

Bettina Pfleiderer

List of Publications by Year in descending order

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123
papers

5,862
citations

71102

41
h-index

82547

72
g-index

129
all docs

129
docs citations

129
times ranked

7161
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Fear Conditioning and Extinction in Neuroimaging: A Systematic Review. PLoS ONE, 2009, 4, e5865.	2.5	470
2	Interoceptive sensitivity in anxiety and anxiety disorders: An overview and integration of neurobiological findings. Clinical Psychology Review, 2010, 30, 1-11.	11.4	414
3	Effective electroconvulsive therapy reverses glutamate/glutamine deficit in the left anterior cingulum of unipolar depressed patients. Psychiatry Research - Neuroimaging, 2003, 122, 185-192.	1.8	266
4	Metabolic changes within the left dorsolateral prefrontal cortex occurring with electroconvulsive therapy in patients with treatment resistant unipolar depression. Psychological Medicine, 2003, 33, 1277-1284.	4.5	227
5	Neurotrophic Effects of Electroconvulsive Therapy: A Proton Magnetic Resonance Study of the Left Amygdalar Region in Patients with Treatment-Resistant Depression. Neuropsychopharmacology, 2003, 28, 720-725.	5.4	186
6	Decreased Gray Matter Volumes in the Cingulo-Frontal Cortex and the Amygdala in Patients With Fibromyalgia. Psychosomatic Medicine, 2009, 71, 566-573.	2.0	186
7	Acute mania is accompanied by elevated glutamate/glutamine levels within the left dorsolateral prefrontal cortex. Psychopharmacology, 2003, 168, 344-346.	3.1	168
8	Neural correlates of trait anxiety in fear extinction. Psychological Medicine, 2011, 41, 789-798.	4.5	148
9	Altered brain activity during pain processing in fibromyalgia. NeuroImage, 2009, 44, 502-508.	4.2	139
10	Metabolic changes after repetitive transcranial magnetic stimulation (rTMS) of the left prefrontal cortex: a sham-controlled proton magnetic resonance spectroscopy (1H MRS) study of healthy brain. European Journal of Neuroscience, 2003, 17, 2462-2468.	2.6	138
11	Effect of Cognitive-Behavioral Therapy on Neural Correlates of Fear Conditioning in Panic Disorder. Biological Psychiatry, 2013, 73, 93-101.	1.3	137
12	Neural Substrates of Treatment Response to Cognitive-Behavioral Therapy in Panic Disorder With Agoraphobia. American Journal of Psychiatry, 2013, 170, 1345-1355.	7.2	120
13	Predicting Treatment Response to Cognitive Behavioral Therapy in Panic Disorder With Agoraphobia by Integrating Local Neural Information. JAMA Psychiatry, 2015, 72, 68.	11.0	110
14	Cognitive impairment and in vivo metabolites in first-episode neuroleptic-naive and chronic medicated schizophrenic patients: A proton magnetic resonance spectroscopy study. Journal of Psychiatric Research, 2007, 41, 625-634.	3.1	94
15	Gender differences in chronic pruritus: women present different morbidity, more scratch lesions and higher burden. British Journal of Dermatology, 2013, 168, 1273-1280.	1.5	93
16	Evidence for glutamatergic neuronal dysfunction in the prefrontal cortex in chronic but not in first-episode patients with schizophrenia: a proton magnetic resonance spectroscopy study. Schizophrenia Research, 2005, 73, 153-157.	2.0	92
17	MAOA and mechanisms of panic disorder revisited: from bench to molecular psychotherapy. Molecular Psychiatry, 2014, 19, 122-128.	7.9	89
18	Toward literature-based feature selection for diagnostic classification: a meta-analysis of resting-state fMRI in depression. Frontiers in Human Neuroscience, 2014, 8, 692.	2.0	84

