Oliver Stiedl

List of Publications by Year
in descending order

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Version: 2024-02-01

88 papers	4,384 citations	147566 31 h-index	110170 64 g-index
101 all docs	101 docs citations	101 times ranked	5672 citing authors

#	Article	IF	Citations
1	P11 deficiency increases stress reactivity along with HPA axis and autonomic hyperresponsiveness. Molecular Psychiatry, 2021, 26, 3253-3265.	4.1	12
2	Longitudinal Assessment of Working Memory Performance in the APPswe/PSEN1dE9 Mouse Model of Alzheimerâ€™s Disease Using an Automated Figure-8-Maze. Frontiers in Behavioral Neuroscience, 2021, 15, 655449.	1.0	3
3	Injection of galanin into the dorsal hippocampus impairs emotional memory independent of 5-HT1A receptor activation. Behavioural Brain Research, 2021, 405, 113178.	1.2	0
4	Inverse autonomic stress reactivity in depressed patients with and without prior history of depression. Journal of Psychiatric Research, 2020, 131, 114-118.	1.5	7
5	Atypical but not typical antipsychotic drugs ameliorate phencyclidine-induced emotional memory impairments in mice. European Neuropsychopharmacology, 2019, 29, 616-628.	0.3	8
6	Vagal effects of endocrine HPA axis challenges on resting autonomic activity assessed by heart rate variability measures in healthy humans. Psychoneuroendocrinology, 2019, 102, 196-203.	1.3	38
7	Seizures and disturbed brain potassium dynamics in the leukodystrophy megalencephalic leukoencephalopathy with subcortical cysts. Annals of Neurology, 2018, 83, 636-649.	2.8	32
8	Protein instability, haploinsufficiency, and cortical hyper-excitability underlie STXBP1 encephalopathy. Brain, 2018, 141, 1350-1374.	3.7	87
9	Reproducibility and replicability of rodent phenotyping in preclinical studies. Neuroscience and Biobehavioral Reviews, 2018, 87, 218-232.	2.9	153
10	Cardiovascular Conditioning: Neural Substratesâˆ†. , 2017, , .		0
11	Metabotropic glutamate2/3 receptor agonism facilitates autonomic recovery after pharmacological panic challenge in healthy humans. International Clinical Psychopharmacology, 2016, 31, 176-178.	0.9	5
12	Presynaptic inhibition upon <scp>CB</scp> 1 or <scp>mG</scp> lu2/3 receptor activation requires <scp>ERK</scp> / <scp>MAPK</scp> phosphorylation of Munc18â€1. EMBO Journal, 2016, 35, 1236-1250.	3.5	33
13	Diminished Vagal and/or Increased Sympathetic Activity in Post-Traumatic Stress Disorder. , 2016, , 1277-1295.		3
14	The role of the serotonin receptor subtypes 5-HT1A and 5-HT7 and its interaction in emotional learning and memory. Frontiers in Pharmacology, 2015, 6, 162.	1.6	110
15	Blunted autonomic reactivity to pharmacological panic challenge under long-term escitalopram treatment in healthy men. International Journal of Neuropsychopharmacology, 2015, 18, .	1.0	9
16	Functional characterization of the PCLO p.Ser4814Ala variant associated with major depressive disorder reveals cellular but not behavioral differences. Neuroscience, 2015, 300, 518-538.	1.1	13
17	Genetic Mapping in Mice Reveals the Involvement of Pcdh9 in Long-Term Social and Object Recognition and Sensorimotor Development. Biological Psychiatry, 2015, 78, 485-495.	0.7	47
18	Diminished Vagal and/or Increased Sympathetic Activity in Post-Traumatic Stress Disorder. , 2015, , 1-15.		4

