

Holly A Ingraham

List of Publications by Year in descending order

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41
papers

4,473
citations

147801

31
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289244

40
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46
all docs

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docs citations

46
times ranked

4436
citing authors

#	ARTICLE	IF	CITATIONS
1	Enterochromaffin Cells Are Gut Chemosensors that Couple to Sensory Neural Pathways. <i>Cell</i> , 2017, 170, 185-198.e16.	28.9	568
2	Nuclear receptor steroidogenic factor 1 regulates the m ¹ /4llergic inhibiting substance gene: A link to the sex determination cascade. <i>Cell</i> , 1994, 77, 651-661.	28.9	539
3	Structural Analyses Reveal Phosphatidyl Inositols as Ligands for the NR5 Orphan Receptors SF-1 and LRH-1. <i>Cell</i> , 2005, 120, 343-355.	28.9	359
4	Phosphorylation of the Nuclear Receptor SF-1 Modulates Cofactor Recruitment. <i>Molecular Cell</i> , 1999, 3, 521-526.	9.7	358
5	Autoregulation of pit-1 gene expression mediated by two cis-active promoter elements. <i>Nature</i> , 1990, 346, 583-586.	27.8	214
6	Anti-Mullerian Hormone Inhibits Initiation of Primordial Follicle Growth in the Mouse Ovary. <i>Endocrinology</i> , 2002, 143, 1076-1084.	2.8	166
7	The Neonatal Ventromedial Hypothalamus Transcriptome Reveals Novel Markers with Spatially Distinct Patterning. <i>Journal of Neuroscience</i> , 2007, 27, 13624-13634.	3.6	150
8	Structural Basis for Ligand-Independent Activation of the Orphan Nuclear Receptor LRH-1. <i>Molecular Cell</i> , 2003, 11, 1575-1585.	9.7	147
9	The Herbicide Atrazine Activates Endocrine Gene Networks via Non-Steroidal NR5A Nuclear Receptors in Fish and Mammalian Cells. <i>PLoS ONE</i> , 2008, 3, e2117.	2.5	135
10	Stimulating the GPR30 Estrogen Receptor with a Novel Tamoxifen Analogue Activates SF-1 and Promotes Endometrial Cell Proliferation. <i>Cancer Research</i> , 2009, 69, 5415-5423.	0.9	133
11	An Estrogen-Responsive Module in the Ventromedial Hypothalamus Selectively Drives Sex-Specific Activity in Females. <i>Cell Reports</i> , 2015, 10, 62-74.	6.4	127
12	The DEAD-Box Protein DP103 (Ddx20 or Gemin-3) Represses Orphan Nuclear Receptor Activity via SUMO Modification. <i>Molecular and Cellular Biology</i> , 2005, 25, 1879-1890.	2.3	112
13	Phosphorylation and Intramolecular Stabilization of the Ligand Binding Domain in the Nuclear Receptor Steroidogenic Factor 1. <i>Molecular and Cellular Biology</i> , 2002, 22, 7193-7203.	2.3	104
14	Direct Modification and Activation of a Nuclear Receptor ² Complex by the Inositol Lipid Kinase IPMK. <i>Science Signaling</i> , 2012, 5, ra44.	3.6	96
15	Differential Requirement for Steroidogenic Factor-1 Gene Dosage in Adrenal Development Versus Endocrine Function. <i>Molecular Endocrinology</i> , 2004, 18, 941-952.	3.7	94
16	The structure of corepressor Dax-1 bound to its target nuclear receptor LRH-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18390-18395.	7.1	88
17	Requirement of the orphan nuclear receptor SF-1 in terminal differentiation of ventromedial hypothalamic neurons. <i>Molecular and Cellular Neurosciences</i> , 2003, 22, 441-453.	2.2	81
18	Eliminating SF-1 (NR5A1) Sumoylation In Vivo Results in Ectopic Hedgehog Signaling and Disruption of Endocrine Development. <i>Developmental Cell</i> , 2011, 21, 315-327.	7.0	76

