Anna Maria Cariboni

List of Publications by Year
in descending order

53	1,907	236925 25	265206 42
papers	citations	h-index	g-index

56	56	56	2565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GnRH and GnRH receptors in the pathophysiology of the human female reproductive system. Human Reproduction Update, 2016, 22, 358-381.	10.8	156
2	Defective gonadotropin-releasing hormone neuron migration in mice lacking SEMA3A signalling through NRP1 and NRP2: implications for the aetiology of hypogonadotropic hypogonadism. Human Molecular Genetics, 2011, 20, 336-344.	2.9	124
3	The product of X-linked Kallmann's syndrome gene (KAL1) affects the migratory activity of gonadotropin-releasing hormone (GnRH)-producing neurons. Human Molecular Genetics, 2004, 13, 2781-2791.	2.9	121
4	<scp>IGSF</scp> 10 mutations dysregulate gonadotropinâ€releasing hormone neuronal migration resulting in delayed puberty. EMBO Molecular Medicine, 2016, 8, 626-642.	6.9	109
5	Dysfunctional SEMA3E signaling underlies gonadotropin-releasing hormone neuron deficiency in Kallmann syndrome. Journal of Clinical Investigation, 2015, 125, 2413-2428.	8.2	97
6	Robo1 Regulates Semaphorin Signaling to Guide the Migration of Cortical Interneurons through the Ventral Forebrain. Journal of Neuroscience, 2011, 31, 6174-6187.	3.6	92
7	From nose to fertility: the long migratory journey of gonadotropin-releasing hormone neurons. Trends in Neurosciences, 2007, 30, 638-644.	8.6	87
8	SOX2 regulates the hypothalamic-pituitary axis at multiple levels. Journal of Clinical Investigation, 2012, 122, 3635-3646.	8.2	84
9	Neuropilins and Their Ligands Are Important in the Migration of Gonadotropin-Releasing Hormone Neurons. Journal of Neuroscience, 2007, 27, 2387-2395.	3.6	78
10	VEGF signalling controls GnRH neuron survival via NRP1 independently of KDR and blood vessels. Development (Cambridge), 2011, 138, 3723-3733.	2.5	71
11	Reelin provides an inhibitory signal in the migration of gonadotropin-releasing hormone neurons. Development (Cambridge), 2005, 132, 4709-4718.	2.5	67
12	Kallmannâ€™s syndrome, a neuronal migration defect. Cellular and Molecular Life Sciences, 2006, 63, 2512-2526.	5.4	62
13	Clusterin Isoforms Differentially Affect Growth and Motility of Prostate Cells: Possible Implications in Prostate Tumorigenesis. Cancer Research, 2007, 67, 10325-10333.	0.9	53
14	Hepatocyte Growth Factor/Scatter Factor Facilitates Migration of GN-11 Immortalized LHRH Neurons. Endocrinology, 2002, 143, 3306-3315.	2.8	50
15	Early B-cell factors 2 and 3 (EBF2/3) regulate early migration of Cajalâ€“Retzius cells from the cortical hem. Developmental Biology, 2012, 365, 277-289.	2.0	41
16	HS6ST1 Insufficiency Causes Self-Limited Delayed Puberty in Contrast With Other GnRH Deficiency Genes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3420-3429.	3.6	38
17	Leukemia Inhibitory Factor Induces the Chemomigration of Immortalized Gonadotropin-Releasing Hormone Neurons through the Independent Activation of the Janus Kinase/Signal Transducer and Activator of Transcription 3, Mitogen-Activated Protein Kinase/Extracellularly Regulated Kinase 1/2, and Phosphatidylinositol 3-Kinase/Akt Signaling Pathways. Molecular Endocrinology, 2007, 21, 1163-1174.	3.7	37
18	Depolarization differentially affects the secretory and migratory properties of two cell lines of immortalized luteinizing hormoneâ€releasing hormone (LHRH) neurons. European Journal of Neuroscience, 2003, 18, 1410-1418.	2.6	34

