# Alexander Sartorius

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 172 papers | 4,144 citations | 33 h-index | 58 g-index |
| 191 ext. papers | 4,831 ext. citations | 4.2 avg, IF | 5.31 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 172 | Electric field distribution models in ECT research.. *Molecular Psychiatry*, **2022**, | 15.1 | 0 |
| 171 | Antipsychotic-induced catatonia and neuroleptic malignant syndrome: the dark side of the moon. *Molecular Psychiatry*, **2021**, | 15.1 | 1 |
| 170 | Methylome-wide change associated with response to electroconvulsive therapy in depressed patients. *Translational Psychiatry*, **2021**, 11, 347 | 8.6 | 2 |
| 169 | Malignant catatonia: Severity, treatment and outcome - a systematic case series analysis. *World Journal of Biological Psychiatry*, **2021**, 1-9 | 3.8 | 0 |
| 168 | Interactive tool to create adjustable anatomical atlases for mouse brain imaging. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2021**, 34, 183-187 | 2.8 | 0 |
| 167 | Empirical ratio of the combined use of S-ketamine and propofol in electroconvulsive therapy and its impact on seizure quality. *European Archives of Psychiatry and Clinical Neuroscience*, **2021**, 271, 457-463 | 5.1 | 4 |
| 166 | Nicht invasive Hirnstimulation **2021**, 103-111 | | |
| 165 | Duration of Electroconvulsive Therapy Postictal Burst Suppression Is Associated With Time to Reorientation. *Journal of ECT*, **2021**, 37, 247-249 | 2 | 0 |
| 164 | Is seizure termination a key?. *Brain Stimulation*, **2021**, 14, 1089-1090 | 5.1 | 1 |
| 163 | Differential resting-state patterns across networks are spatially associated with Comt and Trmt2a gene expression patterns in a mouse model of 22q11.2 deletion. *NeuroImage*, **2021**, 243, 118520 | 7.9 | 0 |
| 162 | Separable neural mechanisms for the pleiotropic association of copy number variants with neuropsychiatric traits. *Translational Psychiatry*, **2020**, 10, 93 | 8.6 | 4 |
| 161 | The Influence of Thyroid Hormones on Brain Structure and Function in Humans. *Experimental and Clinical Endocrinology and Diabetes*, **2020**, 128, 432-436 | 2.3 | 0 |
| 160 | The influence of ketamine's repeated treatment on brain topology does not suggest an antidepressant efficacy. *Translational Psychiatry*, **2020**, 10, 56 | 8.6 | 7 |
| 159 | Tiefe Hirnstimulation eröffnet eine neue Option bei psychiatrischen Erkrankungen. *InFo Neurologie & Psychiatrie*, **2020**, 22, 48-55 | 0 | |
| 158 | Common Pathways in Depression and Obesity: The Role of Gut Microbiome and Diets. *Current Behavioral Neuroscience Reports*, **2020**, 7, 15-21 | 1.7 | 3 |
| 157 | Treatment of the Neuroleptic Malignant Syndrome in International Therapy Guidelines: A Comparative Analysis. *Pharmacopsychiatry*, **2020**, 53, 51-59 | 2 | 8 |
| 156 | Electroconvulsive therapy modulates grey matter increase in a hub of an affect processing network. *NeuroImage: Clinical*, **2020**, 25, 102114 | 5.3 | 8 |

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| 155 | The novel seizure quality index for the antidepressant outcome prediction in electroconvulsive therapy: association with biomarkers in the cerebrospinal fluid. *European Archives of Psychiatry and Clinical Neuroscience*, **2020**, 270, 911-919 | 5.1 | 3 |
| 154 | The neuroleptic malignant syndrome-a systematic case series analysis focusing on therapy regimes and outcome. *Acta Psychiatrica Scandinavica*, **2020**, 142, 233-241 | 6.5 | 8 |
| 153 | Brain-Derived Neurotrophic Factor in the Cerebrospinal Fluid Increases During Electroconvulsive Therapy in Patients With Depression: A Preliminary Report. *Journal of ECT*, **2020**, 36, 193-197 | 2 | 3 |