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19	Structure of SF-1 Bound by Different Phospholipids: Evidence for Regulatory Ligands. <i>Molecular Endocrinology</i> , 2009, 23, 25-34.	3.7	71
20	Small Molecule Agonists of the Orphan Nuclear Receptors Steroidogenic Factor-1 (SF-1, NR5A1) and Liver Receptor Homologue-1 (LRH-1, NR5A2). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2266-2281.	6.4	71
21	The signaling phospholipid PIP3 creates a new interaction surface on the nuclear receptor SF-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15054-15059.	7.1	70
22	Diminished hypothalamic bdnf expression and impaired VMH function are associated with reduced SF-1 gene dosage. <i>Journal of Comparative Neurology</i> , 2006, 498, 637-648.	1.6	67
23	Orphan nuclear receptors adopted by crystallography. <i>Current Opinion in Structural Biology</i> , 2005, 15, 708-715.	5.7	66
24	Estrogen signaling in arcuate Kiss1 neurons suppresses a sex-dependent female circuit promoting dense strong bones. <i>Nature Communications</i> , 2019, 10, 163.	12.8	66
25	Genetic labeling of steroidogenic factor-1 (SF-1) neurons in mice reveals ventromedial nucleus of the hypothalamus (VMH) circuitry beginning at neurogenesis and development of a separate non-SF-1 neuronal cluster in the ventrolateral VMH. <i>Journal of Comparative Neurology</i> , 2013, 521, 1268-1288.	1.6	65
26	Oestrogen engages brain MC4R signalling to drive physical activity in female mice. <i>Nature</i> , 2021, 599, 131-135.	27.8	59
27	LRH-1 mitigates intestinal inflammatory disease by maintaining epithelial homeostasis and cell survival. <i>Nature Communications</i> , 2018, 9, 4055.	12.8	58
28	Regulation of <i>C. elegans</i> Fat Uptake and Storage by Acyl-CoA Synthase-3 Is Dependent on NR5A Family Nuclear Hormone Receptor nhr-25. <i>Cell Metabolism</i> , 2010, 12, 398-410.	16.2	57
29	Structure of Liver Receptor Homolog-1 (NR5A2) with PIP3 hormone bound in the ligand binding pocket. <i>Journal of Structural Biology</i> , 2015, 192, 342-348.	2.8	44
30	LRH-1 regulates hepatic lipid homeostasis and maintains arachidonoyl phospholipid pools critical for phospholipid diversity. <i>JCI Insight</i> , 2018, 3, .	5.0	42
31	Sex-dependent changes in metabolism and behavior, as well as reduced anxiety after eliminating ventromedial hypothalamus excitatory output. <i>Molecular Metabolism</i> , 2015, 4, 857-866.	6.5	37
32	A gene-expression screen identifies a non-toxic sumoylation inhibitor that mimics SUMO-less human LRH-1 in liver. <i>ELife</i> , 2015, 4, .	6.0	35
33	Origins and Functions of the Ventrolateral VMH: A Complex Neuronal Cluster Orchestrating Sex Differences in Metabolism and Behavior. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1043, 199-213.	1.6	29
34	Regulation of the Orphan Nuclear Receptor Steroidogenic Factor 1 by Sox Proteins. <i>Molecular Endocrinology</i> , 2002, 16, 529-540.	3.7	25
35	Timing of adrenal regression controlled by synergistic interaction between Sf1 SUMOylation and Dax1. <i>Development (Cambridge)</i> , 2017, 144, 3798-3807.	2.5	18
36	Gene Dosage Effects of Steroidogenic Factor 1 (SF-1) in Adrenal Development and the Stress. <i>Endocrine Research</i> , 2000, 26, 515-516.	1.2	16

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37	Disulfide-Trapping Identifies a New, Effective Chemical Probe for Activating the Nuclear Receptor Human LHR-1 (NR5A2). PLoS ONE, 2016, 11, e0159316.	2.5	12
38	PROPERTIES OF ACID ?-d-GALACTOSIDASE ISOLATED FROM I-CELL DISEASE BRAIN AND SPLEEN. Journal of Neurochemistry, 1979, 32, 1479-1485.	3.9	7
39	Running the Female Power Grid Across Lifespan Through Brain Estrogen Signaling. Annual Review of Physiology, 2022, 84, 59-85.	13.1	5
40	Should We Make More Bone or Not, As Told by Kisspeptin Neurons in the Arcuate Nucleus. Seminars in Reproductive Medicine, 2019, 37, 147-150.	1.1	2
41	The Signaling Phospholipid PIP 3 Functions As a Ligand Hormone For Nuclear Receptors. FASEB Journal, 2015, 29, 493.3.	0.5	0