

Katharina Braun

List of Publications by Year in descending order

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68
papers

3,521
citations

126907

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138484

58
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docs citations

68
times ranked

4006
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#	ARTICLE	IF	CITATIONS
1	Reduced ribosomal DNA transcription in the prefrontal cortex of suicide victims: consistence of new molecular RT-qPCR findings with previous morphometric data from AgNOR-stained pyramidal neurons. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 567-576.	3.2	5
2	Imaging of Functional Brain Circuits during Acquisition and Memory Retrieval in an Aversive Feedback Learning Task: Single Photon Emission Computed Tomography of Regional Cerebral Blood Flow in Freely Behaving Rats. <i>Brain Sciences</i> , 2021, 11, 659.	2.3	0
3	Visual snake aversion in <i>Octodon degus</i> and C57BL/6 mice. <i>Animal Cognition</i> , 2021, , 1.	1.8	2
4	The roots of paternal depression: Experienced and nonexperienced trauma or Folie a Deux?. <i>Developmental Psychobiology</i> , 2021, 63, e22197.	1.6	2
5	Experience-induced transgenerational (re-)programming of neuronal structure and functions: Impact of stress prior and during pregnancy. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 281-296.	6.1	36
6	Ribosomal DNA transcription in prefrontal pyramidal neurons is decreased in suicide. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 859-867.	3.2	3
7	Paternal Deprivation and Female Biparental Family Rearing Induce Dendritic and Synaptic Changes in <i>Octodon degus</i> : I. Medial Prefrontal Cortex. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 38.	2.5	6
8	Maternal Separation Induces Long-Term Alterations in the Cardiac Oxytocin Receptor and Cystathionine β -Lyase Expression in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	4.0	21
9	The neural mechanisms and consequences of paternal caregiving. <i>Nature Reviews Neuroscience</i> , 2019, 20, 205-224.	10.2	93
10	Early-Life Adversity Induces Epigenetically Regulated Changes in Hippocampal Dopaminergic Molecular Pathways. <i>Molecular Neurobiology</i> , 2019, 56, 3616-3625.	4.0	17
11	Comparing brain activity patterns during spontaneous exploratory and cue-instructed learning using single photon-emission computed tomography (SPECT) imaging of regional cerebral blood flow in freely behaving rats. <i>Brain Structure and Function</i> , 2018, 223, 2025-2038.	2.3	4
12	Infant avoidance training alters cellular activation patterns in prefronto-limbic circuits during adult avoidance learning: II. Cellular imaging of neurons expressing the activity-regulated cytoskeleton-associated protein (Arc/Arg3.1). <i>Brain Structure and Function</i> , 2018, 223, 713-725.	2.3	2
13	Infant avoidance training alters cellular activation patterns in prefronto-limbic circuits during adult avoidance learning: I. Cellular imaging of neurons expressing the synaptic plasticity early growth response protein 1 (Egr1). <i>Brain Structure and Function</i> , 2017, 222, 3639-3651.	2.3	1
14	Chronic Postnatal Stress Induces Depressive-like Behavior in Male Mice and Programs second-Hit Stress-Induced Gene Expression Patterns of OxtR and AvpR1a in Adulthood. <i>Molecular Neurobiology</i> , 2017, 54, 4813-4819.	4.0	49
15	The transgenerational transmission of childhood adversity: behavioral, cellular, and epigenetic correlates. <i>Journal of Neural Transmission</i> , 2016, 123, 1037-1052.	2.8	45
16	The Impact of Parent-Infant Interaction on Epigenetic Plasticity Mediating Synaptic Adaptations in the Infant Brain. <i>Psychopathology</i> , 2016, 49, 201-210.	1.5	13
17	Decreased ribosomal DNA transcription in dorsal raphe nucleus neurons differentiates between suicidal and non-suicidal death. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 217-224.	3.2	12
18	Transgenerational sex-specific impact of preconception stress on the development of dendritic spines and dendritic length in the medial prefrontal cortex. <i>Brain Structure and Function</i> , 2016, 221, 855-863.	2.3	44

