

Thomas F MÃ¼nte

List of Publications by Year in descending order

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Version: 2024-02-01

138
papers

5,092
citations

134610

34
h-index

120465

65
g-index

146
all docs

146
docs citations

146
times ranked

7805
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Reduced pituitary size in subjects with mutations in the THRB gene and thyroid hormone resistance. <i>Endocrine Connections</i> , 2022, 11, . | 0.8 | 2 |
| 2 | A systematic review of diffusion tensor imaging studies in obesity. <i>Obesity Reviews</i> , 2022, 23, e13388. | 3.1 | 13 |
| 3 | Sweets for my sweet: modulation of the limbic system drives salience for sweet foods after deep brain stimulation in Parkinsonâ€™s disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 324-331. | 0.9 | 5 |
| 4 | Altered alpha and theta oscillations correlate with sequential working memory in Parkinsonâ€™s disease. <i>Brain Communications</i> , 2022, 4, . | 1.5 | 11 |
| 5 | Prodromal Xâ€™linked Dystoniaâ€™Parkinsonism is Characterized by a Subclinical Motor Phenotype. <i>Movement Disorders</i> , 2022, 37, 1474-1482. | 2.2 | 7 |
| 6 | Modulation of visual processing of food by transcutaneous vagus nerve stimulation (tVNS). <i>Brain Imaging and Behavior</i> , 2021, 15, 1886-1897. | 1.1 | 10 |
| 7 | Explicit Diagnostic Criteria for Transient Ischemic Attacks Used in the Emergency Department Are Highly Sensitive and Specific. <i>Cerebrovascular Diseases</i> , 2021, 50, 62-67. | 0.8 | 2 |
| 8 | The Role of the Subthalamic Nucleus in Sequential Working Memory in De Novo Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 87-95. | 2.2 | 9 |
| 9 | Bilateral vestibulopathy in anti-IgLON5 disease. <i>Journal of Neurology</i> , 2021, 268, 1114-1116. | 1.8 | 5 |
| 10 | Studying Implicit Attitudes Towards Smoking: Event-Related Potentials in the Go/NoGo Association Task. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 634994. | 1.0 | 1 |
| 11 | Auditory Stimulation Modulates Resting-State Functional Connectivity in Unresponsive Wakefulness Syndrome Patients. <i>Frontiers in Neuroscience</i> , 2021, 15, 554194. | 1.4 | 7 |
| 12 | Effective connectivity underlying rewardâ€™based executive control. <i>Human Brain Mapping</i> , 2021, 42, 4555-4567. | 1.9 | 3 |
| 13 | Motor Sequence Learning Deficits in Idiopathic Parkinsonâ€™s Disease Are Associated With Increased Substantia Nigra Activity. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 685168. | 1.7 | 4 |
| 14 | Substantia Nigra Integrity Correlates with Sequential Working Memory in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2021, 41, 6304-6313. | 1.7 | 10 |
| 15 | Association of Locus Coeruleus and Substantia Nigra Pathology With Cognitive and Motor Functions in Patients With Parkinson Disease. <i>Neurology</i> , 2021, 97, e1007-e1016. | 1.5 | 36 |
| 16 | Neural Plasticity in a French Horn Player with Bilateral Amelia. <i>Neural Plasticity</i> , 2021, 2021, 1-9. | 1.0 | 0 |
| 17 | Subthalamic Nucleus Stimulation Impairs Sequence Processing in Patients with Parkinsonâ€™s Disease. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1869-1879. | 1.5 | 2 |
| 18 | Enhanced attentional processing during speech perception in adult high-functioning autism spectrum disorder: An ERP-study. <i>Neuropsychologia</i> , 2021, 161, 108022. | 0.7 | 5 |