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19	N-acetylaspartate levels of left frontal cortex are associated with verbal intelligence in women but not in men: a proton magnetic resonance spectroscopy study. <i>Neuroscience</i> , 2004, 123, 1053-1058.	2.3	83
20	Determination of siloxanes, silicon, and platinum in tissues of women with silicone gel-filled implants. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 356-362.	3.7	81
21	Glial cell activation in a subgroup of patients with schizophrenia indicated by increased S100B serum concentrations and elevated myo-inositol. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 361-364.	4.8	72
22	Proton magnetic resonance spectroscopy in anorexia nervosa: correlations with cognition. <i>NeuroReport</i> , 2004, 15, 549-553.	1.2	67
23	Migration and Accumulation of Silicone in the Liver of Women with Silicone Gel-Filled Breast Implants. <i>Magnetic Resonance in Medicine</i> , 1995, 33, 8-17.	3.0	66
24	fMRI amygdala activation during a spontaneous panic attack in a patient with panic disorder. <i>World Journal of Biological Psychiatry</i> , 2007, 8, 269-272.	2.6	65
25	fMRI reveals altered auditory processing in manifest and premanifest Huntington's disease. <i>Neuropsychologia</i> , 2008, 46, 1279-1289.	1.6	64
26	Migration and biodegradation of free silicone from silicone gel-filled implants after long-term implantation. <i>Magnetic Resonance in Medicine</i> , 1993, 30, 534-543.	3.0	61
27	Coordinate-based (ALE) meta-analysis of brain activation in patients with fibromyalgia. <i>Human Brain Mapping</i> , 2016, 37, 1749-1758.	3.6	61
28	Cerebral Activation and Catastrophizing During Pain Anticipation in Patients With Fibromyalgia. <i>Psychosomatic Medicine</i> , 2011, 73, 751-759.	2.0	60
29	Determination of Low Molecular Weight Silicones in Plasma and Blood of Women after Exposure to Silicone Breast Implants by GC/MS. <i>Analytical Chemistry</i> , 2001, 73, 606-611.	6.5	59
30	Fibromyalgia unique temporal brain activation during experimental pain: a controlled fMRI Study. <i>Journal of Neural Transmission</i> , 2010, 117, 123-131.	2.8	59
31	Functional connectivity profile of the human inferior frontal junction: involvement in a cognitive control network. <i>BMC Neuroscience</i> , 2012, 13, 119.	1.9	59
32	Multivariate Classification of Blood Oxygen Level-Dependent fMRI Data with Diagnostic Intention: A Clinical Perspective. <i>American Journal of Neuroradiology</i> , 2014, 35, 848-855.	2.4	54
33	Allelic variation in CRHR1 predisposes to panic disorder: evidence for biased fear processing. <i>Molecular Psychiatry</i> , 2016, 21, 813-822.	7.9	54
34	Altered top-down and bottom-up processing of fear conditioning in panic disorder with agoraphobia. <i>Psychological Medicine</i> , 2014, 44, 381-394.	4.5	52
35	Levels of error processing in Huntington's disease: A combined study using event-related potentials and voxel-based morphometry. <i>Human Brain Mapping</i> , 2008, 29, 121-130.	3.6	50
36	Brain correlates of hypnotic paralysis—a resting-state fMRI study. <i>NeuroImage</i> , 2011, 56, 2173-2182.	4.2	48

