

Annette B BrÃ¼hl

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

4,143
citations

172457

29
h-index

118850

62
g-index

90
all docs

90
docs citations

90
times ranked

4988
citing authors

#	ARTICLE	IF	CITATIONS
1	Release of choline in the isolated heart, an indicator of ischemic phospholipid degradation and its protection by ischemic preconditioning: No evidence for a role of phospholipase D. <i>Life Sciences</i> , 2004, 75, 1609-1620.	4.3	536
2	Real-time fMRI neurofeedback: Progress and challenges. <i>NeuroImage</i> , 2013, 76, 386-399.	4.2	398
3	Neuroimaging in social anxiety disorder—A meta-analytic review resulting in a new neurofunctional model. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 260-280.	6.1	306
4	Mindfulness and emotion regulation—an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 776-785.	3.0	238
5	Increased Brain β -Amyloid Load, Phosphorylated Tau, and Risk of Alzheimer Disease Associated With an Intronic CYP46 Polymorphism. <i>Archives of Neurology</i> , 2003, 60, 29.	4.5	210
6	Meta-analysis of real-time fMRI neurofeedback studies using individual participant data: How is brain regulation mediated?. <i>NeuroImage</i> , 2016, 124, 806-812.	4.2	204
7	Self-related awareness and emotion regulation. <i>NeuroImage</i> , 2010, 50, 734-741.	4.2	182
8	Modulation of anticipatory emotion and perception processing by cognitive control. <i>NeuroImage</i> , 2007, 37, 652-662.	4.2	145
9	Neural correlates of altered general emotion processing in social anxiety disorder. <i>Brain Research</i> , 2011, 1378, 72-83.	2.2	103
10	Training emotion regulation through real-time fMRI neurofeedback of amygdala activity. <i>NeuroImage</i> , 2019, 184, 687-696.	4.2	97
11	Real-time Neurofeedback Using Functional MRI Could Improve Down-Regulation of Amygdala Activity During Emotional Stimulation: A Proof-of-Concept Study. <i>Brain Topography</i> , 2014, 27, 138-148.	1.8	84
12	Neural circuits of emotion regulation: a comparison of mindfulness-based and cognitive reappraisal strategies. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 45-55.	3.2	81
13	White matter alterations in social anxiety disorder. <i>Journal of Psychiatric Research</i> , 2011, 45, 1366-1372.	3.1	74
14	The impact of neuroscience on society: cognitive enhancement in neuropsychiatric disorders and in healthy people. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140214.	4.0	74
15	Evidence of frontotemporal structural hypoconnectivity in social anxiety disorder: A quantitative fiber tractography study. <i>Human Brain Mapping</i> , 2013, 34, 437-446.	3.6	72
16	Increased cortical thickness in a frontoparietal network in social anxiety disorder. <i>Human Brain Mapping</i> , 2014, 35, 2966-2977.	3.6	72
17	Health-related quality of life and emotional distress in patients with dizziness: a cross-sectional approach to disentangle their relationship. <i>BMC Health Services Research</i> , 2014, 14, 317.	2.2	61
18	Neurobiological candidate endophenotypes of social anxiety disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 362-378.	6.1	61

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19	Serotonergic and Noradrenergic Modulation of Emotion Processing by Single Dose Antidepressants. <i>Neuropsychopharmacology</i> , 2010, 35, 521-533.	5.4	59
20	Hypoactivation and Dysconnectivity of a Frontostriatal Circuit During Goal-Directed Planning as an Endophenotype for Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 655-663.	1.5	52
21	Pattern of structural brain changes in social anxiety disorder after cognitive behavioral group therapy: a longitudinal multimodal MRI study. <i>Molecular Psychiatry</i> , 2017, 22, 1164-1171.	7.9	48
22	Neural correlates of "pessimistic" attitude in depression. <i>Psychological Medicine</i> , 2010, 40, 789-800.	4.5	47
23	Functional magnetic resonance imaging of tics and tic suppression in Gilles de la Tourette syndrome. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 567-570.	2.6	43
24	Neural activity associated with self-reflection. <i>BMC Neuroscience</i> , 2012, 13, 52.	1.9	41
25	Altered processing of self-related emotional stimuli in mindfulness meditators. <i>NeuroImage</i> , 2016, 124, 958-967.	4.2	40
26	Altered emotion processing circuits during the anticipation of emotional stimuli in women with borderline personality disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 45-60.	3.2	39
27	Focusing the Neuroscience and Societal Implications of Cognitive Enhancers. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 101, 170-172.	4.7	39
28	Acceptance and Commitment Therapy (ACT) Improves Sleep Quality, Experiential Avoidance, and Emotion Regulation in Individuals with Insomnia"Results from a Randomized Interventional Study. <i>Life</i> , 2021, 11, 133.	2.4	37
29	Brain Activation Associated with Pride and Shame. <i>Neuropsychobiology</i> , 2014, 69, 95-106.	1.9	35
30	Drugs, games, and devices for enhancing cognition: implications for work and society. <i>Annals of the New York Academy of Sciences</i> , 2016, 1369, 195-217.	3.8	30
31	Neural correlates of personality dimensions and affective measures during the anticipation of emotional stimuli. <i>Brain Imaging and Behavior</i> , 2011, 5, 86-96.	2.1	29
32	Neural correlates of mindful self-awareness in mindfulness meditators and meditation-naïve subjects revisited. <i>Biological Psychology</i> , 2016, 119, 21-30.	2.2	29
33	Neuroethical issues in cognitive enhancement: Modafinil as the example of a workplace drug?. <i>Brain and Neuroscience Advances</i> , 2019, 3, 239821281881601.	3.4	26
34	Differential modulation of emotion processing brain regions by noradrenergic and serotonergic antidepressants. <i>Psychopharmacology</i> , 2011, 216, 389-399.	3.1	25
35	General emotion processing in social anxiety disorder: Neural issues of cognitive control. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 108-115.	1.8	25
36	Common and differential alterations of general emotion processing in obsessive-compulsive and social anxiety disorder. <i>Psychological Medicine</i> , 2016, 46, 1427-1436.	4.5	25