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|----|---|-----|-----------|
| 19 | Technical Note: Modulation of fMRI brainstem responses by transcutaneous vagus nerve stimulation. <i>NeuroImage</i> , 2021, 244, 118566. | 2.1 | 19 |
| 20 | Enriched Music-supported Therapy for chronic stroke patients: a study protocol of a randomised controlled trial. <i>BMC Neurology</i> , 2021, 21, 19. | 0.8 | 9 |
| 21 | Five weeks of intermittent transcutaneous vagus nerve stimulation shape neural networks: a machine learning approach. <i>Brain Imaging and Behavior</i> , 2021, , 1. | 1.1 | 2 |
| 22 | ICHD-3 is significantly more specific than ICHD-3 beta for diagnosis of migraine with aura and with typical aura. <i>Journal of Headache and Pain</i> , 2020, 21, 2. | 2.5 | 21 |
| 23 | Age differences in the fronto-striato-parietal network underlying serial ordering. <i>Neurobiology of Aging</i> , 2020, 87, 115-124. | 1.5 | 10 |
| 24 | A systematic review of body mass gain after deep brain stimulation of the subthalamic nucleus in patients with Parkinson's disease. <i>Obesity Reviews</i> , 2020, 21, e12955. | 3.1 | 17 |
| 25 | Single Nucleotide Polymorphisms in Thyroid Hormone Transporter Genes MCT8, MCT10 and Deiodinase DIO2 Contribute to Inter-Individual Variance of Executive Functions and Personality Traits. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 573-581. | 0.6 | 5 |
| 26 | Unchanged food approachâ€ avoidance behaviour of healthy men after oxytocin administration. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12923. | 1.2 | 6 |
| 27 | The Electrocortical Signature of Successful and Unsuccessful Deception in a Face-to-Face Social Interaction. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 277. | 1.0 | 1 |
| 28 | The Suppression of Taboo Word Spoonerisms Is Associated With Altered Medial Frontal Negativity: An ERP Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 368. | 1.0 | 5 |
| 29 | Effects of hunger, satiety and oral glucose on effective connectivity between hypothalamus and insular cortex. <i>NeuroImage</i> , 2020, 217, 116931. | 2.1 | 8 |
| 30 | Changed functional connectivity at rest in functional illiterates after extensive literacy training. <i>Neurological Research and Practice</i> , 2020, 2, 12. | 1.0 | 3 |
| 31 | Effect of Short-Term Transcutaneous Vagus Nerve Stimulation (tVNS) on Brain Processing of Food Cues: An Electrophysiological Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 206. | 1.0 | 12 |
| 32 | Brain imaging evidence for why we are numbed by numbers. <i>Scientific Reports</i> , 2020, 10, 9270. | 1.6 | 5 |
| 33 | Patients with mutations of the Thyroid hormone beta-receptor show an ADHD-like phenotype for performance monitoring: an electrophysiological study. <i>NeuroImage: Clinical</i> , 2020, 26, 102250. | 1.4 | 5 |
| 34 | Elevation of intracranial pressure affects the relationship between hemoglobin concentration and neuronal activation in human somatosensory cortex. <i>Human Brain Mapping</i> , 2020, 41, 2702-2716. | 1.9 | 6 |
| 35 | Effects of a <i>Rhodiola rosea</i> extract on mental resource allocation and attention: An eventâ€related potential dual task study. <i>Phytotherapy Research</i> , 2020, 34, 3287-3297. | 2.8 | 4 |
| 36 | The Influence of Thyroid Hormones on Brain Structure and Function in Humans. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 432-436. | 0.6 | 5 |

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|----|---|-----|-----------|
| 37 | Potential benefits of music playing in stroke upper limb motor rehabilitation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 585-599. | 2.9 | 46 |
| 38 | Structural brain changes in young males addicted to video-gaming. <i>Brain and Cognition</i> , 2020, 139, 105518. | 0.8 | 17 |
| 39 | Behavioral deficits in left hemispatial neglect are related to a reduction of spontaneous neuronal activity in the right superior parietal lobule. <i>Neuropsychologia</i> , 2020, 138, 107356. | 0.7 | 13 |
| 40 | Sudden headache due to perimesencephalic subarachnoid hemorrhage after self-medication with 200 mg sildenafil: Case report and discussion. <i>Clinical Neurology and Neurosurgery</i> , 2020, 194, 105844. | 0.6 | 1 |
| 41 | Electrophysiology of goal-directed versus habitual control during outcome devaluation. <i>Cortex</i> , 2019, 119, 401-416. | 1.1 | 1 |
| 42 | Antibodies against neural antigens in patients with acute stroke: joint results of three independent cohort studies. <i>Journal of Neurology</i> , 2019, 266, 2772-2779. | 1.8 | 9 |
| 43 | Quantifying the individual auditory and visual brain response in 7-month-old infants watching a brief cartoon movie. <i>NeuroImage</i> , 2019, 202, 116060. | 2.1 | 40 |
| 44 | Modulation of brain activity by hormonal factors in the context of ingestive behaviour. <i>Metabolism: Clinical and Experimental</i> , 2019, 99, 11-18. | 1.5 | 4 |
| 45 | Neural architectures of music – Insights from acquired amusia. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 104-114. | 2.9 | 21 |
| 46 | Cerebello-striatal interaction mediates effects of subthalamic nucleus deep brain stimulation in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 67, 99-104. | 1.1 | 11 |
| 47 | Auditory Deficits in Audiovisual Speech Perception in Adult Asperger's Syndrome: fMRI Study. <i>Frontiers in Psychology</i> , 2019, 10, 2286. | 1.1 | 12 |
| 48 | Endocrine responses and food intake in fasted individuals under the influence of glucose ingestion. <i>PLoS ONE</i> , 2019, 14, e0211514. | 1.1 | 3 |
| 49 | Boosting the effect of reward on cognitive control using TMS over the left IFJ. <i>Neuropsychologia</i> , 2019, 125, 109-115. | 0.7 | 4 |
| 50 | Machine Learning Based Classification of Resting-State fMRI Features Exemplified by Metabolic State (Hunger/Satiety). <i>Frontiers in Human Neuroscience</i> , 2019, 13, 164. | 1.0 | 25 |
| 51 | Impact of Hunger, Satiety, and Oral Glucose on the Association Between Insulin and Resting-State Human Brain Activity. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 162. | 1.0 | 17 |
| 52 | Partial withdrawal of levothyroxine treated disease leads to brain activations and effects on performance in a working memory task: A pilot study. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12707. | 1.2 | 11 |
| 53 | Neurobiology and clinical features of impulse control failure in Parkinson's disease. <i>Neurological Research and Practice</i> , 2019, 1, 9. | 1.0 | 4 |
| 54 | Altered transposition asymmetry in serial ordering in early Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 62, 62-67. | 1.1 | 5 |

