

Julia Sacher

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,874
citations

136950

32
h-index

149698

56
g-index

62
all docs

62
docs citations

62
times ranked

5412
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Sex hormones affect neurotransmitters and shape the adult female brain during hormonal transition periods. <i>Frontiers in Neuroscience</i> , 2015, 9, 37. | 2.8 | 418 |
| 2 | Mapping the depressed brain: A meta-analysis of structural and functional alterations in major depressive disorder. <i>Journal of Affective Disorders</i> , 2012, 140, 142-148. | 4.1 | 281 |
| 3 | Reduced Serotonin-1A Receptor Binding in Social Anxiety Disorder. <i>Biological Psychiatry</i> , 2007, 61, 1081-1089. | 1.3 | 276 |
| 4 | Sexual dimorphism in the human brain: evidence from neuroimaging. <i>Magnetic Resonance Imaging</i> , 2013, 31, 366-375. | 1.8 | 200 |
| 5 | A mind-brain-body dataset of MRI, EEG, cognition, emotion, and peripheral physiology in young and old adults. <i>Scientific Data</i> , 2019, 6, 180308. | 5.3 | 188 |
| 6 | Stress, sex hormones, inflammation, and major depressive disorder: Extending Social Signal Transduction Theory of Depression to account for sex differences in mood disorders. <i>Psychopharmacology</i> , 2019, 236, 3063-3079. | 3.1 | 186 |
| 7 | Elevated Brain Monoamine Oxidase A Binding in the Early Postpartum Period. <i>Archives of General Psychiatry</i> , 2010, 67, 468. | 12.3 | 177 |
| 8 | Brain Monoamine Oxidase A Binding in Major Depressive Disorder. <i>Archives of General Psychiatry</i> , 2009, 66, 1304. | 12.3 | 166 |
| 9 | In-vivo Dynamics of the Human Hippocampus across the Menstrual Cycle. <i>Scientific Reports</i> , 2016, 6, 32833. | 3.3 | 108 |
| 10 | Effects of Olanzapine and Ziprasidone on Glucose Tolerance in Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2008, 33, 1633-1641. | 5.4 | 91 |
| 11 | Serum S100B Represents a New Biomarker for Mood Disorders. <i>Current Drug Targets</i> , 2013, 14, 1237-1248. | 2.1 | 91 |
| 12 | Delineation of Myotoxicity Induced by 3-Hydroxy-3-methylglutaryl CoA Reductase Inhibitors in Human Skeletal Muscle Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 1032-1041. | 2.5 | 89 |
| 13 | Serotonergic Modulation of Intrinsic Functional Connectivity. <i>Current Biology</i> , 2014, 24, 2314-2318. | 3.9 | 82 |
| 14 | Overweight and obesity are associated with neuronal injury in the human cerebellum and hippocampus in young adults: a combined MRI, serum marker and gene expression study. <i>Translational Psychiatry</i> , 2012, 2, e200-e200. | 4.8 | 77 |
| 15 | In vivo imaging of serotonin transporter occupancy by means of SPECT and [123I]ADAM in healthy subjects administered different doses of escitalopram or citalopram. <i>Psychopharmacology</i> , 2006, 188, 263-272. | 3.1 | 76 |
| 16 | Progesterone mediates brain functional connectivity changes during the menstrual cycle—A pilot resting state MRI study. <i>Frontiers in Neuroscience</i> , 2015, 9, 44. | 2.8 | 76 |
| 17 | Neuroimaging the menstrual cycle: A multimodal systematic review. <i>Frontiers in Neuroendocrinology</i> , 2021, 60, 100878. | 5.2 | 75 |
| 18 | Effects of Hormonal Contraceptives on Mood: A Focus on Emotion Recognition and Reactivity, Reward Processing, and Stress Response. <i>Current Psychiatry Reports</i> , 2019, 21, 115. | 4.5 | 73 |