| 152 | Cytokine-mediated cellular immune activation in electroconvulsive therapy: A CSF study in patients with treatment-resistant depression. *World Journal of Biological Psychiatry*, **2020**, 21, 139-147 | 3.8 | 12 |
| 151 | Comparison of International Therapy Guidelines with Regard to the Treatment of Malignant Catatonia. *Pharmacopsychiatry*, **2020**, 53, 14-20 | 2 | 4 |
| 150 | Common functional networks in the mouse brain revealed by multi-centre resting-state fMRI analysis. *NeuroImage*, **2020**, 205, 116278 | 7.9 | 69 |
| 149 | Exploring cortical predictors of clinical response to electroconvulsive therapy in major depression. *European Archives of Psychiatry and Clinical Neuroscience*, **2020**, 270, 253-261 | 5.1 | 7 |
| 148 | Acute 5 Hz deep brain stimulation of the lateral habenula is associated with depressive-like behavior in male wild-type Wistar rats. *Brain Research*, **2019**, 1721, 146283 | 3.7 | 9 |
| 147 | Reduced vascular endothelial growth factor levels in the cerebrospinal fluid in patients with treatment resistant major depression and the effects of electroconvulsive therapy-A pilot study. *Journal of Affective Disorders*, **2019**, 253, 449-453 | 6.6 | 11 |
| 146 | Peripheral levels of the anti-aging hormone Klotho in patients with depression. *Journal of Neural Transmission*, **2019**, 126, 771-776 | 4.3 | 2 |
| 145 | Partial withdrawal of levothyroxine treated disease leads to brain activations and effects on performance in a working memory task: A pilot study. *Journal of Neuroendocrinology*, **2019**, 31, e12707 | 3.8 | 4 |
| 144 | Association between the novel seizure quality index for the outcome prediction in electroconvulsive therapy and brain-derived neurotrophic factor serum levels. *Neuroscience Letters*, **2019**, 704, 164-168 | 3.3 | 4 |
| 143 | Evaluation of Myocardial Damage After Electroconvulsive Therapy: Analyses of High-Sensitive Cardiac Troponin I and N-Terminal pro-B-type Natriuretic Peptide. *Pharmacopsychiatry*, **2019**, 52, 92-93 | 2 | |
| 142 | Biomarkers for Antidepressant Efficacy of Electroconvulsive Therapy: An Exploratory Cerebrospinal Fluid Study. *Neuropsychobiology*, **2019**, 77, 13-22 | 4 | 11 |
| 141 | Differences between ketamine's short-term and long-term effects on brain circuitry in depression. *Translational Psychiatry*, **2019**, 9, 172 | 8.6 | 15 |
| 140 | NMDA receptor antagonists traxoprodil and lanicemine improve hippocampal-prefrontal coupling and reward-related networks in rats. *Psychopharmacology*, **2019**, 236, 3451-3463 | 4.7 | 3 |
| 139 | Experimentally induced subclinical hypothyroidism causes decreased functional connectivity of the cuneus: A resting state fMRI study. *Psychoneuroendocrinology*, **2019**, 102, 158-163 | 5 | 6 |
| 138 | Electroconvulsive therapy induced gray matter increase is not necessarily correlated with clinical data in depressed patients. *Brain Stimulation*, **2019**, 12, 335-343 | 5.1 | 35 |

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| 137 | Evidence for increased genetic risk load for major depression in patients assigned to electroconvulsive therapy. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2019**, 180, 35-45 | 3.5 | 10 |
| 136 | A novel seizure quality index based on ictal parameters for optimizing clinical decision-making in electroconvulsive therapy. Part 2: Validation. *European Archives of Psychiatry and Clinical Neuroscience*, **2019**, 269, 859-865 | 5.1 | 9 |
| 135 | Delaying initiation of electroconvulsive treatment after administration of the anaesthetic agent and muscle relaxant reduces the necessity of re-stimulation. *Nordic Journal of Psychiatry*, **2018**, 72, 341-346 | 2.3 | 2 |
