Tracy L Bale

List of Publications by Year
in descending order

56	9,398	117625	149698
papers	citations	34 h-index	56 g-index

60	60	60	10055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CRF and CRF Receptors: Role in Stress Responsivity and Other Behaviors. Annual Review of Pharmacology and Toxicology, 2004, 44, 525-557.	9.4	1,159
2	Sex-Specific Programming of Offspring Emotionality after Stress Early in Pregnancy. Journal of Neuroscience, 2008, 28, 9055-9065.	3.6	884
3	Mice deficient for corticotropin-releasing hormone receptor-2 display anxiety-like behaviour and are hypersensitive to stress. Nature Genetics, 2000, 24, 410-414.	21.4	792
4	Early Life Programming and Neurodevelopmental Disorders. Biological Psychiatry, 2010, 68, 314-319.	1.3	791
5	Paternal Stress Exposure Alters Sperm MicroRNA Content and Reprograms Offspring HPA Stress Axis Regulation. Journal of Neuroscience, 2013, 33, 9003-9012.	3.6	690
6	Transgenerational epigenetic programming via sperm microRNA recapitulates effects of paternal stress. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13699-13704.	7.1	590
7	Epigenetic and transgenerational reprogramming of brain development. Nature Reviews Neuroscience, 2015, 16, 332-344.	10.2	398
8	Alterations in the Vaginal Microbiome by Maternal Stress Are Associated With Metabolic Reprogramming of the Offspring Gut and Brain. Endocrinology, 2015, 156, 3265-3276.	2.8	281
9	Prenatal Stress-Induced Increases in Placental Inflammation and Offspring Hyperactivity Are Male-Specific and Ameliorated by Maternal Antiinflammatory Treatment. Endocrinology, 2014, 155, 2635-2646.	2.8	238
10	Sex differences in the gut microbiomeâ€“brain axis across the lifespan. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150122.	4.0	211
11	Stress sensitivity and the development of affective disorders. Hormones and Behavior, 2006, 50, 529-533.	2.1	205
12	Early prenatal stress impact on coping strategies and learning performance is sex dependent. Physiology and Behavior, 2007, 91, 55-65.	2.1	196
13	Sex differences in prenatal epigenetic programing of stress pathways. Stress, 2011, 14, 348-356.	1.8	191
14	Stress during pregnancy alters temporal and spatial dynamics of the maternal and offspring microbiome in a sex-specific manner. Scientific Reports, 2017, 7, 44182.	3.3	183
15	The Placenta as a Mediator of Stress Effects on Neurodevelopmental Reprogramming. Neuropsychopharmacology, 2016, 41, 207-218.	5.4	178
16	The omniscient placenta: Metabolic and epigenetic regulation of fetal programming. Frontiers in Neuroendocrinology, 2015, 39, 28-37.	5.2	167
17	The placenta and neurodevelopment: sex differences in prenatal vulnerability. Dialogues in Clinical Neuroscience, 2016, 18, 459-464.	3.7	159
18	Impact of prenatal stress on long term body weight is dependent on timing and maternal sensitivity. Physiology and Behavior, 2006, 88, 605-614.	2.1	146

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19	Parental Advisory: Maternal and Paternal Stress Can Impact Offspring Neurodevelopment. Biological Psychiatry, 2018, 83, 886-894.	1.3	146
20	The maternal vaginal microbiome partially mediates the effects of prenatal stress on offspring gut and hypothalamus. Nature Neuroscience, 2018, 21, 1061-1071.	14.8	141
21	Reproductive tract extracellular vesicles are sufficient to transmit intergenerational stress and program neurodevelopment. Nature Communications, 2020, 11, 1499.	12.8	125
22	Targeted placental deletion of OGT recapitulates the prenatal stress phenotype including hypothalamic mitochondrial dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9639-9644.	7.1	124
23	Sex as a Biological Variable: Who, What, When, Why, and How. Neuropsychopharmacology, 2017, 42, 386-396.	5.4	121
24	A novel role for maternal stress and microbial transmission in early life programming and neurodevelopment. Neurobiology of Stress, 2015, 1, 81-88.	4.0	120
25	The critical importance of basic animal research for neuropsychiatric disorders. Neuropsychopharmacology, 2019, 44, 1349-1353.	5.4	106
26	Lifetime stress experience: transgenerational epigenetics and germ cell programming. Dialogues in Clinical Neuroscience, 2014, 16, 297-305.	3.7	100
27	It's the fiber, not the fat: significant effects of dietary challenge on the gut microbiome. Microbiome, 2020, 8, 15.	11.1	83
28	Prenatal and postnatal contributions of the maternal microbiome on offspring programming. Frontiers in Neuroendocrinology, 2019, 55, 100797.	5.2	77
29	Prenatal stress programming of offspring feeding behavior and energy balance begins early in pregnancy. Physiology and Behavior, 2009, 98, 94-102.	2.1	76
30	Germ Cell Origins of Posttraumatic Stress Disorder Risk: The Transgenerational Impact of Parental Stress Experience. Biological Psychiatry, 2015, 78, 307-314.	1.3	69
31	Sex Differences in Corticotropin-Releasing Factor Receptor-1 Action Within the Dorsal Raphe Nucleus in Stress Responsivity. Biological Psychiatry, 2014, 75, 873-883.	1.3	65
32	Neuroendocrine and Immune Influences on the CNS: It's a Matter of Sex. Neuron, 2009, 64, 13-16.	8.1	58
33	Driving the Next Generation: Paternal Lifetime Experiences Transmitted via Extracellular Vesicles and Their Small RNA Cargo. Biological Psychiatry, 2019, 85, 164-171.	1.3	56
34	Preadolescent Adversity Programs a Disrupted Maternal Stress ReactivityÂin Humans and Mice. Biological Psychiatry, 2017, 81, 693-701.	1.3	39
35	The composition of human vaginal microbiota transferred at birth affects offspring health in a mouse model. Nature Communications, 2021, 12, 6289.	12.8	38
36	Microphysiological systems of the placental barrier. Advanced Drug Delivery Reviews, 2020, 161-162, 161-175.	13.7	37