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37	Relations between the characteristics and psychological comorbidities of chronic pruritus differ between men and women: women are more anxious than men. <i>British Journal of Dermatology</i> , 2015, 172, 1323-1328.	1.5	47
38	Major depressive disorder: Findings of reduced homotopic connectivity and investigation of underlying structural mechanisms. <i>Human Brain Mapping</i> , 2016, 37, 1209-1217.	3.6	47
39	Separating depressive comorbidity from panic disorder: A combined functional magnetic resonance imaging and machine learning approach. <i>Journal of Affective Disorders</i> , 2015, 184, 182-192.	4.1	45
40	Cerebral mechanisms of experimental hyperalgesia in fibromyalgia. <i>European Journal of Pain</i> , 2012, 16, 636-647.	2.8	44
41	Health-Related Quality of Life in Chronic Pruritus: An Analysis Related to Disease Etiology, Clinical Skin Conditions and Itch Intensity. <i>Dermatology</i> , 2015, 231, 253-259.	2.1	44
42	Coding of Incisional Pain in the Brain. <i>Anesthesiology</i> , 2010, 112, 406-417.	2.5	44
43	Facing the Challenges of Chronic Pruritus: A Report From a Multi-disciplinary Medical Itch Centre in Germany. <i>Acta Dermato-Venereologica</i> , 2015, 95, 266-271.	1.3	42
44	Magnetic resonance imaging protocols for examination of the neurocranium at 3T. <i>European Radiology</i> , 2003, 13, 2170-2179.	4.5	39
45	Elevated metabolites within dorsolateral prefrontal cortex in rapid cycling bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2009, 172, 78-81.	1.8	39
46	Intraepidermal Nerve Fibre Density is Decreased in Lesional and Inter-lesional Prurigo Nodularis and Reconstitutes on Healing of Lesions. <i>Acta Dermato-Venereologica</i> , 2016, 96, 404-406.	1.3	38
47	The functional rs1019C/G HTR1A polymorphism and mechanisms of fear. <i>Translational Psychiatry</i> , 2014, 4, e490-e490.	4.8	37
48	Effects of antidepressive therapy on auditory processing in severely depressed patients: A combined MRS and MEG study. <i>Journal of Psychiatric Research</i> , 2006, 40, 293-306.	3.1	34
49	Anticipating agoraphobic situations: the neural correlates of panic disorder with agoraphobia. <i>Psychological Medicine</i> , 2014, 44, 2385-2396.	4.5	34
50	Alterations in voluntary movement execution in Huntington's disease are related to the dominant motor system - Evidence from event-related potentials. <i>Experimental Neurology</i> , 2009, 216, 148-157.	4.1	31
51	Acute Shift in Glutamate Concentrations Following Experimentally Induced Panic with Cholecystinin Tetrapeptide - A 3T-MRS Study in Healthy Subjects. <i>Neuropsychopharmacology</i> , 2013, 38, 1648-1654.	5.4	31
52	Neural Correlates of Procedural Variants in Cognitive-Behavioral Therapy: A Randomized, Controlled Multicenter fMRI Study. <i>Psychotherapy and Psychosomatics</i> , 2014, 83, 222-233.	8.8	31
53	Therapygenetics: anterior cingulate cortex-amygdala coupling is associated with 5-HTTLPR and treatment response in panic disorder with agoraphobia. <i>Journal of Neural Transmission</i> , 2015, 122, 135-144.	2.8	31
54	Diagnostic Classification Based on Functional Connectivity in Chronic Pain. <i>Academic Radiology</i> , 2014, 21, 369-377.	2.5	30