| 134 | Electroconvulsive therapy enhances the anti-ageing hormone Klotho in the cerebrospinal fluid of geriatric patients with major depression. *European Neuropsychopharmacology*, **2018**, 28, 428-435 | 1.2 | 9 |
| 133 | Neural Mechanisms of Early-Life Social Stress as a Developmental Risk Factor for Severe Psychiatric Disorders. *Biological Psychiatry*, **2018**, 84, 116-128 | 7.9 | 16 |
| 132 | Antagonism at the NR2B subunit of NMDA receptors induces increased connectivity of the prefrontal and subcortical regions regulating reward behavior. *Psychopharmacology*, **2018**, 235, 1055-1068 | 4.7 | 14 |
| 131 | Longitudinal Structural and Functional Brain Network Alterations in a Mouse Model of Neuropathic Pain. *Neuroscience*, **2018**, 387, 104-115 | 3.9 | 21 |
| 130 | Electroconvulsive therapy against the patientsR will: A case series. *World Journal of Biological Psychiatry*, **2018**, 19, 236-242 | 3.8 | 15 |
| 129 | Antidepressant efficacy of electroconvulsive therapy is associated with a reduction of the innate cellular immune activity in the cerebrospinal fluid in patients with depression. *World Journal of Biological Psychiatry*, **2018**, 19, 379-389 | 3.8 | 23 |
| 128 | The affinity of antipsychotic drugs to dopamine and serotonin 5-HT receptors determines their effects on prefrontal-striatal functional connectivity. *European Neuropsychopharmacology*, **2018**, 28, 1035-1046 | 1.2 | 7 |
| 127 | Lateral habenula perturbation reduces default-mode network connectivity in a rat model of depression. *Translational Psychiatry*, **2018**, 8, 68 | 8.6 | 13 |
| 126 | Remifentanil as an adjunct to anaesthesia for electroconvulsive therapy fails to confer long-term benefits. *British Journal of Anaesthesia*, **2018**, 121, 1282-1289 | 5.4 | 5 |
| 125 | A novel Seizure Quality Index based on ictal parameters for optimizing clinical decision making in electroconvulsive therapy. Part 1: development. *European Archives of Psychiatry and Clinical Neuroscience*, **2018**, 268, 819-830 | 5.1 | 13 |
| 124 | Cerebral Venous Thrombosis Following Strangulation. *primary care companion for CNS disorders, The*, **2018**, 20, | 1.2 | 1 |
| 123 | EKT bei depressiven St□ungen. *Nervenheilkunde*, **2018**, 37, 611-616 | 0.3 | |
| 122 | Beeinflusst die EKT das Demenzrisiko?. *InFo Neurologie & Psychiatrie*, **2018**, 20, 19-19 | 0 | |
| 121 | Alcohol Use Disorder as a Possible Predictor of Electroconvulsive Therapy Response. *Journal of ECT* , **2017**, 33, 117-121 | 2 | 6 |
| 120 | Markers of the innate immune system in the cerebrospinal fluid in patients with severe depression. *Acta Psychiatrica Scandinavica*, **2017**, 136, 140-141 | 6.5 | 2 |

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| 119 | Electroconvulsive therapy enhances endocannabinoids in the cerebrospinal fluid of patients with major depression: a preliminary prospective study. *European Archives of Psychiatry and Clinical Neuroscience*, **2017**, 267, 781-786 | 5.1 | 22 |
| 118 | Keine Verbesserung neuropsychologischer und klinischer Resultate durch Ketamin. *InFo Neurologie & Psychiatrie*, **2017**, 19, 30-30 | 0 | |
| 117 | Dexmedetomidine for the management of postictal agitation after electroconvulsive therapy with S-ketamine anesthesia. *Neuropsychiatric Disease and Treatment*, **2017**, 13, 1389-1394 | 3.1 | 5 |
| 116 | Electroconvulsive Therapy in a Patient With Ultrarapid Cycling Bipolar Disorder: A Case Report. *Journal of ECT*, **2017**, 33, e40-e41 | 2 | 1 |
| 115 | Autobiographical memory deficits in patients with depression follow a temporal distribution. *Psychiatry Research*, **2017**, 257, 193-196 | 9.9 | 3 |
| 114 | Electroconvulsive therapy does not alter the synaptic protein neurogranin in the cerebrospinal fluid of patients with major depression. *Journal of Neural Transmission*, **2017**, 124, 1641-1645 | 4.3 | 3 |
