

Benedetta Leuner

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,550
citations

218677

26
h-index

361022

35
g-index

45
all docs

45
docs citations

45
times ranked

4258
citing authors

#	ARTICLE	IF	CITATIONS
1	Is there a link between adult neurogenesis and learning?. <i>Hippocampus</i> , 2006, 16, 216-224.	1.9	474
2	Associative Memory Formation Increases the Observation of Dendritic Spines in the Hippocampus. <i>Journal of Neuroscience</i> , 2003, 23, 659-665.	3.6	369
3	Structural Plasticity and Hippocampal Function. <i>Annual Review of Psychology</i> , 2010, 61, 111-140.	17.7	339
4	Diminished adult neurogenesis in the marmoset brain precedes old age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17169-17173.	7.1	207
5	Oxytocin stimulates adult neurogenesis even under conditions of stress and elevated glucocorticoids. <i>Hippocampus</i> , 2012, 22, 861-868.	1.9	195
6	Maternal experience inhibits the production of immature neurons in the hippocampus during the postpartum period through elevations in adrenal steroids. <i>Hippocampus</i> , 2007, 17, 434-442.	1.9	155
7	Estrogen-mediated effects on depression and memory formation in females. <i>Journal of Affective Disorders</i> , 2003, 74, 85-96.	4.1	149
8	Parenting and plasticity. <i>Trends in Neurosciences</i> , 2010, 33, 465-473.	8.6	135
9	Sexual Experience Promotes Adult Neurogenesis in the Hippocampus Despite an Initial Elevation in Stress Hormones. <i>PLoS ONE</i> , 2010, 5, e11597.	2.5	134
10	New Spines, New Memories. <i>Molecular Neurobiology</i> , 2004, 29, 117-130.	4.0	128
11	Dendritic Growth in Medial Prefrontal Cortex and Cognitive Flexibility Are Enhanced during the Postpartum Period. <i>Journal of Neuroscience</i> , 2010, 30, 13499-13503.	3.6	87
12	Chronic Gestational Stress Leads to Depressive-Like Behavior and Compromises Medial Prefrontal Cortex Structure and Function during the Postpartum Period. <i>PLoS ONE</i> , 2014, 9, e89912.	2.5	84
13	Males and females respond differently to controllability and antidepressant treatment. <i>Biological Psychiatry</i> , 2004, 56, 964-970.	1.3	83
14	Oxytocin in the prelimbic medial prefrontal cortex reduces anxiety-like behavior in female and male rats. <i>Psychoneuroendocrinology</i> , 2014, 45, 31-42.	2.7	82
15	The long and short term effects of motherhood on the brain. <i>Frontiers in Neuroendocrinology</i> , 2019, 53, 100740.	5.2	80
16	Elevated levels of kynurenic acid during gestation produce neurochemical, morphological, and cognitive deficits in adulthood: Implications for schizophrenia. <i>Neuropharmacology</i> , 2015, 90, 33-41.	4.1	77
17	Thymidine analog methods for studies of adult neurogenesis are not equally sensitive. <i>Journal of Comparative Neurology</i> , 2009, 517, 123-133.	1.6	76
18	Oxytocin in the medial prefrontal cortex regulates maternal care, maternal aggression and anxiety during the postpartum period. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 258.	2.0	71

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19	Gestational stress induces persistent depressive-like behavior and structural modifications within the postpartum nucleus accumbens. <i>European Journal of Neuroscience</i> , 2014, 40, 3766-3773.	2.6	70
20	The birth of new neurons in the maternal brain: Hormonal regulation and functional implications. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 99-113.	5.2	67
21	Blockade of insulin-like growth factor-1 has complex effects on structural plasticity in the hippocampus. <i>Hippocampus</i> , 2010, 20, 706-712.	1.9	66
22	A survey of neuroimmune changes in pregnant and postpartum female rats. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 67-78.	4.1	61
23	Oxytocin in the medial prefrontal cortex attenuates anxiety: Anatomical and receptor specificity and mechanism of action. <i>Neuropharmacology</i> , 2017, 125, 1-12.	4.1	56
24	Temporal Discontiguity Is neither Necessary nor Sufficient for Learning-Induced Effects on Adult Neurogenesis. <i>Journal of Neuroscience</i> , 2006, 26, 13437-13442.	3.6	55
25	Learning during motherhood: A resistance to stress. <i>Hormones and Behavior</i> , 2006, 50, 38-51.	2.1	40
26	The effects of gestational stress and Selective Serotonin reuptake inhibitor antidepressant treatment on structural plasticity in the postpartum brain – A translational model for postpartum depression. <i>Hormones and Behavior</i> , 2016, 77, 124-131.	2.1	40
27	Pregnancy, postpartum and parity: Resilience and vulnerability in brain health and disease. <i>Frontiers in Neuroendocrinology</i> , 2020, 57, 100820.	5.2	31
28	The maternal reward system in postpartum depression. <i>Archives of Women's Mental Health</i> , 2019, 22, 417-429.	2.6	30
29	Less can be more: Fine tuning the maternal brain. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104475.	6.1	29
30	The influence of offspring, parity, and oxytocin on cognitive flexibility during the postpartum period. <i>Hormones and Behavior</i> , 2017, 89, 130-136.	2.1	25
31	Sex differences in the effects of early life stress exposure on mast cells in the developing rat brain. <i>Hormones and Behavior</i> , 2019, 113, 76-84.	2.1	20
32	Photoperiodic regulation of hippocampal neurogenesis in adult male white-footed mice (<i>Peromyscus leucopus</i>). <i>European Journal of Neuroscience</i> , 2014, 40, 2674-2679.	2.6	12
33	GABA System Modifications During Periods of Hormonal Flux Across the Female Lifespan. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	2.0	9
34	Immune System Alterations and Postpartum Mental Illness: Evidence From Basic and Clinical Research. <i>Frontiers in Global Women S Health</i> , 2021, 2, 758748.	2.3	7
35	A Critical Time for New Neurons in the Adult Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 5845-5846.	3.6	4
36	GABA in the medial prefrontal cortex regulates anxiety-like behavior during the postpartum period. <i>Behavioural Brain Research</i> , 2021, 398, 112967.	2.2	3

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37	Beyond the baby brain: Moving towards a better understanding of the parental brain and behavior. <i>Frontiers in Neuroendocrinology</i> , 2019, 54, 100767.	5.2	0