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|----|--|-----|-----------|
| 55 | Endocrine profile dataset of fasting and normally eating young, healthy men and following activation of brain areas involved in ingestive behaviour. <i>Data in Brief</i> , 2019, 27, 104676. | 0.5 | 1 |
| 56 | Brief Sensory Training Narrows the Temporal Binding Window and Enhances Long-Term Multimodal Speech Perception. <i>Frontiers in Psychology</i> , 2019, 10, 2489. | 1.1 | 19 |
| 57 | Experimentally induced subclinical hypothyroidism causes decreased functional connectivity of the cuneus: A resting state fMRI study. <i>Psychoneuroendocrinology</i> , 2019, 102, 158-163. | 1.3 | 13 |
| 58 | Massive weight loss following deep brain stimulation of the nucleus accumbens in a depressed woman. <i>Neurocase</i> , 2018, 24, 49-53. | 0.2 | 31 |
| 59 | Influences of Hunger, Satiety and Oral Glucose on Functional Brain Connectivity: A Multimethod Resting-State fMRI Study. <i>Neuroscience</i> , 2018, 382, 80-92. | 1.1 | 27 |
| 60 | Audio-visual speech perception in adult readers with dyslexia: an fMRI study. <i>Brain Imaging and Behavior</i> , 2018, 12, 357-368. | 1.1 | 23 |
| 61 | Increased insula-putamen connectivity in X-linked dystonia-parkinsonism. <i>NeuroImage: Clinical</i> , 2018, 17, 835-846. | 1.4 | 23 |
| 62 | Neural processing of food and monetary rewards is modulated by metabolic state. <i>Brain Imaging and Behavior</i> , 2018, 12, 1379-1392. | 1.1 | 17 |
| 63 | On the influence of informational content and key-response effect mapping on implicit learning and error monitoring in the serial reaction time (SRT) task. <i>Experimental Brain Research</i> , 2018, 236, 259-273. | 0.7 | 9 |
| 64 | Dimensional Complexity of the Resting Brain in Healthy Aging, Using a Normalized MPSE. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 451. | 1.0 | 4 |
| 65 | Impact of bariatric surgery on neural food processing and cognition: an fMRI study. <i>BMJ Open</i> , 2018, 8, e022375. | 0.8 | 2 |
| 66 | Basal ganglia and cerebellar pathology in X-linked dystonia-parkinsonism. <i>Brain</i> , 2018, 141, 2995-3008. | 3.7 | 41 |
| 67 | Neuroimaging abnormalities in individuals exhibiting Parkinson's disease risk markers. <i>Movement Disorders</i> , 2018, 33, 1412-1422. | 2.2 | 12 |
| 68 | Patients with primary biliary cholangitis and fatigue present with depressive symptoms and selected cognitive deficits, but with normal attention performance and brain structure. <i>PLoS ONE</i> , 2018, 13, e0190005. | 1.1 | 11 |
| 69 | Transient Generalized Chorea in Influenza A Encephalopathy. <i>Tremor and Other Hyperkinetic Movements</i> , 2018, 8, 591. | 1.1 | 2 |
| 70 | Detection of anti-neutrophil cytoplasmic and antinuclear autoantibodies favouring misdiagnoses in 5 cases of Erdheim-Chester disease. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 111, 176. | 0.4 | 1 |
| 71 | Excessive users of violent video games do not show emotional desensitization: an fMRI study. <i>Brain Imaging and Behavior</i> , 2017, 11, 736-743. | 1.1 | 28 |
| 72 | Viewing socio-affective stimuli increases connectivity within an extended default mode network. <i>NeuroImage</i> , 2017, 148, 8-19. | 2.1 | 39 |