| 113 | The "Forgotten" Treatment of Alcohol Withdrawal Delirium With Electroconvulsive Therapy: Successful Use in a Very Prolonged and Severe Case. *Clinical Neuropharmacology*, **2017**, 40, 183-184 | 1.4 | 23 |
| 112 | Mild Thyrotoxicosis Leads to Brain Perfusion Changes: An Arterial Spin Labelling Study. *Journal of Neuroendocrinology*, **2017**, 29, | 3.8 | 7 |
| 111 | Defining the brain circuits involved in psychiatric disorders: IMI-NEWMEDS. *Nature Reviews Drug Discovery*, **2017**, 16, 1-2 | 64.1 | 26 |
| 110 | Electroconvulsive Therapy Induces Transient Sensitivity for a Serotonin Syndrome: A Case Report. *Pharmacopsychiatry*, **2017**, 50, 41-42 | 2 | 4 |
| 109 | Early effects of a high-caloric diet and physical exercise on brain volumetry and behavior: a combined MRI and histology study in mice. *Brain Imaging and Behavior*, **2017**, 11, 1385-1396 | 4.1 | 20 |
| 108 | Optogenetic fMRI in the mouse hippocampus: Hemodynamic response to brief glutamatergic stimuli. *Journal of Cerebral Blood Flow and Metabolism*, **2016**, 36, 629-38 | 7.3 | 5 |
| 107 | Electroconvulsive therapy selectively enhances amyloid β1-42 in the cerebrospinal fluid of patients with major depression: A prospective pilot study. *European Neuropsychopharmacology*, **2016**, 26, 1877-1884 | 4.2 | 13 |
| 106 | Testing different paradigms to optimize antidepressant deep brain stimulation in different rat models of depression. *Journal of Psychiatric Research*, **2016**, 81, 36-45 | 5.2 | 23 |
| 105 | Electroconvulsive therapy increases temporal gray matter volume and cortical thickness. *European Neuropsychopharmacology*, **2016**, 26, 506-17 | 1.2 | 67 |
| 104 | Serum lipid profile changes after successful treatment with electroconvulsive therapy in major depression: A prospective pilot trial. *Journal of Affective Disorders*, **2016**, 189, 85-8 | 6.6 | 15 |
| 103 | Von einem alten Anästhetikum zu neuen Therapiestrategien. *Neurotransmitter*, **2016**, 27, 24-29 | 0.1 | |
| 102 | Non-Invasive Brain Stimulation in Conversion (Functional) Weakness and Paralysis: A Systematic Review and Future Perspectives. *Frontiers in Neuroscience*, **2016**, 10, 140 | 5.1 | 13 |

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| 101 | Influence of regional cerebral blood volume on voxel-based morphometry. *NMR in Biomedicine*, **2016**, 29, 787-95 | 4.4 | 1 |
| 100 | Brain network reorganization differs in response to stress in rats genetically predisposed to depression and stress-resilient rats. *Translational Psychiatry*, **2016**, 6, e970 | 8.6 | 16 |
| 99 | An acetylcholine alpha7 positive allosteric modulator rescues a schizophrenia-associated brain endophenotype in the 15q13.3 microdeletion, encompassing CHRNA7. *European Neuropsychopharmacology*, **2016**, 26, 1150-60 | 1.2 | 25 |
| 98 | Species-conserved reconfigurations of brain network topology induced by ketamine. *Translational Psychiatry*, **2016**, 6, e786 | 8.6 | 25 |
| 97 | Improvement in verbal memory performance in depressed in-patients after treatment with electroconvulsive therapy. *Acta Psychiatrica Scandinavica*, **2016**, 134, 461-468 | 6.5 | 9 |
| 96 | A step forward in elucidating the mystery of OCD. *European Archives of Psychiatry and Clinical Neuroscience*, **2015**, 265, 735-6 | 5.1 | 3 |
| 95 | Focus on ECT seizure quality: serum BDNF as a peripheral biomarker in depressed patients. *European Archives of Psychiatry and Clinical Neuroscience*, **2015**, 265, 227-32 | 5.1 | 48 |
| 94 | Acute ketamine challenge increases resting state prefrontal-hippocampal connectivity in both humans and rats. *Psychopharmacology*, **2015**, 232, 4231-41 | 4.7 | 64 |