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55	Study of aging of silicone rubber biomaterials with NMR. <i>Journal of Biomedical Materials Research Part B</i> , 1995, 29, 1129-1140.	3.1	28
56	Visualization of Auditory Habituation by fMRI. <i>NeuroImage</i> , 2002, 17, 1705-1710.	4.2	28
57	A study of the aging of silicone breast implants using ²⁹ Si, ¹ H relaxation and DSC measurements. <i>Biomaterials</i> , 2004, 25, 4405-4413.	11.4	28
58	Medicine Goes Female: Protocol for Improving Career Options of Females and Working Conditions for Researching Physicians in Clinical Medical Research by Organizational Transformation and Participatory Design. <i>JMIR Research Protocols</i> , 2017, 6, e152.	1.0	27
59	Liquid- and solid-state high-resolution NMR methods for the investigation of aging processes of silicone breast implants. <i>Biomaterials</i> , 2003, 24, 35-46.	11.4	26
60	Altered Habituation in the Auditory Cortex in a Subgroup of Depressed Patients by Functional Magnetic Resonance Imaging. <i>Neuropsychobiology</i> , 2004, 49, 5-9.	1.9	25
61	Assessment of verbal memory by fMRI: Lateralization and functional neuroanatomy. <i>Clinical Neurology and Neurosurgery</i> , 2009, 111, 57-62.	1.4	25
62	Sex Differences in Itch Perception and Modulation by Distraction – an fMRI Pilot Study in Healthy Volunteers. <i>PLoS ONE</i> , 2013, 8, e79123.	2.5	25
63	Itch Perception and Skin Reactions as Modulated by Verbal Suggestions: Role of Participant’s and Investigator’s Sex. <i>Acta Dermato-Venereologica</i> , 2016, 96, 619-623.	1.3	25
64	Metabolic disturbances during short exercises in dermatomyositis revealed by real-time functional ³¹ P magnetic resonance spectroscopy. <i>Rheumatology</i> , 2004, 43, 696-703.	1.9	24
65	Diagnostic classification of unipolar depression based on resting-state functional connectivity MRI: effects of generalization to a diverse sample. <i>Journal of Neural Transmission</i> , 2017, 124, 589-605.	2.8	24
66	Support Vector Machine Analysis of Functional Magnetic Resonance Imaging of Interoception Does Not Reliably Predict Individual Outcomes of Cognitive Behavioral Therapy in Panic Disorder with Agoraphobia. <i>Frontiers in Psychiatry</i> , 2017, 8, 99.	2.6	24
67	In vivo ¹ H chemical shift imaging of silicone implants. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 656-659.	3.0	23
68	Auditory processing of sine tones before, during and after ECT in depressed patients by fMRI. <i>Journal of Neural Transmission</i> , 2008, 115, 1199-1211.	2.8	23
69	Sample heterogeneity in unipolar depression as assessed by functional connectivity analyses is dominated by general disease effects. <i>Journal of Affective Disorders</i> , 2017, 222, 79-87.	4.1	22
70	Silicone gel-filled breast implants in women: findings at H-1 MR spectroscopy. <i>Radiology</i> , 1996, 201, 777-783.	7.3	20
71	Memory Performance in Severely Depressed Patients Treated by Electroconvulsive Therapy. <i>Journal of ECT</i> , 2006, 22, 189-195.	0.6	19
72	Auditory processing in remitted major depression: a long-term follow-up investigation using 3T-fMRI. <i>Journal of Neural Transmission</i> , 2012, 119, 1565-1573.	2.8	19

