

Jian Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,335
citations

218677

26
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330143

37
g-index

40
all docs

40
docs citations

40
times ranked

2954
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Rapid Signaling of Estrogen in Hypothalamic Neurons Involves a Novel G-Protein-Coupled Estrogen Receptor that Activates Protein Kinase C. <i>Journal of Neuroscience</i> , 2003, 23, 9529-9540. | 3.6 | 411 |
| 2 | Hypothalamic Proopiomelanocortin Neurons Are Glucose Responsive and Express KATPChannels. <i>Endocrinology</i> , 2003, 144, 1331-1340. | 2.8 | 324 |
| 3 | Agouti-related peptide neural circuits mediate adaptive behaviors in the starved state. <i>Nature Neuroscience</i> , 2016, 19, 734-741. | 14.8 | 223 |
| 4 | A G-Protein-Coupled Estrogen Receptor Is Involved in Hypothalamic Control of Energy Homeostasis. <i>Journal of Neuroscience</i> , 2006, 26, 5649-5655. | 3.6 | 202 |
| 5 | Insulin Excites Anorexigenic Proopiomelanocortin Neurons via Activation of Canonical Transient Receptor Potential Channels. <i>Cell Metabolism</i> , 2014, 19, 682-693. | 16.2 | 179 |
| 6 | Leptin Excites Proopiomelanocortin Neurons via Activation of TRPC Channels. <i>Journal of Neuroscience</i> , 2010, 30, 1560-1565. | 3.6 | 176 |
| 7 | AgRP to Kiss1 neuron signaling links nutritional state and fertility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2413-2418. | 7.1 | 168 |
| 8 | High-frequency stimulation-induced peptide release synchronizes arcuate kisspeptin neurons and excites GnRH neurons. <i>ELife</i> , 2016, 5, . | 6.0 | 159 |
| 9 | Guinea Pig Kisspeptin Neurons Are Depolarized by Leptin via Activation of TRPC Channels. <i>Endocrinology</i> , 2011, 152, 1503-1514. | 2.8 | 130 |
| 10 | Molecular Properties of Kiss1 Neurons in the Arcuate Nucleus of the Mouse. <i>Endocrinology</i> , 2011, 152, 4298-4309. | 2.8 | 113 |
| 11 | Rapid effects of estrogen on G protein-coupled receptor activation of potassium channels in the central nervous system (CNS). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 83, 187-193. | 2.5 | 106 |
| 12 | Estrogen Modulation of G-Protein-Coupled Receptor Activation of Potassium Channels in the Central Nervous System. <i>Annals of the New York Academy of Sciences</i> , 2003, 1007, 6-9. | 3.8 | 104 |
| 13 | Modulation of hypothalamic neuronal activity through a novel G-protein-coupled estrogen membrane receptor. <i>Steroids</i> , 2008, 73, 985-991. | 1.8 | 103 |
| 14 | Optogenetic Stimulation of Arcuate Nucleus Kiss1 Neurons Reveals a Steroid-Dependent Glutamatergic Input to POMC and AgRP Neurons in Male Mice. <i>Molecular Endocrinology</i> , 2016, 30, 630-644. | 3.7 | 89 |
| 15 | Serotonin 5-Hydroxytryptamine _{2C} Receptor Signaling in Hypothalamic Proopiomelanocortin Neurons: Role in Energy Homeostasis in Females. <i>Molecular Pharmacology</i> , 2007, 72, 885-896. | 2.3 | 75 |
| 16 | Estrogen Upregulates T-Type Calcium Channels in the Hypothalamus and Pituitary. <i>Journal of Neuroscience</i> , 2006, 26, 11072-11082. | 3.6 | 70 |
| 17 | Fasting and 17 β -Estradiol Differentially Modulate the M-Current in Neuropeptide Y Neurons. <i>Journal of Neuroscience</i> , 2011, 31, 11825-11835. | 3.6 | 70 |
| 18 | Estrogenic-dependent glutamatergic neurotransmission from kisspeptin neurons governs feeding circuits in females. <i>ELife</i> , 2018, 7, . | 6.0 | 69 |

