Nandini Vasudevan

List of Publications by Year
in descending order

32	1,691	331259 21	454577 30
papers	citations	h-index	g-index

32	32	32	1751
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-genomic actions of estrogens and their interaction with genomic actions in the brain. Frontiers in Neuroendocrinology, 2008, 29, 238-257.	2.5	303
2	Membrane-Initiated Actions of Estrogens in Neuroendocrinology: Emerging Principles. Endocrine Reviews, 2007, 28, 1-19.	8.9	214
3	Early membrane estrogenic effects required for full expression of slower genomic actions in a nerve cell line. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12267-12271.	3.3	151
4	Estrogen and Thyroid Hormone Receptor Interactions: Physiological Flexibility by Molecular Specificity. Physiological Reviews, 2002, 82, 923-944.	13.1	103
5	Integration of steroid hormone initiated membrane action to genomic function in the brain. Steroids, 2005, 70, 388-396.	0.8	95
6	GPER1/GPR30 in the brain: Crosstalk with classical estrogen receptors and implications for behavior. Journal of Steroid Biochemistry and Molecular Biology, 2018, 176, 57-64.	1.2	85
7	GPR30 activation decreases anxiety in the open field test but not in the elevated plus maze test in female mice. Brain and Behavior, 2014, 4, 51-59.	1.0	74
8	Estrogens, brain and behavior: studies in fundamental neurobiology and observations related to women's health. Journal of Steroid Biochemistry and Molecular Biology, 2000, 74, 365-373.	1.2	64
9	Differential Interaction of Estrogen Receptor and Thyroid Hormone Receptor Isoforms on the Rat Oxytocin Receptor Promoter Leads to Differences in Transcriptional Regulation. Neuroendocrinology, 2001, 74, 309-324.	1.2	63
10	Differential crosstalk between estrogen receptor (ER)Î± and ERÎ² and the thyroid hormone receptor isoforms results in flexible regulation of the consensus ERE. Molecular Brain Research, 2001, 95, 9-17.	2.5	58
11	Activation of G-protein-coupled receptor 30 is sufficient to enhance spatial recognition memory in ovariectomized rats. Behavioural Brain Research, 2014, 262, 68-73.	1.2	57
12	Crosstalk Between Oestrogen Receptors and Thyroid Hormone Receptor Isoforms Results in Differential Regulation of the Preproenkephalin Gene. Journal of Neuroendocrinology, 2001, 13, 779-790.	1.2	43
13	Activation of the G-protein coupled receptor 30 (GPR30) has different effects on anxiety in male and female mice. Steroids, 2014, 81, 49-56.	0.8	42
14	Thyroid hormones regulate anxiety in the male mouse. Hormones and Behavior, 2014, 65, 88-96.	1.0	39
15	Estrogen receptor-mediated transcription involves the activation of multiple kinase pathways in neuroblastoma cells. Journal of Steroid Biochemistry and Molecular Biology, 2014, 139, 45-53.	1.2	34
16	Thyroid hormone can increase estrogen-mediated transcription from a consensus estrogen response element in neuroblastoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4890-4895.	3.3	33
17	Estrogenic regulation of social behavior and sexually dimorphic brain formation. Neuroscience and Biobehavioral Reviews, 2020, 110, 46-59.	2.9	32
18	Activation of the GPR30 Receptor Promotes Lordosis in Female Mice. Neuroendocrinology, 2014, 100, 71-80.	1.2	30

#	Article	IF	Citations
19	Membrane-Initiated Non-Genomic Signaling by Estrogens in the Hypothalamus: Cross-Talk with Glucocorticoids with Implications for Behavior. Frontiers in Endocrinology, 2015, 6, 18.	1.5	23
20	Is the membrane estrogen receptor, GPER1, a promiscuous receptor that modulates nuclear estrogen receptor-mediated functions in the brain?. Hormones and Behavior, 2018, 104, 165-172.	1.0	23
21	Calcium Flux in Neuroblastoma Cells Is a Coupling Mechanism between Non-Genomic and Genomic Modes of Estrogens. Neuroendocrinology, 2005, 81, 174-182.	1.2	21
22	Isoform Specificity for Oestrogen Receptor and Thyroid Hormone Receptor Genes and Their Interactions on the NR2D Gene Promoter. Journal of Neuroendocrinology, 2002, 14, 836-842.	1.2	19
23	Distinct behavioral phenotypes in male mice lacking the thyroid hormone receptor Î±1 or Î² isoforms. Hormones and Behavior, 2013, 63, 742-751.	1.0	16
24	Delayed Mechanical Response to Chemical Kinetics in Self-Oscillating Hydrogels Driven by the Belousovâ€“Zhabotinsky Reaction. Macromolecules, 2021, 54, 6430-6439.	2.2	16
25	Molecular mechanisms of crosstalk between thyroid hormones and estrogens. Current Opinion in Endocrinology, Diabetes and Obesity, 2005, 12, 381-388.	0.6	13
26	Does GPER1 Play a Role in Sexual Dimorphism?. Frontiers in Endocrinology, 2020, 11, 595895.	1.5	13
27	Estrogen regulation of chicken riboflavin carrier protein gene is mediated by ERE half sites without direct binding of estrogen receptor. Molecular and Cellular Endocrinology, 2005, 231, 1-11.	1.6	9
28	Genetic Mechanisms in Neural and Hormonal Controls over Female Reproductive Behaviors. , 2002, , 441-XXII.		8
29	Characterization of chicken riboflavin carrier protein gene structure and promoter regulation by estrogen. Journal of Biosciences, 2001, 26, 39-46.	0.5	5
30	Detection of the Phosphorylation of the Estrogen Receptor Î± as an Outcome of GPR30 Activation. Methods in Molecular Biology, 2016, 1366, 457-470.	0.4	3
31	Immunoblot Detection of the of the Estrogen Receptor Î± as an Outcome of GPR30/GPER1 Activation. Methods in Molecular Biology, 2022, 2418, 25-39.	0.4	2
32	Cognition and State Anxiety are Regulated by Thyroid Hormone Signaling. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2015, 15, 60-70.	0.5	0