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19	Stress in utero alters neonatal stress-induced regulation of the synaptic plasticity proteins Arc and Egr1 in a sex-specific manner. <i>Brain Structure and Function</i> , 2016, 221, 679-685.	2.3	19
20	GABAergic system impairment in the hippocampus and superior temporal gyrus of patients with paranoid schizophrenia: A post-mortem study. <i>Schizophrenia Research</i> , 2016, 177, 10-17.	2.0	27
21	Ribosomal DNA transcription in dorsal raphe nucleus neurons is increased in residual schizophrenia compared to depressed patients with affective disorders. <i>Psychiatry Research</i> , 2015, 230, 233-241.	3.3	4
22	Impact of an additional chronic BDNF reduction on learning performance in an Alzheimer mouse model. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 58.	2.0	32
23	Differential effects of wake promoting drug modafinil in aversive learning paradigms. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 220.	2.0	7
24	Calretinin and parvalbumin in schizophrenia and affective disorders: a mini-review, a perspective on the evolutionary role of calretinin in schizophrenia, and a preliminary post-mortem study of calretinin in the septal nuclei. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 393.	3.7	12
25	Stress In Utero: Prenatal Programming of Brain Plasticity and Cognition. <i>Biological Psychiatry</i> , 2015, 78, 315-326.	1.3	188
26	Early life stress and sex-specific sensitivity of the catecholaminergic systems in prefrontal and limbic regions of <i>Octodon degus</i> . <i>Brain Structure and Function</i> , 2015, 220, 861-868.	2.3	34
27	Perinatal programming of emotional brain circuits: an integrative view from systems to molecules. <i>Frontiers in Neuroscience</i> , 2014, 8, 11.	2.8	114
28	The Role of Dopamine in Schizophrenia from a Neurobiological and Evolutionary Perspective: Old Fashioned, but Still in Vogue. <i>Frontiers in Psychiatry</i> , 2014, 5, 47.	2.6	273
29	Paternal deprivation affects the functional maturation of corticotropin-releasing hormone (CRH)- and calbindin-D28k-expressing neurons in the bed nucleus of the stria terminalis (BNST) of the biparental <i>Octodon degus</i> . <i>Brain Structure and Function</i> , 2014, 219, 1983-1990.	2.3	12
30	Infant Cognitive Training Preshapes Learning-Relevant Prefrontal Circuits for Adult Learning: Learning-Induced Tagging of Dendritic Spines. <i>Cerebral Cortex</i> , 2014, 24, 2920-2930.	2.9	14
31	Paternal deprivation alters the development of catecholaminergic innervation in the prefrontal cortex and related limbic brain regions. <i>Brain Structure and Function</i> , 2013, 218, 859-872.	2.3	27
32	Early life stress-induced histone acetylations correlate with activation of the synaptic plasticity genes Arc and Egr1 in the mouse hippocampus. <i>Journal of Neurochemistry</i> , 2013, 125, 457-464.	3.9	79
33	Sex-specific positive and negative consequences of avoidance training during childhood on adult active avoidance learning in mice. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 143.	2.0	9
34	Differential changes of metabolic brain activity and interregional functional coupling in prefronto-limbic pathways during different stress conditions: functional imaging in freely behaving rodent pups. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 19.	3.7	28
35	The Prefrontal-Limbic System: Development, Neuroanatomy, Function, and Implications for Socioemotional Development. <i>Clinics in Perinatology</i> , 2011, 38, 685-702.	2.1	47
36	The experience-dependent maturation of prefronto-limbic circuits and the origin of developmental psychopathology: implications for the pathogenesis and therapy of behavioural disorders. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 14-18.	2.1	39