#	Article	IF	Citations
19	Passive Avoidance. , 2015, , 1220-1228.		5
20	Display of individuality in avoidance behavior and risk assessment of inbred mice. Frontiers in Behavioral Neuroscience, 2014, 8, 314.	1.0	35
21	The 5-HTTLPR genotype modulates heart rate variability and its adjustment by pharmacological panic challenge in healthy men. Journal of Psychiatric Research, 2014, 50, 51-58.	1.5	12
22	Munc18-1 haploinsufficiency results in enhanced anxiety-like behavior as determined by heart rate responses in mice. Behavioural Brain Research, 2014, 260, 44-52.	1.2	27
23	A Multiscale Entropy-Based Tool for Scoring Severity of Systemic Inflammation*. Critical Care Medicine, 2014, 42, e560-e569.	0.4	26
24	A new algorithm for inâ€band noise removal and HRV analysis in mouse ECG recordings (1169.7). FASEB Journal, 2014, 28, 1169.7.	0.2	0
25	Diminished vagal activity and blunted diurnal variation of heart rate dynamics in posttraumatic stress disorder. Stress, 2013, 16, 300-310.	0.8	68
26	GABAA receptor activation in the CA1 area of the dorsal hippocampus impairs consolidation of conditioned contextual fear in C57BL/6J mice. Behavioural Brain Research, 2013, 238, 160-169.	1.2	28
27	Central 5â€<scp>HT</scp>_{1A} receptorâ€mediated modulation of heart rate dynamics and its adjustment by conditioned and unconditioned fear in mice. British Journal of Pharmacology, 2013, 170, 859-870.	2.7	13
28	Passive Avoidance. , 2013, , 1-10.		7
29	Highâ€throughput phenotyping of avoidance learning inÂmice discriminates different genotypes andÂidentifies a novel gene. Genes, Brain and Behavior, 2012, 11, 772-784.	1.1	48
30	Finding the right motivation: Genotype-dependent differences in effective reinforcements for spatial learning. Behavioural Brain Research, 2012, 226, 397-403.	1.2	35
31	5-HT1A and 5-HT7 receptor crosstalk in the regulation of emotional memory: Implications for effects of selective serotonin reuptake inhibitors. Neuropharmacology, 2012, 63, 1150-1160.	2.0	48
32	Retrieval-specific endocytosis of GluA2-AMPARs underlies adaptive reconsolidation of contextual fear. Nature Neuroscience, 2011, 14, 1302-1308.	7.1	178
33	Stress revisited: A critical evaluation of the stress concept. Neuroscience and Biobehavioral Reviews, 2011, 35, 1291-1301.	2.9	1,124
34	A mouse model of high trait anxiety shows reduced heart rate variability that can be reversed by anxiolytic drug treatment. International Journal of Neuropsychopharmacology, 2011, 14, 1341-1355.	1.0	33
35	Cardiovascular Conditioning: Neural Substrates. , 2010, , 226-235.		7
36	Passive Avoidance. , 2010, , 960-967.		1