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|----|---|-----|-----------|
| 73 | Plasma proteome and metabolome characterization of an experimental human thyrotoxicosis model. BMC Medicine, 2017, 15, 6. | 2.3 | 30 |
| 74 | Structural changes in functionally illiterate adults after intensive training. Neuroscience, 2017, 344, 229-242. | 1.1 | 18 |
| 75 | The human globus pallidus internus is sensitive to rewards â€“ Evidence from intracerebral recordings. Brain Stimulation, 2017, 10, 657-663. | 0.7 | 17 |
| 76 | Pramipexole Modulates Interregional Connectivity Within the Sensorimotor Network. Brain Connectivity, 2017, 7, 258-263. | 0.8 | 9 |
| 77 | Human subthalamic nucleus â€“ Automatic auditory change detection as a basis for action selection. Neuroscience, 2017, 355, 141-148. | 1.1 | 4 |
| 78 | Audiovisual speech integration in the superior temporal region is dysfunctional in dyslexia. Neuroscience, 2017, 356, 1-10. | 1.1 | 38 |
| 79 | Event-related potentials and neural oscillations dissociate levels of cognitive control. Behavioural Brain Research, 2017, 320, 154-164. | 1.2 | 19 |
| 80 | Valsalva-induced elevation of intracranial pressure selectively decouples deoxygenated hemoglobin concentration from neuronal activation and functional brain imaging capability. NeuroImage, 2017, 162, 151-161. | 2.1 | 6 |
| 81 | Cerebellar degeneration affects cortico-cortical connectivity in motor learning networks. NeuroImage: Clinical, 2017, 16, 66-78. | 1.4 | 27 |
| 82 | Development of sensitivity to orthographic errors in children: An event-related potential study. Neuroscience, 2017, 358, 349-360. | 1.1 | 6 |
| 83 | ISLES 2015 - A public evaluation benchmark for ischemic stroke lesion segmentation from multispectral MRI. Medical Image Analysis, 2017, 35, 250-269. | 7.0 | 360 |
| 84 | Reduced alpha-gamma phase amplitude coupling over right parietal cortex is associated with implicit visuomotor sequence learning. NeuroImage, 2016, 141, 60-70. | 2.1 | 36 |
| 85 | Neuroanatomical changes extend beyond striatal atrophy in X-linked dystonia parkinsonism. Parkinsonism and Related Disorders, 2016, 31, 91-97. | 1.1 | 42 |
| 86 | Neurophysiological evidence of impaired self-monitoring in schizotypal personality disorder and its reversal by dopaminergic antagonism. NeuroImage: Clinical, 2016, 11, 770-779. | 1.4 | 25 |
| 87 | Hippocampal gray matter volume in bilateral vestibular failure. Human Brain Mapping, 2016, 37, 1998-2006. | 1.9 | 54 |
| 88 | Acute amnesic syndrome due to MDMA exposure. Journal of Neurology, 2016, 263, 1022-1023. | 1.8 | 3 |
| 89 | Structural neuroplasticity in expert pianists depends on the age of musical training onset. NeuroImage, 2016, 126, 106-119. | 2.1 | 109 |
| 90 | Intertemporal choice behavior is constrained by brain structure in healthy participants and pathological gamblers. Brain Structure and Function, 2016, 221, 3157-3170. | 1.2 | 33 |