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|----|---|------|-----------|
| 19 | Molecular mechanisms that drive estradiol-dependent burst firing of Kiss1 neurons in the rostral periventricular preoptic area. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1384-E1397. | 3.5 | 57 |
| 20 | Rapid activation of JNK and p38 by glucocorticoids in primary cultured hippocampal cells. <i>Journal of Neuroscience Research</i> , 2005, 80, 510-517. | 2.9 | 53 |
| 21 | Estradiol Protects Proopiomelanocortin Neurons Against Insulin Resistance. <i>Endocrinology</i> , 2018, 159, 647-664. | 2.8 | 52 |
| 22 | Insulin and leptin excite anorexigenic proopiomelanocortin neurones via activation of TRPC5 channels. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12501. | 2.6 | 45 |
| 23 | Estrogen Signaling in the Hypothalamus. <i>Vitamins and Hormones</i> , 2005, 71, 123-145. | 1.7 | 44 |
| 24 | 17 β -Estradiol Increases Persistent Na ⁺ Current and Excitability of AVPV/PeN Kiss1 Neurons in Female Mice. <i>Molecular Endocrinology</i> , 2015, 29, 518-527. | 3.7 | 44 |
| 25 | Nongenomic mechanism of glucocorticoid inhibition of bradykinin-induced calcium influx in PC12 cells: possible involvement of protein kinase C. <i>Life Sciences</i> , 2003, 72, 2533-2542. | 4.3 | 35 |
| 26 | Synthesis and Biological Evaluation of SERMs with Potent Nongenomic Estrogenic Activity. <i>ChemMedChem</i> , 2006, 1, 565-571. | 3.2 | 34 |
| 27 | Estrogen signaling in hypothalamic circuits controlling reproduction. <i>Brain Research</i> , 2010, 1364, 44-52. | 2.2 | 28 |
| 28 | Pacemaking kisspeptin neurons. <i>Experimental Physiology</i> , 2013, 98, 1535-1543. | 2.0 | 22 |
| 29 | Arcuate Kisspeptin Neurons Coordinate Reproductive Activities with Metabolism. <i>Seminars in Reproductive Medicine</i> , 2019, 37, 131-140. | 1.1 | 22 |
| 30 | A rapid, nongenomic action of glucocorticoids in rat B103 neuroblastoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1591, 21-27. | 4.1 | 20 |
| 31 | Photorelease of 2-Arachidonoylglycerol in Live Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 16544-16547. | 13.7 | 19 |
| 32 | Estradiol Protects Neuropeptide Y/Agouti-Related Peptide Neurons against Insulin Resistance in Females. <i>Neuroendocrinology</i> , 2020, 110, 105-118. | 2.5 | 18 |
| 33 | TRPCing around the hypothalamus. <i>Frontiers in Neuroendocrinology</i> , 2018, 51, 116-124. | 5.2 | 16 |
| 34 | Arcuate and Preoptic Kisspeptin Neurons Exhibit Differential Projections to Hypothalamic Nuclei and Exert Opposite Postsynaptic Effects on Hypothalamic Paraventricular and Dorsomedial Nuclei in the Female Mouse. <i>ENeuro</i> , 2021, 8, ENEURO.0093-21.2021. | 1.9 | 16 |
| 35 | Tibolone Rapidly Attenuates the GABA _B Response in Hypothalamic Neurones. <i>Journal of Neuroendocrinology</i> , 2008, 20, 1310-1318. | 2.6 | 13 |
| 36 | Hypothalamic Kisspeptin Neurons and the Control of Homeostasis. <i>Endocrinology</i> , 2022, 163, . | 2.8 | 12 |

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|----|--|-----|-----------|
| 37 | Deletion of <i>Stim1</i> in Hypothalamic Arcuate Nucleus Kiss1 Neurons Potentiates Synchronous GCaMP Activity and Protects against Diet-Induced Obesity. <i>Journal of Neuroscience</i> , 2021, 41, 9688-9701. | 3.6 | 10 |