0
46	Identification and Functional Dissection of Corticostriatal Circuits Modulated by Deep Brain Stimulation. <i>Biological Psychiatry</i> , 2020, 87, S183-S184.	1.3	0
47	Psychedelics and Psychedelic-Assisted Psychotherapy. <i>American Journal of Psychiatry</i> , 2020, 177, 391-410.	7.2	309
48	Transgene-free remote magnetothermal regulation of adrenal hormones. <i>Science Advances</i> , 2020, 6, eaaz3734.	10.3	52
49	Alteration of Brain Connectivity and Behavior Using a Precisely Timed Electrical Stimulation Paradigm in a Fear Regulation Circuit. <i>Biological Psychiatry</i> , 2020, 87, S359-S360.	1.3	0
50	Decoding Hidden Cognitive States From Behavior and Physiology Using a Bayesian Approach. <i>Neural Computation</i> , 2019, 31, 1751-1788.	2.2	23
51	Decoding task engagement from distributed network electrophysiology in humans. <i>Journal of Neural Engineering</i> , 2019, 16, 056015.	3.5	22
52	Neural engineering: the process, applications, and its role in the future of medicine. <i>Journal of Neural Engineering</i> , 2019, 16, 063002.	3.5	14
53	215. Recording and Disrupting Cortical-Striatal Hyperconnectivity in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2019, 85, S89.	1.3	0
54	T34. Effects of Repeated Cortico-Striatal Optogenetic Stimulation on OCD-Like Behaviors in Rats. <i>Biological Psychiatry</i> , 2019, 85, S142.	1.3	1

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55	F8. Closed-Loop Phase-Locked Electrical Stimulation Alters Low Frequency Coherence in a Fear Regulation Circuit. <i>Biological Psychiatry</i> , 2019, 85, S215-S216.	1.3	0
56	Behavioral validation of a wireless low-power neurostimulation technology in a conditioned place preference task. <i>Journal of Neural Engineering</i> , 2019, 16, 026022.	3.5	9
57	Caudate stimulation enhances learning. <i>Brain</i> , 2019, 142, 2930-2937.	7.6	25
58	213. Effects of Deep Brain Stimulation in Cognitive Flexibility Using an OCD Animal Model. <i>Biological Psychiatry</i> , 2019, 85, S88.	1.3	0
59	Dynamic network targeting for closed-loop deep brain stimulation. <i>Neuropsychopharmacology</i> , 2019, 44, 219-220.	5.4	7
60	tDCS to the left DLPFC modulates cognitive and physiological correlates of executive function in a state-dependent manner. <i>Brain Stimulation</i> , 2019, 12, 1456-1463.	1.6	97
61	Targeting Cognition and Networks Through Neural Oscillations. <i>JAMA Psychiatry</i> , 2019, 76, 671.	11.0	31
62	F139. Decoding of Cognitive Flexibility State Using Behavior and Pre-Frontal Cortical Local Field Potentials. <i>Biological Psychiatry</i> , 2019, 85, S267.	1.3	0
63	Consistent linear and non-linear responses to invasive electrical brain stimulation across individuals and primate species with implanted electrodes. <i>Brain Stimulation</i> , 2019, 12, 877-892.	1.6	41
64	Deep brain stimulation of the internal capsule enhances human cognitive control and prefrontal cortex function. <i>Nature Communications</i> , 2019, 10, 1536.	12.8	97
65	Continuous Prediction of Cognitive State Using A Marked-Point Process Modeling Framework. , 2019, 2019, 2933-2938.		3
66	EEG Biomarkers for Treatment Response Prediction in Major Depressive Illness. <i>American Journal of Psychiatry</i> , 2019, 176, 82-82.	7.2	4
67	Deficits in frontoparietal activation and anterior insula functional connectivity during regulation of cognitive effective interference in bipolar disorder. <i>Bipolar Disorders</i> , 2019, 21, 244-258.	1.9	43
68	Electroencephalographic Biomarkers for Treatment Response Prediction in Major Depressive Illness: A Meta-Analysis. <i>American Journal of Psychiatry</i> , 2019, 176, 44-56.	7.2	122
69	Prefrontal cortex and cognitive control: new insights from human electrophysiology. <i>F1000Research</i> , 2019, 8, 1696.	1.6	47
70	The Neural Basis of Approach-Avoidance Conflict: A Model Based Analysis. <i>ENeuro</i> , 2019, 6, ENEURO.0115-19.2019.	1.9	23