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37	Sex-Specific Neurodevelopmental Programming by Placental Insulin Receptors on Stress Reactivity and Sensorimotor Gating. Biological Psychiatry, 2017, 82, 127-138.	1.3	36
38	Influence of Sex and Corticotropin-Releasing Factor Pathways as Determinants in Serotonin Sensitivity. Endocrinology, 2009, 150, 3709-3716.	2.8	32
39	Dorsal Raphe Neuroinflammation Promotes Dramatic Behavioral Stress Dysregulation. Journal of Neuroscience, 2014, 34, 7113-7123.	3.6	28
40	Sex differences in microRNA-mRNA networks: examination of novel epigenetic programming mechanisms in the sexually dimorphic neonatal hypothalamus. Biology of Sex Differences, 2017, 8, 27.	4.1	27
41	Antidepressant treatment with fluoxetine during pregnancy and lactation modulates the gut microbiome and metabolome in a rat model relevant to depression. Gut Microbes, 2020, 11, 735-753.	9.8	27
42	Sex matters. Neuropsychopharmacology, 2019, 44, 1-3.	5.4	23
43	Is mom too sensitive? Impact of maternal stress during gestation. Frontiers in Neuroendocrinology, 2005, 26, 41-49.	5.2	20
44	Minireview: CRF and Wylie Vale: A Story of 41 Amino Acids and a Texan with Grit. Endocrinology, 2012, 153, 2556-2561.	2.8	19
45	Peripubertal Stress With Social Support Promotes Resilience in the Face of Aging. Endocrinology, 2016, 157, 2002-2014.	2.8	18
46	Strained in Planning Your Mouse Background? Using the HPA Stress Axis as a Biological Readout for Backcrossing Strategies. Neuropsychopharmacology, 2017, 42, 1749-1751.	5.4	17
47	Pubertal adversity alters chromatin dynamics and stress circuitry in the pregnant brain. Neuropsychopharmacology, 2020, 45, 1263-1271.	5.4	17
48	Repeated sampling facilitates within- and between-subject modeling of the human sperm transcriptome to identify dynamic and stress-responsive sncRNAs. Scientific Reports, 2020, 10, 17498.	3.3	16
49	Estradiol Modulation of Monoamine Metabolism. JAMA Psychiatry, 2014, 71, 869.	11.0	14
50	Brain and placental transcriptional responses as a readout of maternal and paternal preconception stress are fetal sex specific. Placenta, 2020, 100, 164-170.	1.5	14
51	Developmental Timing of Trauma in Women Predicts Unique Extracellular Vesicle Proteome Signatures. Biological Psychiatry, 2022, 91, 273-282.	1.3	14
52	Germ Cell Drivers: Transmission of Preconception Stress Across Generations. Frontiers in Human Neuroscience, 2021, 15, 642762.	2.0	11
53	The critical importance in identifying the biological mechanisms underlying the effects of racism on mental health. Neuropsychopharmacology, 2021, 46, 233-233.	5.4	10
54	Stress amplifies sex differences in primate prefrontal profiles of gene expression. Biology of Sex Differences, 2017, 8, 36.	4.1	7

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55	Perinatal exposure to tetracycline contributes to lasting developmental effects on offspring. Animal Microbiome, 2021, 3, 37.	3.8	6
56	Deciphering the Brain Before Birth. Biological Psychiatry, 2019, 85, 90.	1.3	1