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37	Encoding. , 2010, , 480-480.		0
38	Unconditioned Stimulus. , 2010, , 1354-1354.		0
39	Avoidance. , 2010, , 192-192.		0
40	Aversive Stimuli. , 2010, , 192-192.		0
41	Emotional Learning. , 2010, , 479-479.		0
42	Daily torpor: When heart and brain go cold â€"Nonlinear cardiac dynamics in the seasonal heterothermic Djungarian hamster. Europhysics Letters, 2009, 88, 18002.	0.7	0
43	Activity and impulsive action are controlled by different genetic and environmental factors. Genes, Brain and Behavior, 2009, 8, 817-828.	1.1	54
44	Assessing aversive emotional states through the heart in mice: Implications for cardiovascular dysregulation in affective disorders. Neuroscience and Biobehavioral Reviews, 2009, 33, 181-190.	2.9	39
45	Bidirectional modulation of classical fear conditioning in mice by 5-HT1A receptor ligands with contrasting intrinsic activities. Neuropharmacology, 2009, 57, 567-576.	2.0	24
46	P.1.10 Stimulation of 5-HT7 receptors facilitates emotional contextual learning. European Neuropsychopharmacology, 2009, 19, S10-S11.	0.3	0
47	Differential involvement of the dorsal hippocampus in passive avoidance in C57bl/6J and DBA/2J mice. Hippocampus, 2008, 18, 11-19.	0.9	78
48	Blockade of 5-HT1B receptors facilitates contextual aversive learning in mice by disinhibition of cholinergic and glutamatergic neurotransmission. Neuropharmacology, 2008, 54, 1041-1050.	2.0	31
49	The role of 5-HT1A receptors in learning and memory. Behavioural Brain Research, 2008, 195, 54-77.	1.2	271
50	Cardiac dynamics during daily torpor in the Djungarian hamster (Phodopus sungorus). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R639-R650.	0.9	24
51	Activation of the brain 5-HT2C receptors causes hypolocomotion without anxiogenic-like cardiovascular adjustments in mice. Neuropharmacology, 2007, 52, 949-957.	2.0	30
52	Fractal rigidity by enhanced sympatho-vagal antagonism in heartbeat interval dynamics elicited by central application of corticotropin-releasing factor in mice. Journal of Mathematical Biology, 2006, 52, 830-874.	0.8	19
53	5-Hydroxytryptamine 1A Receptor Blockade Facilitates Aversive Learning in Mice: Interactions with Cholinergic and Glutamatergic Mechanisms. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 581-591.	1.3	91
54	Dissociation of Temporal Dynamics of Heart Rate and Blood Pressure Responses Elicited by Conditioned Fear but Not Acoustic Startle.. Behavioral Neuroscience, 2005, 119, 55-65.	0.6	34

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55	Time-dependent involvement of the dorsal hippocampus in trace fear conditioning in mice. Hippocampus, 2005, 15, 418-426.	0.9	162
56	Corticotropin-Releasing Factor Binding Protein - A Ligand Trap?. Mini-Reviews in Medicinal Chemistry, 2005, 5, 953-960.	1.1	21
57	Corticotropin-Releasing Factor Receptor 1 and Central Heart Rate Regulation in Mice during Expression of Conditioned Fear. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 905-916.	1.3	34
58	Heart rate dynamics and behavioral responses during acute emotional challenge in corticotropin-releasing factor receptor 1-deficient and corticotropin-releasing factor-overexpressing mice. Neuroscience, 2005, 134, 1113-1122.	1.1	27
59	Central NPY receptor-mediated alteration of heart rate dynamics in mice during expression of fear conditioned to an auditory cue. Regulatory Peptides, 2004, 120, 205-214.	1.9	36
60	Behavioral and autonomic dynamics during contextual fear conditioning in mice. Autonomic Neuroscience: Basic and Clinical, 2004, 115, 15-27.	1.4	41
61	Fractal dynamics in circadian cardiac time series of corticotropin-releasing factor receptor subtype-2 deficient mice. Journal of Mathematical Biology, 2003, 47, 169-197.	0.8	25
62	Self-affine fractal variability of human heartbeat interval dynamics in health and disease. European Journal of Applied Physiology, 2003, 90, 305-316.	1.2	87
63	Cardiac dynamics in corticotropin-releasing factor receptor subtype-2 deficient mice. Neuropeptides, 2003, 37, 3-16.	0.9	16
64	Stress-mediated heart rate dynamics after deletion of the gene encoding corticotropin-releasing factor receptor 2. European Journal of Neuroscience, 2003, 17, 2231-2235.	1.2	15
65	The Auditory-Vibratory Sensory System in Bushcrickets (Tettigoniidae, Ensifera, Orthoptera) II. Signal Production and Acoustic Behavior. , 2003, , 209-232.		2
66	DISCRIMINATION BY MULTIFRACTAL SPECTRUM ESTIMATION OF HUMAN HEARTBEAT INTERVAL DYNAMICS. Fractals, 2003, 11, 195-204.	1.8	14
67	Fractal dynamics of heart beat interval fluctuations in corticotropin-releasing factor receptor subtype 2 deficient mice. Integrative Psychological and Behavioral Science, 2002, 37, 311-345.	0.3	13
68	Pharmacology and Biology of Corticotropin-Releasing Factor (CRF) Receptors. Receptors and Channels, 2002, 8, 163-177.	1.1	58
69	Post-training injections of catecholaminergic drugs do not modulate fear conditioning in rats and mice. Neuroscience Letters, 2001, 303, 123-126.	1.0	52
70	Involvement of the 5-HT1AReceptors in Classical Fear Conditioning in C57BL/6J Mice. Journal of Neuroscience, 2000, 20, 8515-8527.	1.7	95
71	Impairment of conditioned contextual fear of C57BL/6J mice by intracerebral injections of the NMDA receptor antagonist APV. Behavioural Brain Research, 2000, 116, 157-168.	1.2	87
72	Differential impairment of auditory and contextual fear conditioning by protein synthesis inhibition in C57BL/6N mice.. Behavioral Neuroscience, 1999, 113, 496-506.	0.6	51