71	A statistical framework to assess cross-frequency coupling while accounting for confounding analysis effects. <i>ELife</i> , 2019, 8, .	6.0	9
72	T37. Effects of Deep Brain Stimulation in Cognitive Flexibility Using an OCD Animal Model. <i>Biological Psychiatry</i> , 2019, 85, S143.	1.3	0

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73	Clinical Implementation of Pharmacogenetic Decision Support Tools for Antidepressant Drug Prescribing. <i>American Journal of Psychiatry</i> , 2018, 175, 873-886.	7.2	119
74	Realistic modeling of deep brain stimulation implants for electromagnetic MRI safety studies. <i>Physics in Medicine and Biology</i> , 2018, 63, 095015.	3.0	27
75	A Shared Vision for Machine Learning in Neuroscience. <i>Journal of Neuroscience</i> , 2018, 38, 1601-1607.	3.6	121
76	Increasing Full Child Immunization Rates by Government Using an Innovative Computerized Immunization Due List in Rural India. <i>Inquiry (United States)</i> , 2018, 55, 004695801775129.	0.9	3
77	Multimodal Encoding of Novelty, Reward, and Learning in the Primate Nucleus Basalis of Meynert. <i>Journal of Neuroscience</i> , 2018, 38, 1942-1958.	3.6	10
78	T11. Contributions of Cortico-Striatal Pathways to the Modulation of Cognitive Flexibility. <i>Biological Psychiatry</i> , 2018, 83, S133.	1.3	0
79	T275. Going Wireless: Validation of a Novel Neurostimulation Technology in a Conditioned Place Preference Task. <i>Biological Psychiatry</i> , 2018, 83, S236.	1.3	0
80	Cross-Species Neuromodulation from High-Intensity Transcranial Electrical Stimulation. <i>Trends in Cognitive Sciences</i> , 2018, 22, 372-374.	7.8	9
81	Continuous Phase Estimation for Phase-Locked Neural Stimulation Using an Autoregressive Model for Signal Prediction. , 2018, 2018, 4736-4739.		15
82	Altering alpha-frequency brain oscillations with rapid analog feedback-driven neurostimulation. <i>PLoS ONE</i> , 2018, 13, e0207781.	2.5	11
83	T15. Paired, Phase-Lagged Electrical Stimulation Alters Connectivity and Plasticity in a Fear Regulation Circuit. <i>Biological Psychiatry</i> , 2018, 83, S134.	1.3	0
84	Deep Brain Stimulation for Highly Refractory Depression. , 2018, , 1057-1072.		0
85	A neural mass model to predict electrical stimulation evoked responses in human and non-human primate brain. <i>Journal of Neural Engineering</i> , 2018, 15, 066012.	3.5	20
86	Closing the Loop on Deep Brain Stimulation for Treatment-Resistant Depression. <i>Focus (American J Psychiatry)</i> , 2018, 16, 1078-1088.	8.8	10
87	Closing the Loop on Deep Brain Stimulation for Treatment-Resistant Depression. <i>Frontiers in Neuroscience</i> , 2018, 12, 175.	2.8	107
88	Deep Brain Stimulation in Psychiatry. <i>Psychiatric Clinics of North America</i> , 2018, 41, 373-383.	1.3	21
89	A Case of Severe Intractable Contamination-Based Obsessive-Compulsive Disorder. <i>JAMA Psychiatry</i> , 2018, 75, 1088.	11.0	1
90	Neuroscientifically Informed Formulation and Treatment Planning for Patients With Obsessive-Compulsive Disorder. <i>JAMA Psychiatry</i> , 2018, 75, 1081.	11.0	101

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91	COMPASS: An Open-Source, General-Purpose Software Toolkit for Computational Psychiatry. <i>Frontiers in Neuroscience</i> , 2018, 12, 957.	2.8	16
92	Intermittent subthalamic nucleus deep brain stimulation induces risk-averse behavior in human subjects. <i>ELife</i> , 2018, 7, .	6.0	10
93	Low-Intensity Transcranial Current Stimulation in Psychiatry. <i>American Journal of Psychiatry</i> , 2017, 174, 628-639.	7.2	105
94	Facilitating conservation. <i>Science</i> , 2017, 356, 242-244.	12.6	0
95	The interactive electrode localization utility: software for automatic sorting and labeling of intracranial subdural electrodes. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1829-1837.	2.8	21
96	Closed-loop neuromodulation systems: next-generation treatments for psychiatric illness. <i>International Review of Psychiatry</i> , 2017, 29, 191-204.	2.8	73