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37	Making Sense of Real-Time Functional Magnetic Resonance Imaging (rtfMRI) and rtfMRI Neurofeedback. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv020-pyv020.	2.1	24
38	Sex differences in depressive symptoms and their networks in a treatment-seeking population – a cross-sectional study. <i>Journal of Affective Disorders</i> , 2021, 278, 357-364.	4.1	24
39	Internet-Based Self-Help for Trichotillomania: A Randomized Controlled Study Comparing Decoupling and Progressive Muscle Relaxation. <i>Psychotherapy and Psychosomatics</i> , 2015, 84, 359-367.	8.8	22
40	SmoCuDa: A Validated Smoking Cue Database to Reliably Induce Craving in Tobacco Use Disorder. <i>European Addiction Research</i> , 2021, 27, 107-114.	2.4	21
41	The potential impact of biochemical mediators on telomere attrition in major depressive disorder and implications for future study designs: A narrative review. <i>Journal of Affective Disorders</i> , 2018, 225, 630-646.	4.1	20
42	Degradation of phosphatidylethanol counteracts the apparent phospholipase D-mediated formation in heart and other organs. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003, 1633, 84-89.	2.4	19
43	Neural circuits associated with positive and negative self-appraisal. <i>Neuroscience</i> , 2014, 265, 48-59.	2.3	19
44	Evaluation of Blood Levels of C-Reactive Protein Marker in Obstructive Sleep Apnea: A Systematic Review, Meta-Analysis and Meta-Regression. <i>Life</i> , 2021, 11, 362.	2.4	18
45	Associations Between Morning Salivary and Blood Cortisol Concentrations in Individuals With Obstructive Sleep Apnea Syndrome: A Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 568823.	3.5	18
46	Effect of 1ÂHz Repetitive Transcranial Magnetic Stimulation Over the Auditory Cortex on Audiometry and Otoacoustic Emissions. <i>Brain Topography</i> , 2012, 25, 241-247.	1.8	15
47	Acute anxiety and autonomic arousal induced by CO2 inhalation impairs prefrontal executive functions in healthy humans. <i>Translational Psychiatry</i> , 2019, 9, 296.	4.8	15
48	Psychiatry in the Digital Age: A Blessing or a Curse?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8302.	2.6	15
49	Emotion introspection and regulation in depression. <i>Psychiatry Research - Neuroimaging</i> , 2018, 277, 7-13.	1.8	14
50	Psychometric Properties of the Persian Pittsburgh Sleep Quality Index for Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7095.	2.6	14
51	Reduced neural differentiation between self-referential cognitive and emotional processes in women with borderline personality disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 314-323.	1.8	13
52	Association between IL-8 (-251T/A) and IL-6 (-174G/C) Polymorphisms and Oral Cancer Susceptibility: A Systematic Review and Meta-Analysis. <i>Medicina (Lithuania)</i> , 2021, 57, 405.	2.0	13
53	Neural correlates of evaluating hazards of high risk. <i>Brain Research</i> , 2011, 1400, 78-86.	2.2	12
54	Novel Smartphone Interventions Improve Cognitive Flexibility and Obsessive-Compulsive Disorder Symptoms in Individuals with Contamination Fears. <i>Scientific Reports</i> , 2018, 8, 14923.	3.3	12