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73	Strain and substrain differences in context- and tone-dependent fear conditioning of inbred mice. Behavioural Brain Research, 1999, 104, 1-12.	1.2	152
74	INTRAHIPPOCAMPAL APV INJECTIONS IMPAIR CONTEXT- BUT NOT TONE-DEPENDENT FEAR CONDITIONING OF C57BL/6J MICE. Behavioural Pharmacology, 1999, 10, S88.	0.8	0
75	CRF and CRF Receptors. Results and Problems in Cell Differentiation, 1999, 26, 67-90.	0.2	10
76	Differential impairment of auditory and contextual fear conditioning by protein synthesis inhibition in C57BL/6N mice. Behavioral Neuroscience, 1999, 113, 496-506.	0.6	23
77	Actions of CRF and its Analogs. Current Medicinal Chemistry, 1999, 6, 1035-1053.	1.2	65
78	Production of the Fos protein after contextual fear conditioning of C57BL/6N mice. Brain Research, 1998, 784, 37-47.	1.1	133
79	Effect of tone-dependent fear conditioning on heart rate and behavior of C57BL/6N mice.. Behavioral Neuroscience, 1997, 111, 703-711.	0.6	91
80	Morphology and physiology of local auditory interneurons in the prothoracic ganglion of the cricketAcheta domesticus. , 1997, 279, 43-53.		18
81	Morphology and physiology of local auditory interneurons in the prothoracic ganglion of the cricket Acheta domesticus. , 1997, 279, 43.		2
82	Chirp rate variability in male song ofEphippigerida taeniata (Orthoptera: Ensifera). Journal of Insect Behavior, 1994, 7, 171-181.	0.4	7
83	Specific differences in sound production and pattern recognition in tettigoniids. Behavioural Processes, 1994, 31, 293-300.	0.5	13
84	Acoustic behaviour of Ephippiger ephippiger fiebig (Orthoptera, Tettigoniidae) within a habitat of Southern France. Behavioural Processes, 1991, 23, 125-135.	0.5	11
85	TOOTH IMPACT RATE ALTERATION IN THE SONG OF MALES OFEPHIPPIGER EPHIPPIGERFIEBIG (ORTHOPTERA, TETTIGONIIDAE) AND ITS CONSEQUENCES FOR PHONOTACTIC BEHAVIOUR OF FEMALES. Bioacoustics, 1991, 3, 1-16.	0.7	17
86	Distribution and population density of the bushcricket Decticus verrucivorus in a damp-meadow biotope. Oecologia, 1990, 82, 369-373.	0.9	15
87	The importance of song and vibratory signals in the behaviour of the bushcricketEphippiger ephippiger Fiebig (Orthoptera, Tettigoniidae): taxis by females. Oecologia, 1989, 80, 142-144.	0.9	29
88	Editorial: Home Cage-Based Phenotyping in Rodents: Innovation, Standardization, Reproducibility and Translational Improvement. Frontiers in Neuroscience, 0, 16, .	1.4	4