97	Putative biological predictors of treatment response in bipolar disorders. <i>Personalized Medicine in Psychiatry</i> , 2017, 1-2, 39-58.	0.1	1
98	991. Oscillation Changes in EEG Measured in the On and Off DBS State in Patients with Treatment Resistant Depression. <i>Biological Psychiatry</i> , 2017, 81, S401.	1.3	0
99	47. Preferential Role of the Subthalamic Nucleus in Avoidant Decision Making. <i>Biological Psychiatry</i> , 2017, 81, S20.	1.3	0
100	102. Modulating Top-Down Executive Control Networks with Striatal Deep Brain Stimulation. <i>Biological Psychiatry</i> , 2017, 81, S43.	1.3	1
101	Neurotherapeutic Interventions for Psychiatric Illness. <i>Harvard Review of Psychiatry</i> , 2017, 25, 253-255.	2.1	8
102	Staying in the Loop: Relational Agency and Identity in Next-Generation DBS for Psychiatry. <i>AJOB Neuroscience</i> , 2017, 8, 59-70.	1.1	92
103	Treating refractory mental illness with closed-loop brain stimulation: Progress towards a patient-specific transdiagnostic approach. <i>Experimental Neurology</i> , 2017, 287, 461-472.	4.1	94
104	Predicting learning dynamics in Multiple-Choice Decision-Making Tasks using a variational Bayes technique. , 2017, 2017, 3194-3197.		4
105	A Sub-millimeter, Inductively Powered Neural Stimulator. <i>Frontiers in Neuroscience</i> , 2017, 11, 659.	2.8	62
106	149 Human Subthalamic Nucleus Neurons Exhibit Increased Theta-band Phase-locking During High-conflict Decision Making. <i>Neurosurgery</i> , 2017, 64, 236.	1.1	0
107	Functional Neurosurgery in Severe and Treatment-Refractory OCD. , 2017, , .		0
108	Ventral Capsule/Ventral Striatum Deep Brain Stimulation Does Not Consistently Diminish Occipital Cross-Frequency Coupling. <i>Biological Psychiatry</i> , 2016, 80, e59-e60.	1.3	15

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109	Brain-computer interface-based control of closed-loop brain stimulation: attitudes and ethical considerations. <i>Brain-Computer Interfaces</i> , 2016, 3, 140-148.	1.8	100
110	Predicting local field potentials with recurrent neural networks. , 2016, 2016, 808-811.		5
111	Challenges in Managing Treatment-Refractory Obsessive-Compulsive Disorder and Tourette's Syndrome. <i>Harvard Review of Psychiatry</i> , 2016, 24, 294-301.	2.1	2
112	Acute deep brain stimulation changes in regional cerebral blood flow in obsessive-compulsive disorder. <i>Journal of Neurosurgery</i> , 2016, 125, 1087-1093.	1.6	35
113	Closing the Loop in Deep Brain Stimulation for Psychiatric Disorders: Lessons from Motor Neural Prosthetics. <i>Neuropsychopharmacology</i> , 2016, 41, 379-380.	5.4	7
114	Predictors of Hypomania During Ventral Capsule/Ventral Striatum Deep Brain Stimulation. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2016, 28, 38-44.	1.8	42
115	Variability and anatomical specificity of the orbitofrontothalamic fibers of passage in the ventral capsule/ventral striatum (VC/VS): precision care for patient-specific tractography-guided targeting of deep brain stimulation (DBS) in obsessive compulsive disorder (OCD). <i>Brain Imaging and Behavior</i> , 2016, 10, 1054-1067.	2.1	115
116	Deep Brain Stimulation for Treatment-Resistant Psychiatric Illnesses: What Has Gone Wrong and What Should We Do Next?. <i>Biological Psychiatry</i> , 2016, 79, e9-e10.	1.3	47
117	Packaging Architecture for an Implanted System that Monitors Brain Activity and Applies Therapeutic Stimulation. <i>Journal of Microelectronics and Electronic Packaging</i> , 2016, 13, 64-70.	0.7	4
118	Avoiding a lost generation of scientists. <i>ELife</i> , 2016, 5, .	6.0	4
119	Cognitive state prediction using an EM algorithm applied to Gamma distributed data. , 2015, 2015, 7819-24.		14
120	Lurasidone for the treatment of bipolar depression: an evidence-based review. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2143.	2.2	18
121	An implantable 64-channel neural interface with reconfigurable recording and stimulation. , 2015, 2015, 7837-40.		17