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73	Facing the fear – clinical and neural effects of cognitive behavioural and pharmacotherapy in panic disorder with agoraphobia. <i>European Neuropsychopharmacology</i> , 2016, 26, 431-444.	0.7	19
74	Biodegradation of polysiloxanes in lymph nodes of rats measured with ²⁹ Si NMR. <i>Biomaterials</i> , 1999, 20, 561-571.	11.4	18
75	Tackling frontal lobe-related functions in PKU through functional brain imaging: a Stroop task in adult patients. <i>Journal of Inherited Metabolic Disease</i> , 2011, 34, 711-721.	3.6	18
76	The mirror neuron system under hypnosis – Brain substrates of voluntary and involuntary motor activation in hypnotic paralysis. <i>Cortex</i> , 2013, 49, 437-445.	2.4	18
77	Influence of local complications on capsule formation around model implants in a rat model. <i>Journal of Biomedical Materials Research - Part A</i> , 2003, 64A, 12-19.	4.0	17
78	Altered auditory processing in patients with panic disorder: A pilot study. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 945-955.	2.6	17
79	Neuropeptide S receptor gene variation modulates anterior cingulate cortex Glx levels during CCK-4 induced panic. <i>European Neuropsychopharmacology</i> , 2015, 25, 1677-1682.	0.7	17
80	Improving female physician's careers in academic medicine: Chances and challenges. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2018, 32, 15-23.	4.0	17
81	Neural correlates of individual differences in anxiety sensitivity: an fMRI study using semantic priming. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1245-1254.	3.0	16
82	Assessment of Quality of Life in Chronic Pruritus: Relationship Between ItchyQoL and Dermatological Life Quality Index in 1,150 Patients. <i>Acta Dermato-Venereologica</i> , 2018, 98, 142-143.	1.3	16
83	Functional and Structural MRI Biomarkers to Detect Pre-Clinical Neurodegeneration. <i>Current Alzheimer Research</i> , 2013, 10, 125-134.	1.4	16
84	The neurochemical basis of human cortical auditory processing: combining proton magnetic resonance spectroscopy and magnetoencephalography. <i>BMC Biology</i> , 2006, 4, 25.	3.8	15
85	Medical education too: sexual harassment within the educational context of medicine – insights of undergraduates. <i>BMC Medical Education</i> , 2021, 21, 81.	2.4	14
86	A functional genetic variation of SLC6A2 repressor hsa-miR-579-3p upregulates sympathetic noradrenergic processes of fear and anxiety. <i>Translational Psychiatry</i> , 2018, 8, 226.	4.8	13
87	Neural Correlates of Individual Performance Differences in Resolving Perceptual Conflict. <i>PLoS ONE</i> , 2012, 7, e42849.	2.5	12
88	Internal focus of attention in anxiety-sensitive females up-regulates amygdale activity: an fMRI study. <i>Journal of Neural Transmission</i> , 2014, 121, 1417-1428.	2.8	12
89	Modulation of defensive reactivity by GLRB allelic variation: converging evidence from an intermediate phenotype approach. <i>Translational Psychiatry</i> , 2017, 7, e1227-e1227.	4.8	12
90	The impact of depressive comorbidity on neural plasticity following cognitive-behavioral therapy in panic disorder with agoraphobia. <i>Journal of Affective Disorders</i> , 2019, 245, 451-460.	4.1	12

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91	Approaching altered inhibitory control in phenylketonuria: A functional MRI study with a Go/NoGo task in young female adults. <i>European Journal of Neuroscience</i> , 2020, 52, 3951-3962.	2.6	12
92	Subtle changes of gray matter volume in fibromyalgia reflect chronic musculoskeletal pain rather than disease-specific effects. <i>European Journal of Neuroscience</i> , 2019, 50, 3958-3967.	2.6	11
93	Radiation-induced capsule tissue reactions around textured breast implants in a rat model. <i>Breast</i> , 2006, 15, 331-338.	2.2	10
94	Early Affective Processing in Patients with Acute Posttraumatic Stress Disorder: Magnetoencephalographic Correlates. <i>PLoS ONE</i> , 2013, 8, e71289.	2.5	10
95	Echo-planar chemical shift imaging of silicone gel prostheses. <i>Magnetic Resonance Imaging</i> , 1993, 11, 625-634.	1.8	9
96	fMRI studies of sensitivity and habituation effects within the auditory cortex at 1.5 T and 3 T. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 454-458.	3.4	9
97	Sex differences in the pharmacology of itch therapies—a narrative review. <i>Current Opinion in Pharmacology</i> , 2019, 46, 122-142.	3.5	9
98	Distraction From Itch Shows Brainstem Activation Without Reduction in Experimental Itch Sensation. <i>Acta Dermato-Venereologica</i> , 2017, 97, 1074-1080.	1.3	8
99	Association of NPSR1 gene variation and neural activity in patients with panic disorder and agoraphobia and healthy controls. <i>NeuroImage: Clinical</i> , 2019, 24, 102029.	2.7	8
100	Integration of gender-specific aspects into medical curricula—status quo and future perspectives. <i>GMS Zeitschrift für Medizinische Ausbildung</i> , 2012, 29, Doc65.	1.2	8
101	Effects of Cognitive Behavioral Therapy on Neural Processing of Agoraphobia-Specific Stimuli in Panic Disorder and Agoraphobia. <i>Psychotherapy and Psychosomatics</i> , 2018, 87, 350-365.	8.8	7
102	The modulating impact of cigarette smoking on brain structure in panic disorder: a voxel-based morphometry study. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 849-859.	3.0	7
103	Interaction of Developmental Venous Anomalies with Resting-State Functional MRI Measures. <i>American Journal of Neuroradiology</i> , 2018, 39, 2326-2331.	2.4	5
104	Music perception and movement deterioration in Huntington's disease. <i>PLOS Currents</i> , 2011, 3, RRN1252.	1.4	5
105	Dentists' Competence and Knowledge on Domestic Violence and How to Improve It—A Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4361.	2.6	5
106	Influence of single-dose quetiapine on fear network activity—A pharmaco-imaging study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 80-87.	4.8	4
107	Association of rs7688285 allelic variation coding for GLRB with fear reactivity and exposure-based therapy in patients with panic disorder and agoraphobia. <i>European Neuropsychopharmacology</i> , 2019, 29, 1138-1151.	0.7	4
108	Impact of pressure as a tactile stimulus on working memory in healthy participants. <i>PLoS ONE</i> , 2019, 14, e0213070.	2.5	4