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|-----|--|-----|-----------|
| 91 | Winning is not enough: ventral striatum connectivity during physical aggression. <i>Brain Imaging and Behavior</i> , 2016, 10, 105-114. | 1.1 | 16 |
| 92 | Effect of Mild Thyrotoxicosis on Performance and Brain Activations in a Working Memory Task. <i>PLoS ONE</i> , 2016, 11, e0161552. | 1.1 | 17 |
| 93 | Intertemporal choice in Parkinson's disease and restless legs syndrome. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1330-1335. | 1.1 | 26 |
| 94 | Effect of Experimental Thyrotoxicosis on Brain Gray Matter: A Voxel-Based Morphometry Study. <i>European Thyroid Journal</i> , 2015, 4, 113-118. | 1.2 | 25 |
| 95 | Random Number Generation and Executive Functions in Parkinson's Disease: An Event-Related Brain Potential Study. <i>Journal of Parkinson's Disease</i> , 2015, 5, 613-620. | 1.5 | 9 |
| 96 | Multiple brain networks underpinning word learning from fluent speech revealed by independent component analysis. <i>NeuroImage</i> , 2015, 110, 182-193. | 2.1 | 41 |
| 97 | Microstructure of the superior longitudinal fasciculus predicts stimulation-induced interference with on-line motor control. <i>NeuroImage</i> , 2015, 120, 254-265. | 2.1 | 25 |
| 98 | Experimentally induced thyrotoxicosis leads to increased connectivity in temporal lobe structures: A resting state fMRI study. <i>Psychoneuroendocrinology</i> , 2015, 56, 100-109. | 1.3 | 27 |
| 99 | Event-related EEG responses to anticipation and delivery of monetary and social reward. <i>Biological Psychology</i> , 2015, 109, 10-19. | 1.1 | 83 |
| 100 | The neural basis of impulsive discounting in pathological gamblers. <i>Brain Imaging and Behavior</i> , 2015, 9, 887-898. | 1.1 | 35 |
| 101 | Extra Tree forests for sub-acute ischemic stroke lesion segmentation in MR sequences. <i>Journal of Neuroscience Methods</i> , 2015, 240, 89-100. | 1.3 | 132 |
| 102 | The role of high-frequency oscillatory activity in reward processing and learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 1-7. | 2.9 | 109 |
| 103 | Orbitofrontal Cortex Reactivity to Angry Facial Expression in a Social Interaction Correlates with Aggressive Behavior. <i>Cerebral Cortex</i> , 2015, 25, 3057-3063. | 1.6 | 93 |
| 104 | Trait Aggressiveness Is Not Related to Structural Connectivity between Orbitofrontal Cortex and Amygdala. <i>PLoS ONE</i> , 2014, 9, e101105. | 1.1 | 18 |
| 105 | Tracking Functional Brain Changes in Patients with Depression under Psychodynamic Psychotherapy Using Individualized Stimuli. <i>PLoS ONE</i> , 2014, 9, e109037. | 1.1 | 42 |
| 106 | N1 enhancement in synesthesia during visual and audio-visual perception in semantic cross-modal conflict situations: an ERP study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 21. | 1.0 | 20 |
| 107 | Emotional reactivity to threat modulates activity in mentalizing network during aggression. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1552-1560. | 1.5 | 43 |
| 108 | Delineating the cortico-striatal-cerebellar network in implicit motor sequence learning. <i>NeuroImage</i> , 2014, 94, 222-230. | 2.1 | 50 |