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|----|--|------|-----------|
| 19 | Monoamine Oxidase A Binding in the Prefrontal and Anterior Cingulate Cortices During Acute Withdrawal From Heavy Cigarette Smoking. <i>Archives of General Psychiatry</i> , 2011, 68, 817. | 12.3 | 67 |
| 20 | Relationship of Monoamine Oxidase-A Distribution Volume to Postpartum Depression and Postpartum Crying. <i>Neuropsychopharmacology</i> , 2015, 40, 429-435. | 5.4 | 67 |
| 21 | Mutual amplification of apoptosis by statin-induced mitochondrial stress and doxorubicin toxicity in human rhabdomyosarcoma cells. <i>British Journal of Pharmacology</i> , 2004, 143, 715-724. | 5.4 | 65 |
| 22 | Mood Disorders Are Glial Disorders: Evidence from In Vivo Studies. <i>Cardiovascular Psychiatry and Neurology</i> , 2010, 2010, 1-7. | 0.8 | 61 |
| 23 | Higher serotonin transporter occupancy after multiple dose administration of escitalopram compared to citalopram: an [¹²³ I]ADAM SPECT study. <i>Psychopharmacology</i> , 2007, 191, 333-339. | 3.1 | 58 |
| 24 | Greater Monoamine Oxidase A Binding in Perimenopausal Age as Measured With Carbon 11- ¹¹ C-Labeled Harmine Positron Emission Tomography. <i>JAMA Psychiatry</i> , 2014, 71, 873. | 11.0 | 58 |
| 25 | Evidence from neuroimaging for the role of the menstrual cycle in the interplay of emotion and cognition. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 374. | 2.0 | 57 |
| 26 | Menstrual Cycle Phase Modulates Emotional Conflict Processing in Women with and without Premenstrual Syndrome (PMS) – A Pilot Study. <i>PLoS ONE</i> , 2013, 8, e59780. | 2.5 | 50 |
| 27 | Differences in the dynamics of serotonin reuptake transporter occupancy may explain superior clinical efficacy of escitalopram versus citalopram. <i>International Clinical Psychopharmacology</i> , 2009, 24, 119-125. | 1.7 | 49 |
| 28 | Monoamine oxidase A inhibitor occupancy during treatment of major depressive episodes with moclobemide or St. John's wort: an [¹¹ C]-harmine PET study. <i>Journal of Psychiatry and Neuroscience</i> , 2011, 36, 375-382. | 2.4 | 49 |
| 29 | Alexithymic features and the labeling of brief emotional facial expressions – An fMRI study. <i>Neuropsychologia</i> , 2014, 64, 289-299. | 1.6 | 44 |
| 30 | Relationship of monoamine oxidase A binding to adaptive and maladaptive personality traits. <i>Psychological Medicine</i> , 2011, 41, 1051-1060. | 4.5 | 43 |
| 31 | Neuroanatomical correlates of food addiction symptoms and body mass index in the general population. <i>Human Brain Mapping</i> , 2019, 40, 2747-2758. | 3.6 | 41 |
| 32 | Stability of BDNF in Human Samples Stored Up to 6 Months and Correlations of Serum and EDTA-Plasma Concentrations. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1189. | 4.1 | 40 |
| 33 | Human menstrual cycle variation in subcortical functional brain connectivity: a multimodal analysis approach. <i>Brain Structure and Function</i> , 2020, 225, 591-605. | 2.3 | 40 |
| 34 | Association of Estradiol and Visceral Fat With Structural Brain Networks and Memory Performance in Adults. <i>JAMA Network Open</i> , 2019, 2, e196126. | 5.9 | 29 |
| 35 | Automatic emotion processing as a function of trait emotional awareness: an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 680-689. | 3.0 | 28 |
| 36 | Serotonin Transporter Occupancy and the Functional Neuroanatomic Effects of Citalopram in Geriatric Depression. <i>American Journal of Geriatric Psychiatry</i> , 2011, 19, 1016-1025. | 1.2 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Dynamic, Adaptive Changes in MAO-A Binding after Alterations in Substrate Availability: An <i>in vivo</i> [¹¹ C]-Harmine Positron Emission Tomography Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 443-446. | 4.3 | 27 |