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109	Maternal perception of children's fear: A fMRI study in mothers of preschool children. <i>Social Neuroscience</i> , 2019, 14, 739-750.	1.3	3
110	Molecular Diffusion to Determine Pore Size Distribution in Porous Solids. , 0, , 2042-2049.		3
111	Development and initial Experience of an online Exchange Platform on Sex and Gender Aspects in Medicine: "GenderMed-Wiki". <i>GMS Journal for Medical Education</i> , 2018, 35, Doc32.	0.1	3
112	Quantitative measurement of telomerase activity and localization of its catalytic subunit (hTERT) in chronic inflammation of capsule formation around various model implants and in sarcomas in a rat model. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 85A, 646-650.	4.0	2
113	Altered resting-state functional connectivity of default mode network in brachioradial pruritus. <i>Journal of the European Academy of Dermatology and Venereology</i> , 0, , .	2.4	2
114	Primary onset of bipolar disorder as rapid cycling after cessation of oral contraceptive. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 1039-1040.	2.6	1
115	Clinical and Neurofunctional Substrates of Cognitive Behavioral Therapy on Secondary Social Anxiety Disorder in Primary Panic Disorder: A Longitudinal fMRI Study. <i>Psychotherapy and Psychosomatics</i> , 2019, 88, 48-51.	8.8	1
116	Neural correlates of NOS1 ex1f-VNTR allelic variation in panic disorder and agoraphobia during fear conditioning and extinction in fMRI. <i>NeuroImage: Clinical</i> , 2020, 27, 102268.	2.7	1
117	Development of a Training Platform on Domestic Violence. , 0, , .		1
118	Acute Shift in Glutamate-Concentrations Following Experimentally Induced Panic with Cholecystinin-Tetrapeptide" A 3T-MRS Study in Healthy Subjects" A Reply to the Letter to the Editor. <i>Neuropsychopharmacology</i> , 2014, 39, 2707-2708.	5.4	0
119	Functional Connectivity During Auditory Processing in Huntington's Disease. <i>Journal of Psychophysiology</i> , 2008, 22, 195-201.	0.7	0
120	Warum wir eine geschlechtersensible Public Health-Lehre brauchen!. <i>Public Health Forum</i> , 2019, 27, 157-160.	0.2	0
121	Recommendations for an Innovative Gender-Sensitive Training and Education for Various Frontline Responder Groups. , 0, , .		0
122	Frontline Response to High Impact Domestic Violence in Germany. , 0, , .		0
123	Are stereotypes in decline? The portrayal of female anatomy in e-learning. <i>Anatomical Sciences Education</i> , 2023, 16, 720-732.	3.7	0