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19	Neuritin 1 promotes neuronal migration. Brain Structure and Function, 2014, 219, 105-118.	2.3	34
20	Semaphorin Signaling in GnRH Neurons: From Development to Disease. Neuroendocrinology, 2019, 109, 193-199.	2.5	32
21	CXC Chemokine Receptor 7 (CXCR7) Affects the Migration of GnRH Neurons by Regulating CXCL12 Availability. Journal of Neuroscience, 2013, 33, 17527-17537.	3.6	31
22	Cdk5 Phosphorylation of ErbB4 is Required for Tangential Migration of Cortical Interneurons. Cerebral Cortex, 2015, 25, 991-1003.	2.9	30
23	VEGF189 binds NRP1 and is sufficient for VEGF/NRP1-dependent neuronal patterning in the developing brain. Development (Cambridge), 2015, 142, 314-9.	2.5	29
24	Activation of TRPV4 channels reduces migration of immortalized neuroendocrine cells. Journal of Neurochemistry, 2011, 116, 606-615.	3.9	28
25	Slit2 and Robo3 modulate the migration of GnRH-secreting neurons. Development (Cambridge), 2012, 139, 3326-3331.	2.5	27
26	Impaired sense of smell and altered olfactory system in RAG-1â^'â^•â^' immunodeficient mice. Frontiers in Neuroscience, 2015, 9, 318.	2.8	26
27	Protein Kinase CK2 Subunits Differentially Perturb the Adhesion and Migration of GN11 Cells: A Model of Immature Migrating Neurons. International Journal of Molecular Sciences, 2019, 20, 5951.	4.1	26
28	LGR4 deficiency results in delayed puberty through impaired Wnt/Î²-catenin signaling. JCI Insight, 2020, 5, .	5.0	25
29	High-Density Lipoprotein Function Is Reduced in Patients Affected by Genetic or Idiopathic Hypogonadism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3097-3107.	3.6	21
30	In Vitro, Ex Vivo and In Vivo Techniques to Study Neuronal Migration in the Developing Cerebral Cortex. Brain Sciences, 2017, 7, 48.	2.3	20
31	PLXNA1 and PLXNA3 cooperate to pattern the nasal axons that guide gonadotropin-releasing hormone neurons. Development (Cambridge), 2019, 146, .	2.5	19
32	Expression and Differential Effects of the Activation of Glucocorticoid Receptors in Mouse Gonadotropin-Releasing Hormone Neurons. Neuroendocrinology, 2005, 82, 151-163.	2.5	18
33	A Novel SEMA3G Mutation in Two Siblings Affected by Syndromic GnRH Deficiency. Neuroendocrinology, 2021, 111, 421-441.	2.5	18
34	The Differential Roles for Neurodevelopmental and Neuroendocrine Genes in Shaping GnRH Neuron Physiology and Deficiency. International Journal of Molecular Sciences, 2021, 22, 9425.	4.1	18
35	Iron overload induces hypogonadism in male mice via extrahypothalamic mechanisms. Molecular and Cellular Endocrinology, 2017, 454, 135-145.	3.2	16
36	Anti-MÃ¼llerian Hormone, Growth Hormone, and Insulin-Like Growth Factor 1 Modulate the Migratory and Secretory Patterns of GnRH Neurons. International Journal of Molecular Sciences, 2021, 22, 2445.	4.1	16

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37	A recessive PRDM13 mutation results in congenital hypogonadotropic hypogonadism and cerebellar hypoplasia. Journal of Clinical Investigation, 2021, 131, .	8.2	16
38	The zebrafish: an emerging animal model for investigating the hypothalamic regulation of reproduction. Minerva Endocrinologica, 2016, 41, 250-65.	1.8	9
39	The role of semaphorin signaling in the etiology of hypogonadotropic hypogonadism. Minerva Endocrinologica, 2016, 41, 266-78.	1.8	9
40	Kallmannâ€™s syndrome and normosmic isolated hypogonadotropic hypogonadism: two largely overlapping manifestations of one rare disorder. Journal of Endocrinological Investigation, 2014, 37, 499-500.	3.3	8
41	Calcineurin Primes Immature Gonadotropin-Releasing Hormone-Secreting Neuroendocrine Cells for Migration. Molecular Endocrinology, 2008, 22, 729-736.	3.7	7
42	Establishment of a radial glia-like mouse fetal hypothalamic neural stem cell line (AC1) able to differentiate into neuroendocrine cells. Neurogenesis (Austin, Tex), 2014, 1, e29950.	1.5	5
43	Kallmann syndrome and idiopathic hypogonadotropic hypogonadism: The role of semaphorin signaling on GnRH neurons. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 182, 307-315.	1.8	5
44	Semaphorin Regulation by the Chromatin Remodeler CHD7: An Emerging Genetic Interaction Shaping Neural Cells and Neural Crest in Development and Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 638674.	3.7	5
45	The molecular control of GnRH neuron development. SpringerPlus, 2015, 4, L46.	1.2	3
46	The Hormone of Love Attracts a Partner for Life. Developmental Cell, 2011, 21, 602-604.	7.0	1
47	Lentiviral expression of GAD67 and CCK promoter-driven opsins to target interneuronsin vitroandin vivo. Journal of Gene Medicine, 2016, 18, 27-37.	2.8	1
48	Control of GnRH Secretion. Endocrinology, 2017, , 3-33.	0.1	1
49	A Novel Loss-of-Function SEMA3E Mutation in a Patient with Severe Intellectual Disability and Cognitive Regression. International Journal of Molecular Sciences, 2022, 23, 5632.	4.1	1
50	Cell of the month: Microtubules in mouse neurons. Nature Cell Biology, 2004, 6, 929-929.	10.3	0
51	Role of IGSF10 mutations in self-limited delayed puberty. Lancet, The, 2016, 387, S14.	13.7	0
52	Control of GnRH Secretion. Endocrinology, 2016, , 1-31.	0.1	0
53	p140Cap Controls Female Fertility in Mice Acting via Glutamatergic Afference on Hypothalamic Gonadotropin-Releasing Hormone Neurons. Frontiers in Neuroscience, 2022, 16, 744693.	2.8	0