| 93 | ECT seizure quality and serum BDNF, revisited. *European Archives of Psychiatry and Clinical Neuroscience*, **2015**, 265, 359-60 | 5.1 | 3 |
| 92 | Psychomimetic adverse effects of S-ketamine as an anesthetic for electroconvulsive therapy are related to low doses and not to axis I diagnosis. *Journal of ECT*, **2015**, 31, 73-4 | 2 | 2 |
| 91 | A New Type of ECT Stimuli: Burst Stimulus ECT. *Pharmacopsychiatry*, **2015**, 48, 294-6 | 2 | 2 |
| 90 | NMDA receptor blockade and catatonia: A complex relationship. *Schizophrenia Research*, **2015**, 168, 581-3 | 3.6 | 9 |
| 89 | Schnellere Remission unter EKT. *InFo Neurologie & Psychiatrie*, **2015**, 17, 22-22 | 0 | |
| 88 | 31P RINEPT MRSI and VBM reveal alterations in brain aging associated with major depression. *Magnetic Resonance in Medicine*, **2015**, 73, 1390-400 | 4.4 | 8 |
| 87 | Reduced connectivity and inter-hemispheric symmetry of the sensory system in a rat model of vulnerability to developing depression. *Neuroscience*, **2015**, 310, 742-50 | 3.9 | 9 |
| 86 | Protein S-100 and neuron-specific enolase serum levels remain unaffected by electroconvulsive therapy in patients with depression. *Journal of Neural Transmission*, **2014**, 121, 1411-5 | 4.3 | 12 |
| 85 | Functionally altered neurocircuits in a rat model of treatment-resistant depression show prominent role of the habenula. *European Neuropsychopharmacology*, **2014**, 24, 381-90 | 1.2 | 27 |
| 84 | Severe agitation in severe early-onset Alzheimer's disease resolves with ECT. *Neuropsychiatric Disease and Treatment*, **2014**, 10, 2147-51 | 3.1 | 12 |

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| 83 | The syndrome of delirious depression: conception and case description. *Journal of Clinical Psychopharmacology*, **2014**, 34, 286-8 | 1.7 | 1 |
| 82 | Sub-anesthetic ketamine modulates intrinsic BOLD connectivity within the hippocampal-prefrontal circuit in the rat. *Neuropsychopharmacology*, **2014**, 39, 895-906 | 8.7 | 81 |
| 81 | Preliminary evaluation of clinical outcome and safety of ketamine as an anesthetic for electroconvulsive therapy in schizophrenia. *World Journal of Biological Psychiatry*, **2014**, 15, 242-50 | 3.8 | 9 |
| 80 | Exercise boosts hippocampal volume by preventing early age-related gray matter loss. *Hippocampus*, **2014**, 24, 131-4 | 3.5 | 20 |
| 79 | Signal-to-noise ratio of a mouse brain (13) C CryoProbe□System in comparison with room temperature coils: spectroscopic phantom and in vivo results. *NMR in Biomedicine*, **2014**, 27, 709-15 | 4.4 | 20 |
| 78 | New evidence for seizure quality improvement by hyperoxia and mild hypocapnia. *Journal of ECT*, **2014**, 30, 287-91 | 2 | 32 |
| 77 | Type of anesthetic agent, timing, and hyperventilation as covariates in electroconvulsive therapy. *Journal of ECT*, **2014**, 30, e39-40 | 2 | 4 |
| 76 | A matter of timing: harm reduction in learned helplessness. *Behavioral and Brain Functions*, **2014**, 10, 41 | 4.1 | 5 |
| 75 | Advantages and challenges of small animal magnetic resonance imaging as a translational tool. *Neuropsychobiology*, **2014**, 69, 187-201 | 4 | 45 |
| 74 | Impact of the anesthetic agents ketamine, etomidate, thiopental, and propofol on seizure parameters and seizure quality in electroconvulsive therapy: a retrospective study. *European Archives of Psychiatry and Clinical Neuroscience*, **2014**, 264, 255-61 | 5.1 | 77 |
| 73 | Haloperidol modulates midbrain-prefrontal functional connectivity in the rat brain. *European Neuropsychopharmacology*, **2013**, 23, 1310-9 | 1.2 | 27 |