122	Characterization of fear conditioning and fear extinction by analysis of electrodermal activity. , 2015, 2015, 7814-8.		34
123	Neural signal processing and closed-loop control algorithm design for an implanted neural recording and stimulation system. , 2015, 2015, 7831-6.		6
124	Estimating a dynamic state to relate neural spiking activity to behavioral signals during cognitive tasks. , 2015, 2015, 7808-13.		7
125	Attitudes Toward Neuroscience Education in Psychiatry: a National Multi-stakeholder Survey. <i>Academic Psychiatry</i> , 2015, 39, 139-146.	0.9	19
126	Deep Brain Stimulation for Treatment-Refractory Mood and Obsessive-Compulsive Disorders. <i>Current Behavioral Neuroscience Reports</i> , 2015, 2, 187-197.	1.3	24



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127	Package architecture and component design for an implanted neural stimulator with closed loop control. , 2015, 2015, 7825-30.		11
128	Packaging Architecture for an Implanted System that Monitors Brain Activity and Applies Therapeutic Stimulation. International Symposium on Microelectronics, 2015, 2015, 000548-000554.	0.0	3
129	Pre-frontal control of closed-loop limbic neurostimulation by rodents using a brainâ€“computer interface. Journal of Neural Engineering, 2014, 11, 024001.	3.5	22
130	Methodology and the Limits of QEEG: Reply to Olbrich & Arns. Brain Stimulation, 2014, 7, 148-149.	1.6	1
131	Attitudes Toward Neuroscience Education Among Psychiatry Residents and Fellows. Academic Psychiatry, 2014, 38, 127-134.	0.9	20
132	Opportunities and Challenges: Residentsâ€™ Perspectives on the Next Accreditation System in Psychiatry. Academic Psychiatry, 2014, 38, 303-304.	0.9	5
133	Systems-Based Practice and Practice-Based Learning for the General Psychiatrist: Old Competencies, New Emphasis. Academic Psychiatry, 2014, 38, 288-293.	0.9	10
134	Neuropsychiatry and Neuroscience Milestones for General Psychiatry Trainees. Academic Psychiatry, 2014, 38, 275-282.	0.9	20
135	Affective brain-computer interfaces as enabling technology for responsive psychiatric stimulation. Brain-Computer Interfaces, 2014, 1, 126-136.	1.8	42
136	Baseline and Treatment-Emergent EEG Biomarkers of Antidepressant Medication Response Do Not Predict Response to Repetitive Transcranial Magnetic Stimulation. Brain Stimulation, 2013, 6, 929-931.	1.6	34
137	Psychosis from subthalamic nucleus deep brain stimulator lesion effect. , 2013, 4, 7.		24
138	An Evaluation of Neuroplasticity and Behavior After Deep Brain Stimulation of the Nucleus Accumbens in an Animal Model of Depression. Neurosurgery, 2011, 69, 1281-1290.	1.1	74
139	Direct Neural Control of Anatomically Correct Robotic Hands. Human-computer Interaction Series, 2010, , 105-119.	0.6	3
140	Sacral preservation in cauda equina syndrome from inferior vena cava thrombosis. Journal of Neurosurgery: Spine, 2009, 10, 257-259.	1.7	4
141	Development and initial testing of an empirical forcefield for simulation of poly(alkylthiophenes). Journal of Molecular Graphics and Modelling, 2008, 27, 34-44.	2.4	12
142	Computational Modeling of Poly(alkylthiophene) Conductive Polymer Insertion into Phospholipid Bilayers. Langmuir, 2007, 23, 10672-10681.	3.5	16
143	Self-assembled monolayers of polythiophene conductive polymers improve biocompatibility and electrical impedance of neural electrodes. Biosensors and Bioelectronics, 2007, 22, 1723-1732.	10.1	81
144	The NOESY Jigsaw: Automated Protein Secondary Structure and Main-Chain Assignment from Sparse, Unassigned NMR Data. Journal of Computational Biology, 2000, 7, 537-558.	1.6	85

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145	Managing patients with psychiatric conditions treated with deep brain stimulation. , 0, , 124-137.		11
146	Probing Neuro-Endocrine Interactions Through Remote Magnetothermal Adrenal Stimulation. Frontiers in Neuroscience, 0, 16, .	2.8	2