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|-----|---|-----|-----------|
| 109 | Overactivation of the supplementary motor area in chronic stroke patients. <i>Journal of Neurophysiology</i> , 2014, 112, 2251-2263. | 0.9 | 12 |
| 110 | Performance monitoring during associative learning and its relation to obsessive-compulsive characteristics. <i>Biological Psychology</i> , 2014, 102, 73-87. | 1.1 | 6 |
| 111 | Increased neural reactivity to socio-emotional stimuli links social exclusion and aggression. <i>Biological Psychology</i> , 2014, 96, 102-110. | 1.1 | 41 |
| 112 | Altered resting-state functional connectivity in patients with chronic bilateral vestibular failure. <i>NeuroImage: Clinical</i> , 2014, 4, 488-499. | 1.4 | 43 |
| 113 | Extent of cortical involvement in amyotrophic lateral sclerosis – an analysis based on cortical thickness. <i>BMC Neurology</i> , 2013, 13, 148. | 0.8 | 41 |
| 114 | An ERP-study of brand and no-name products. <i>BMC Neuroscience</i> , 2013, 14, 149. | 0.8 | 13 |
| 115 | Altered Resting State Brain Networks in Parkinson's Disease. <i>PLoS ONE</i> , 2013, 8, e77336. | 1.1 | 201 |
| 116 | Itch Relief by Mirror Scratching. A Psychophysical Study. <i>PLoS ONE</i> , 2013, 8, e82756. | 1.1 | 11 |
| 117 | LEARNING TO READ IN ADULTHOOD: AN EVALUATION OF A LITERACY PROGRAM FOR FUNCTIONALLY ILLITERATE ADULTS IN GERMANY. <i>Problems of Education in the 21st Century</i> , 2013, 51, 33-46. | 0.3 | 10 |
| 118 | Deep Brain Stimulation as a Therapy for Alcohol Addiction. <i>Current Topics in Behavioral Neurosciences</i> , 2012, , 709-727. | 0.8 | 9 |
| 119 | Intertemporal choice in Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 2004-2010. | 2.2 | 66 |
| 120 | Pramipexole modulates the neural network of reward anticipation. <i>Human Brain Mapping</i> , 2011, 32, 800-811. | 1.9 | 86 |
| 121 | Brain activations reflect individual discount rates in intertemporal choice. <i>Brain Research</i> , 2010, 1320, 123-129. | 1.1 | 64 |
| 122 | The Effects of COMT (Val108/158Met) and DRD4 (SNP -521) Dopamine Genotypes on Brain Activations Related to Valence and Magnitude of Rewards. <i>Cerebral Cortex</i> , 2010, 20, 1985-1996. | 1.6 | 78 |
| 123 | Reward networks in the brain as captured by connectivity measures. <i>Frontiers in Neuroscience</i> , 2009, 3, 350-362. | 1.4 | 96 |
| 124 | Genetic Variability in the Dopamine System (Dopamine Receptor D4, Catechol-O-Methyltransferase) Modulates Neurophysiological Responses to Gains and Losses. <i>Biological Psychiatry</i> , 2009, 66, 154-161. | 0.7 | 82 |
| 125 | Human oscillatory activity associated to reward processing in a gambling task. <i>Neuropsychologia</i> , 2008, 46, 241-248. | 0.7 | 226 |
| 126 | Capitalizing on Deep Brain Stimulation: Thalamus as a Language Monitor. <i>Neuron</i> , 2008, 59, 677-679. | 3.8 | 10 |

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|-----|---|------|-----------|
| 127 | Dopamine Agonist Increases Risk Taking but Blunts Reward-Related Brain Activity. <i>PLoS ONE</i> , 2008, 3, e2479. | 1.1 | 134 |
| 128 | Contribution of subcortical structures to cognition assessed with invasive electrophysiology in humans. <i>Frontiers in Neuroscience</i> , 2008, 2, 72-85. | 1.4 | 32 |
| 129 | Nucleus accumbens is involved in human action monitoring: evidence from invasive electrophysiological recordings. <i>Frontiers in Human Neuroscience</i> , 2008, 1, 11. | 1.0 | 52 |
| 130 | The Impact of Catechol-<i>O</i>-Methyltransferase and Dopamine D4 Receptor Genotypes on Neurophysiological Markers of Performance Monitoring. <i>Journal of Neuroscience</i> , 2007, 27, 14190-14198. | 1.7 | 113 |
| 131 | Noradrenergic Stimulation Enhances Human Action Monitoring. <i>Journal of Neuroscience</i> , 2005, 25, 4370-4374. | 1.7 | 74 |
| 132 | Specialization of the Specialized: Electrophysiological Investigations in Professional Musicians. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 131-139. | 1.8 | 52 |
| 133 | Time Course of Error Detection and Correction in Humans: Neurophysiological Evidence. <i>Journal of Neuroscience</i> , 2002, 22, 9990-9996. | 1.7 | 168 |
| 134 | The musician's brain as a model of neuroplasticity. <i>Nature Reviews Neuroscience</i> , 2002, 3, 473-478. | 4.9 | 715 |
| 135 | Superior auditory spatial tuning in conductors. <i>Nature</i> , 2001, 409, 580-580. | 13.7 | 103 |
| 136 | Alterations of Cognitive Functions Induced by Exogenous Application of Thyroid Hormones in Healthy Men: A Double-Blind Cross-Over Study Using Event-Related Brain Potentials. <i>Thyroid</i> , 2001, 11, 385-391. | 2.4 | 24 |
| 137 | Differential effects of two motor tasks on ERPs in an auditory classification task: evidence of shared cognitive resources. <i>Neuroscience Research</i> , 1998, 30, 125-134. | 1.0 | 36 |
| 138 | Literacy Affects Brain Structure – What Can We Learn for Language Assessment in Low Literates?. <i>Language Assessment Quarterly</i> , 0, , 1-16. | 1.1 | 2 |