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55	Evolutionary and Modern Image Content Differentially Influence the Processing of Emotional Pictures. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 415.	2.0	11
56	Experimentally induced and real-world anxiety have no demonstrable effect on goal-directed behaviour. <i>Psychological Medicine</i> , 2021, 51, 1467-1478.	4.5	11
57	Sources of Sleep Disturbances and Psychological Strain for Hospital Staff Working during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6289.	2.6	11
58	Evaluation of Plasma/Serum Adiponectin (an Anti-Inflammatory Factor) Levels in Adult Patients with Obstructive Sleep Apnea Syndrome: A Systematic Review and Meta-Analysis. <i>Life</i> , 2022, 12, 738.	2.4	11
59	Negative bias of processing ambiguously cued emotional stimuli. <i>NeuroReport</i> , 2010, 21, 601-605.	1.2	10
60	Pregabalin-Induced Suicidal Ideations. <i>Pharmacopsychiatry</i> , 2011, 44, 119-119.	3.3	10
61	Graphic representation of the burden of suffering in dizziness patients. <i>Health and Quality of Life Outcomes</i> , 2014, 12, 184.	2.4	10
62	When Non-Suicidal Self-Injury Predicts Non-Suicidal Self-Injury and Poor Sleep—Results from a Larger Cross-Sectional and Quasi-Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13011.	2.6	10
63	Disentangling craving—and valence—related brain responses to smoking cues in individuals with nicotine use disorder. <i>Addiction Biology</i> , 2022, 27, e13083.	2.6	9
64	Baseline Perfusion Alterations Due to Acute Application of Quetiapine and Pramipexole in Healthy Adults. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw067.	2.1	7
65	Neural Signaling of Food Healthiness Associated with Emotion Processing. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 16.	3.4	6
66	E-mail support as an adjunct to cognitive-behavioral group therapy for social anxiety disorder: Impact on dropout and outcome. <i>Psychiatry Research</i> , 2016, 244, 151-158.	3.3	6
67	Affective regulation in trichotillomania before and after self-help interventions. <i>Journal of Psychiatric Research</i> , 2016, 75, 7-13.	3.1	6
68	Identification of Risk Factors to Predict the Occurrences of Relapses in Individuals with Schizophrenia Spectrum Disorder in Iran. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 546.	2.6	5
69	Polymorphisms of ATP-Binding Cassette, Sub-Family A, Member 4 (rs560426 and rs481931) and Non-Syndromic Cleft Lip/Palate: A Meta-Analysis. <i>Life</i> , 2021, 11, 58.	2.4	5
70	Predicting non-response to multimodal day clinic treatment in severely impaired depressed patients: a machine learning approach. <i>Scientific Reports</i> , 2022, 12, 5455.	3.3	5
71	When Much Is Too Much—Compared to Light Exercisers, Heavy Exercisers Report More Mental Health Issues and Stress, but Less Sleep Complaints. <i>Healthcare (Switzerland)</i> , 2021, 9, 1289.	2.0	4
72	Psychophysiological Responses During the Anticipation of Emotional Pictures. <i>Journal of Psychophysiology</i> , 2015, 29, 13-19.	0.7	4

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73	Trichotillomania: the impact of treatment history on the outcome of an Internet-based intervention. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1153-1162.	2.2	3
74	Individuals with Major Depressive Disorder Report High Scores of Insecure-Avoidant and Insecure-Anxious Attachment Styles, Dissociative Identity Symptoms, and Adult Traumatic Events. <i>Healthcare (Switzerland)</i> , 2021, 9, 1169.	2.0	3
75	Agomelatine for Depression in Schizophrenia: A Case-Series. <i>Psychopharmacology Bulletin</i> , 2012, 45, 35-43.	0.0	3
76	Neuroscience-based Nomenclature: improving clinical and scientific terminology in research and clinical psychopharmacology. <i>Psychological Medicine</i> , 2017, 47, 1339-1341.	4.5	1
77	Influence of Lisdexamfetamine Dimesylate on Early Ejaculation—Results from a Double-Blind Randomized Clinical Trial. <i>Healthcare (Switzerland)</i> , 2021, 9, 859.	2.0	1
78	Effectiveness of a Mindfulness-Based Mobile Application for the Treatment of Depression in Ambulatory Care: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2022, 11, e33423.	1.0	1
79	Threat reversal learning and avoidance habits in generalised anxiety disorder. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	1
80	PW01-94 - Psychopathological Syndromes According To The Amdp-System As A Foundation For Clinical Case Grouping In Psychiatry?. <i>European Psychiatry</i> , 2010, 25, .	0.2	0
81	Biocontrol Using fMRI Signals Recorded in Real Time: A New-Generation Neurotherapy. <i>Neuroscience and Behavioral Physiology</i> , 2018, 48, 295-316.	0.4	0
82	Dopaminergic neuromodulation has no detectable effect on visual-cue induced haemodynamic response function in the visual cortex: A double-blind, placebo-controlled functional magnetic resonance imaging study. <i>Journal of Psychopharmacology</i> , 2021, 35, 100-102.	4.0	0