| 72 | Neuron specific enolase and serum remain unaffected by ultra high frequency left prefrontal transcranial magnetic stimulation in patients with depression: a preliminary study. *Journal of Neural Transmission*, **2013**, 120, 1733-6 | 4.3 | 5 |
| 71 | One ring to rule them all?--Temporospatial specificity of deep brain stimulation for treatment-resistant depression. *Medical Hypotheses*, **2013**, 81, 611-8 | 3.8 | 5 |
| 70 | Medial forebrain bundle stimulation-speed access to an old or entry into a new depression neurocircuit?. *Biological Psychiatry*, **2013**, 74, e43 | 7.9 | 11 |
| 69 | The low-frequency blood oxygenation level-dependent functional connectivity signature of the hippocampal-prefrontal network in the rat brain. *Neuroscience*, **2013**, 228, 243-58 | 3.9 | 33 |
| 68 | Indikationen f□die Elektrokonvulsionstherapie. *InFo Neurologie & Psychiatrie*, **2013**, 15, 48-52 | 0 | 0 |
| 67 | Bispectral index monitoring and seizure quality optimization in electroconvulsive therapy. *Pharmacopsychiatry*, **2013**, 46, 147-50 | 2 | 42 |
| 66 | Burst suppression: a more valid marker of postictal central inhibition?. *Journal of ECT*, **2013**, 29, 25-8 | 2 | 10 |

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| 65 | A new translational target for deep brain stimulation to treat depression. *EMBO Molecular Medicine* , **2013**, 5, 1151-3 | 12 | 49 |
| 64 | Anti-correlated cortical networks of intrinsic connectivity in the rat brain. *Brain Connectivity*, **2013**, 3, 503-11 | 2.7 | 47 |
| 63 | Genetic fate mapping of type-1 stem cell-dependent increase in newborn hippocampal neurons after electroconvulsive seizures. *Hippocampus*, **2013**, 23, 1321-30 | 3.5 | 17 |
| 62 | Deep brain stimulation of the lateral habenular complex in treatment-resistant depression: traps and pitfalls of trajectory choice. *Operative Neurosurgery*, **2013**, 72, ons184-93; discussion ons193 | 1.6 | 13 |
| 61 | Electroconvulsive therapy induces neurogenesis in frontal rat brain areas. *PLoS ONE*, **2013**, 8, e69869 | 3.7 | 54 |
| 60 | Praktische Durchf□hrung der EKT **2013**, 109-125 | | 1 |
| 59 | An□sthesiologische Aspekte der EKT **2013**, 137-154 | | |
| 58 | Technische Grundlagen der EKT **2013**, 97-108 | | |
| 57 | In vivo voxel based morphometry: detection of increased hippocampal volume and decreased glutamate levels in exercising mice. *NeuroImage*, **2012**, 61, 1206-12 | 7.9 | 90 |
| 56 | S.21.02 Deep brain stimulation of the habenula for treatment-resistant depression. *European Neuropsychopharmacology*, **2012**, 22, S138-S139 | 1.2 | |
| 55 | Central metabolite changes and activation of microglia after peripheral interleukin-2 challenge. *Brain, Behavior, and Immunity*, **2012**, 26, 277-83 | 16.6 | 18 |
| 54 | Translational magnetic resonance spectroscopy reveals excessive central glutamate levels during alcohol withdrawal in humans and rats. *Biological Psychiatry*, **2012**, 71, 1015-21 | 7.9 | 151 |
| 53 | Long-term course of brain-derived neurotrophic factor serum levels in a patient treated with deep brain stimulation of the lateral habenula. *Neuropsychobiology*, **2012**, 65, 147-52 | 4 | 29 |
| 52 | Rethinking restimulation: a case report. *Journal of ECT*, **2012**, 28, 248-9 | 2 | 3 |
| 51 | Electroconvulsive therapy in a patient after radiation treatment of a brain metastasis: a case report. *Journal of ECT*, **2012**, 28, 250-1 | 2 | 0 |
| 50 | Venlafaxin-associated post-ictal asystole during electroconvulsive therapy. *Pharmacopsychiatry*, **2012**, 45, 122-4 | 2 | 13 |
| 49 | Increase of hippocampal glutamate after electroconvulsive treatment: a quantitative proton MR spectroscopy study at 9.4 T in an animal model of depression. *World Journal of Biological Psychiatry*, **2012**, 13, 447-57 | 3.8 | 20 |