| 38 | Alexithymia and the labeling of facial emotions: response slowing and increased motor and somatosensory processing. <i>BMC Neuroscience</i> , 2014, 15, 40. | 1.9 | 25 |
| 39 | Using positron emission tomography to investigate hormone-mediated neurochemical changes across the female lifespan: implications for depression. <i>International Review of Psychiatry</i> , 2017, 29, 580-596. | 2.8 | 24 |
| 40 | Testosterone imbalance may link depression and increased body weight in premenopausal women. <i>Translational Psychiatry</i> , 2019, 9, 160. | 4.8 | 20 |
| 41 | Mindreading From the Eyes Declines With Aging – Evidence From 1,603 Subjects. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 550416. | 3.4 | 19 |
| 42 | The peripartum human brain: Current understanding and future perspectives. <i>Frontiers in Neuroendocrinology</i> , 2020, 59, 100859. | 5.2 | 19 |
| 43 | Striatal D2 receptor occupancy in bipolar patients treated with olanzapine. <i>European Neuropsychopharmacology</i> , 2007, 17, 102-107. | 0.7 | 18 |
| 44 | Therapy of Treatment Resistant Depression: Focus on the Management of TRD with Atypical Antipsychotics. <i>CNS Spectrums</i> , 2004, 9, 823-832. | 1.2 | 17 |
| 45 | Associations Between Anxiety, Body Mass Index, and Sex Hormones in Women. <i>Frontiers in Psychiatry</i> , 2019, 10, 479. | 2.6 | 15 |
| 46 | Determination of atomoxetine or escitalopram in human plasma by HPLC: Applications in neuroscience research studies. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2020, 58, 426-438. | 0.6 | 14 |
| 47 | Serum Neuron-Specific Enolase Is Related to Cerebellar Connectivity: A Resting-State Functional Magnetic Resonance Imaging Pilot Study. <i>Journal of Neurotrauma</i> , 2015, 32, 1380-1384. | 3.4 | 13 |
| 48 | Alexithymia and automatic processing of facial emotions: behavioral and neural findings. <i>BMC Neuroscience</i> , 2020, 21, 23. | 1.9 | 12 |
| 49 | Serum BDNF correlates with connectivity in the (pre)motor hub in the aging human brain – a resting-state fMRI pilot study. <i>Neurobiology of Aging</i> , 2016, 38, 181-187. | 3.1 | 11 |
| 50 | One-week escitalopram intake alters the excitation-inhibition balance in the healthy female brain. <i>Human Brain Mapping</i> , 2022, 43, 1868-1881. | 3.6 | 11 |
| 51 | Binding kinetics of [¹²³ I]ADAM in healthy controls: a selective SERT radioligand. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 211. | 2.1 | 8 |
| 52 | Structural brain changes in early-onset and late-onset depression: An update of volumetric MRI findings. <i>International Journal of Imaging Systems and Technology</i> , 2014, 24, 149-160. | 4.1 | 5 |
| 53 | Modulation of premotor cortex response to sequence motor learning during escitalopram intake. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1449-1462. | 4.3 | 3 |
| 54 | A single dose of escitalopram blunts the neural response in the thalamus and caudate during monetary loss. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E319-E327. | 2.4 | 3 |

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|----|---|-----|-----------|
| 55 | Time to Rethink the Default Settings in Neuroscience: Hormonal Transition Periods as Natural Experiments and <i>Why Sex Matters.</i> , 2021, , 27-42. | | 1 |
| 56 | Decreased thalamo-cortico connectivity during an implicit sequence motor learning task and 7Âdays escitalopram intake. <i>Scientific Reports</i> , 2021, 11, 15060. | 3.3 | 1 |
| 57 | No Differences in Value-Based Decision-Making Due to Use of Oral Contraceptives. <i>Frontiers in Endocrinology</i> , 2022, 13, 817825. | 3.5 | 1 |
| 58 | Molecular imaging of major depression. , 0, , 170-196. | | 0 |