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37	The impact of perinatal stress on the functional maturation of prefronto-cortical synaptic circuits. <i>Progress in Brain Research</i> , 2011, 189, 155-169.	1.4	32
38	Paternal Deprivation Alters Region- and Age-Specific Interneuron Expression Patterns in the Biparental Rodent, <i>Octodon degus</i> . <i>Cerebral Cortex</i> , 2011, 21, 1532-1546.	2.9	21
39	Impaired active avoidance learning in infant rats appears to be related to insufficient metabolic recruitment of the lateral septum. <i>Neurobiology of Learning and Memory</i> , 2010, 93, 275-282.	1.9	7
40	Cognitive training during infancy and adolescence accelerates adult associative learning: Critical impact of age, stimulus contingency and training intensity. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 329-340.	1.9	10
41	Paternal deprivation induces dendritic and synaptic changes and hemispheric asymmetry of pyramidal neurons in the somatosensory cortex. <i>Developmental Neurobiology</i> , 2009, 69, 663-673.	3.0	34
42	NMDA-induced stimulation of glycolysis in developing hippocampal cell cultures. <i>Open Life Sciences</i> , 2009, 4, 50-57.	1.4	0
43	Stress-induced synaptic changes in the rat anterior cingulate cortex are dependent on endocrine developmental time windows. <i>Synapse</i> , 2008, 62, 229-232.	1.2	47
44	Refinement of dendritic and synaptic networks in the rodent anterior cingulate and orbitofrontal cortex: Critical impact of early and late social experience. <i>Developmental Neurobiology</i> , 2008, 68, 685-695.	3.0	35
45	Repeated neonatal separation stress alters the composition of neurochemically characterized interneuron subpopulations in the rodent dentate gyrus and basolateral amygdala. <i>Developmental Neurobiology</i> , 2008, 68, 1137-1152.	3.0	43
46	Long-term consequences of early experience on adult avoidance learning in female rats: Role of the dopaminergic system. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 109-122.	1.9	32
47	Exposure to neonatal separation stress alters exploratory behavior and corticotropin releasing factor expression in neurons in the amygdala and hippocampus. <i>Developmental Neurobiology</i> , 2007, 67, 617-629.	3.0	60
48	Methylphenidate treatment recovers stress-induced elevated dendritic spine densities in the rodent dorsal anterior cingulate cortex. <i>Developmental Neurobiology</i> , 2007, 67, 1891-1900.	3.0	48
49	Early stress and chronic methylphenidate cross-sensitize dopaminergic responses in the adolescent medial prefrontal cortex and nucleus accumbens. <i>Journal of Neurochemistry</i> , 2007, 103, 2234-2244.	3.9	40
50	Changes of spine density and dendritic complexity in the prefrontal cortex in offspring of mothers exposed to stress during pregnancy. <i>European Journal of Neuroscience</i> , 2006, 24, 1477-1487.	2.6	255
51	Lack of paternal care affects synaptic development in the anterior cingulate cortex. <i>Brain Research</i> , 2006, 1116, 58-63.	2.2	66
52	The international society for developmental psychobiology annual meeting symposium: Impact of early life experiences on brain and behavioral development. <i>Developmental Psychobiology</i> , 2006, 48, 583-602.	1.6	87
53	Experience-induced Changes of Dendritic Spine Densities in the Prefrontal and Sensory Cortex: Correlation with Developmental Time Windows. <i>Cerebral Cortex</i> , 2005, 15, 802-808.	2.9	157
54	Influence of parental deprivation on the behavioral development in <i>Octodon degus</i> : Modulation by maternal vocalizations. <i>Developmental Psychobiology</i> , 2003, 42, 237-245.	1.6	53

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55	Juvenile emotional experience alters synaptic composition in the rodent cortex, hippocampus, and lateral amygdala. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 16137-16142.	7.1	95
56	Separation-Induced Receptor Changes in the Hippocampus and Amygdala of <i>Octodon degus</i> : Influence of Maternal Vocalizations. Journal of Neuroscience, 2003, 23, 5329-5336.	3.6	124
57	Filial imprinting in domestic chicks is associated with spine pruning in the associative area, dorsocaudal neostriatum. European Journal of Neuroscience, 1999, 11, 2566-2570.	2.6	64
58	N-methyl-D-aspartate receptor-mediated modulation of monoaminergic metabolites and amino acids in the chick forebrain: An in vivo microdialysis and electrophysiology study. , 1999, 40, 116-135.		19
59	The dorsocaudal neostriatum of the domestic chick: a structure serving higher associative functions. Behavioural Brain Research, 1999, 98, 211-218.	2.2	44
60	Differential Emotional Experience Leads to Pruning of Dendritic Spines in the Forebrain of Domestic Chicks. Neural Plasticity, 1998, 6, 17-27.	2.2	40
61	Role of the Dorso-Caudal Neostriatum in Filial Imprinting of the Domestic Chick: a Pharmacological and Autoradiographical Approach Focused on the Involvement of NMDA-Receptors. European Journal of Neuroscience, 1997, 9, 1262-1272.	2.6	32
62	Influence of the N-Methyl-D-aspartate Receptor Antagonist DL-2-Amino-5-phosphonovaleric Acid on Auditory Filial Imprinting in the Domestic Chick. Neurobiology of Learning and Memory, 1996, 65, 177-188.	1.9	46
63	Early auditory filial learning in degus (<i>Octodon degus</i>): behavioral and autoradiographic studies. Brain Research, 1996, 743, 162-170.	2.2	52
64	Organization of the dopaminergic innervation of forebrain areas relevant to learning: A combined immunohistochemical/retrograde tracing study in the domestic chick. Journal of Comparative Neurology, 1996, 376, 1-27.	1.6	97
65	Calcium Regulation by Calcium-Binding Proteins in Neurodegenerative Disorders. Neuroscience Intelligence Unit, 1995, , .	0.5	52
66	Changes in Ca ²⁺ -binding proteins in human neurodegenerative disorders. Trends in Neurosciences, 1992, 15, 259-264.	8.6	393
67	Calcium-Binding Proteins in Avian and Mammalian Central Nervous System: Localization, Development and Possible Functions. Progress in Histochemistry and Cytochemistry, 1990, 21, III-62.	5.1	114
68	Early Life Stress-Induced Epigenetic Programming of Hippocampal NPY-Y2 Receptor Gene Expression Changes in Response to Adult Stress. Frontiers in Cellular Neuroscience, 0, 16, .	3.7	2