| 48 | Ultra-high-frequency left prefrontal transcranial magnetic stimulation as augmentation in severely ill patients with depression: a naturalistic sham-controlled, double-blind, randomized trial. *Neuropsychobiology*, **2012**, 66, 141-8 | 4 | 12 |

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| 47 | Management of severe postictal agitation after electroconvulsive therapy with bispectrum electroencephalogram index monitoring: a case report. *Journal of ECT*, **2012**, 28, e9-10 | 2 | 6 |
| 46 | Pharmacological inhibition of the lateral habenula improves depressive-like behavior in an animal model of treatment resistant depression. *Behavioural Brain Research*, **2011**, 216, 463-5 | 3.4 | 113 |
| 45 | Escitalopram-related rhabdomyolysis. *Journal of Clinical Psychopharmacology*, **2011**, 31, 251-3 | 1.7 | 7 |
| 44 | Should electroconvulsive therapy be more routinely used in the treatment of depression in elderly patients with cognitive disturbances?. *Neuropsychiatry*, **2011**, 1, 403-407 | 1.8 | 1 |
| 43 | Clinically favourable effects of ketamine as an anaesthetic for electroconvulsive therapy: a retrospective study. *European Archives of Psychiatry and Clinical Neuroscience*, **2011**, 261, 575-82 | 5.1 | 78 |
| 42 | Diminished gray matter in the hippocampus of cannabis users: possible protective effects of cannabidiol. *Drug and Alcohol Dependence*, **2011**, 114, 242-5 | 4.9 | 110 |
| 41 | Aspartoacylase-lacZ knockin mice: an engineered model of Canavan disease. *PLoS ONE*, **2011**, 6, e20336 | 3.7 | 32 |
| 40 | Efficacy and cognitive side effects of electroconvulsive therapy (ECT) in depressed elderly inpatients with coexisting mild cognitive impairment or dementia. *Journal of Clinical Psychiatry*, **2011**, 72, 91-7 | 4.6 | 72 |
| 39 | An integrated genome research network for studying the genetics of alcohol addiction. *Addiction Biology*, **2010**, 15, 369-79 | 4.6 | 49 |
| 38 | Creatine transporter expression after antidepressant therapy in rats bred for learned helplessness. *World Journal of Biological Psychiatry*, **2010**, 11, 329-333 | 3.8 | 8 |
| 37 | Remission of major depression under deep brain stimulation of the lateral habenula in a therapy-refractory patient. *Biological Psychiatry*, **2010**, 67, e9-e11 | 7.9 | 433 |
| 36 | Repeated electroconvulsive shock (ECS) alters the phosphorylation of glutamate receptor subunits in the rat hippocampus. *International Journal of Neuropsychopharmacology*, **2010**, 13, 1255-60 | 5.8 | 28 |
| 35 | High field FMRI reveals thalamocortical integration of segregated cognitive and emotional processing in mediodorsal and intralaminar thalamic nuclei. *Frontiers in Neuroanatomy*, **2010**, 4, 138 | 3.6 | 93 |
| 34 | Influence of anesthetic drugs and concurrent psychiatric medication on seizure adequacy during electroconvulsive therapy. *Journal of Clinical Psychiatry*, **2010**, 71, 775-7 | 4.6 | 43 |
| 33 | Creatine transporter expression after antidepressant therapy in rats bred for learned helplessness. *World Journal of Biological Psychiatry*, **2010**, 11, 329-33 | 3.8 | 5 |
| 32 | Correlations and discrepancies between serum and brain tissue levels of neurotrophins after electroconvulsive treatment in rats. *Pharmacopsychiatry*, **2009**, 42, 270-6 | 2 | 205 |
| 31 | Elektrokrampftherapie. *Psychiatrie Und Psychotherapie Up2date*, **2009**, 3, 165-180 | | 2 |
| 30 | Bispectral index monitoring during dissociative pseudo-seizure. *World Journal of Biological Psychiatry*, **2009**, 10, 603-5 | 3.8 | 3 |

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| 29 | Implications of fMRI and genetics for the law and the routine practice of forensic psychiatry. *Neurocase*, **2008**, 14, 7-14 | 0.8 | 15 |
| 28 | Abnormal amygdala activation profile in pedophilia. *European Archives of Psychiatry and Clinical Neuroscience*, **2008**, 258, 271-7 | 5.1 | 50 |
| 27 | Imaging new neurons in vivo: a pioneering tool to study the cellular biology of depression?. *BioEssays*, **2008**, 30, 806-10 | 4.1 | 4 |
| 26 | Proton magnetic resonance spectroscopic creatine correlates with creatine transporter protein density in rat brain. *Journal of Neuroscience Methods*, **2008**, 172, 215-9 | 3 | 26 |
| 25 | Dorsolateral prefrontal cortex N-acetylaspartate/total creatine (NAA/tCr) loss in male recreational cannabis users. *Biological Psychiatry*, **2007**, 61, 1281-9 | 7.9 | 114 |
| 24 | Subcortical and medial temporal MR-detectable metabolite abnormalities in unipolar major depression. *European Archives of Psychiatry and Clinical Neuroscience*, **2007**, 257, 36-9 | 5.1 | 14 |
| 23 | Welche Bedeutung hat die neurobiologische Forschung f□ die forensische Psychiatrie?. *Forensische Psychiatrie, Psychologie, Kriminologie*, **2007**, 1, 241-248 | 0.6 | 3 |
| 22 | Diffusion weighted MRI in the early phase after electroconvulsive therapy. *Neurological Research*, **2007**, 29, 256-9 | 2.7 | 30 |
| 21 | Elevated spectroscopic glutamate/gamma-amino butyric acid in rats bred for learned helplessness. *NeuroReport*, **2007**, 18, 1469-73 | 1.7 | 66 |
| 20 | Deep brain stimulation of the lateral habenula in treatment resistant major depression. *Medical Hypotheses*, **2007**, 69, 1305-8 | 3.8 | 197 |
| 19 | Safe performance of ECT in severely ill patients: A retrospective study. *European Journal of Psychiatry*, **2007**, 21, | 1 | 5 |
| 18 | ECT anesthesia: the lighter the better?. *Pharmacopsychiatry*, **2006**, 39, 201-4 | 2 | 30 |
| 17 | Bispectral index monitoring for more effective electroconvulsive therapy?. *British Journal of Anaesthesia*, **2006**, 96, 806-7 | 5.4 | 5 |
| 16 | Proton Magnetic Resonance Spectroscopy as a Monitoring Tool for Electroconvulsive Therapy Effects on the Brain. *Current Psychiatry Reviews*, **2006**, 2, 39-49 | 0.9 | 7 |
| 15 | Correlation between MR-spectroscopic rat hippocampal choline levels and phospholipase A2. *World Journal of Biological Psychiatry*, **2006**, 7, 246-50 | 3.8 | 9 |
| 14 | Elektrokonvulsionstherapie: Klinische und Wissenschaftliche Aspekte. *Journal of ECT*, **2005**, 21, 45-46 | 2 | |
| 13 | Lithium and ECT--concurrent use still demands attention: three case reports. *World Journal of Biological Psychiatry*, **2005**, 6, 121-4 | 3.8 | 37 |
| 12 | Mechanisms of depression: the role of neurogenesis. *Drug Discovery Today Disease Mechanisms*, **2004**, 1, 407-411 | | 36 |

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| 11 | Remission of polydipsia as antipsychotic effect of clozapine. *European Psychiatry*, **2004**, 19, 320-1 | 6 | 6 |
| 10 | Clozapine-induced lupus erythematosus. *Journal of Clinical Psychopharmacology*, **2004**, 24, 236-8 | 1.7 | 7 |
| 9 | Specific creatine rise in learned helplessness induced by electroconvulsive shock treatment. *NeuroReport*, **2003**, 14, 2199-201 | 1.7 | 37 |
| 8 | Choline rise in the rat hippocampus induced by electroconvulsive shock treatment. *Biological Psychiatry*, **2003**, 53, 620-3 | 7.9 | 25 |
| 7 | Electroconvulsive therapy in a patient receiving rivastigmine. *Journal of ECT*, **2002**, 18, 162-4 | 2 | 11 |
| 6 | High-dose clozapine intoxication. *Journal of Clinical Psychopharmacology*, **2002**, 22, 91-2 | 1.7 | 18 |
| 5 | Antipsychotic drug effects on motor activation measured by functional magnetic resonance imaging in schizophrenic patients. *Schizophrenia Research*, **1999**, 39, 19-29 | 3.6 | 81 |
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