

Soojin Ryu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5773989/publications.pdf>

Version: 2024-02-01

44
papers

2,951
citations

257357

24
h-index

265120

42
g-index

49
all docs

49
docs citations

49
times ranked

3084
citing authors

#	ARTICLE	IF	CITATIONS
1	The transcriptional cofactor complex CRSP is required for activity of the enhancer-binding protein Sp1. <i>Nature</i> , 1999, 397, 446-450.	13.7	322
2	Comprehensive catecholaminergic projectome analysis reveals single-neuron integration of zebrafish ascending and descending dopaminergic systems. <i>Nature Communications</i> , 2011, 2, 171.	5.8	267
3	Dopamine transporter expression distinguishes dopaminergic neurons from other catecholaminergic neurons in the developing zebrafish embryo. <i>Mechanisms of Development</i> , 2001, 101, 237-243.	1.7	252
4	Orthopedia Homeodomain Protein Is Essential for Diencephalic Dopaminergic Neuron Development. <i>Current Biology</i> , 2007, 17, 873-880.	1.8	192
5	Engineering of a red-light-activated human cAMP/cGMP-specific phosphodiesterase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8803-8808.	3.3	163
6	Severe mental retardation with breathing abnormalities (Pitt-Hopkins syndrome) is caused by haploinsufficiency of the neuronal bHLH transcription factor TCF4. <i>Human Molecular Genetics</i> , 2007, 16, 1488-1494.	1.4	137
7	Molecular neuroanatomy and chemoarchitecture of the neurosecretory preoptic-hypothalamic area in zebrafish larvae. <i>Journal of Comparative Neurology</i> , 2014, 522, 1542-1564.	0.9	136
8	Classification of Object Size in Retinotectal Microcircuits. <i>Current Biology</i> , 2014, 24, 2376-2385.	1.8	129
9	Genetic dissection of dopaminergic and noradrenergic contributions to catecholaminergic tracts in early larval zebrafish. <i>Journal of Comparative Neurology</i> , 2010, 518, 439-458.	0.9	108
10	An Optimized Whole-Body Cortisol Quantification Method for Assessing Stress Levels in Larval Zebrafish. <i>PLoS ONE</i> , 2013, 8, e79406.	1.1	108
11	Layer-Specific Targeting of Direction-Selective Neurons in the Zebrafish Optic Tectum. <i>Neuron</i> , 2012, 76, 1147-1160.	3.8	98
12	Expression and function of nr4a2, lmx1b, and pitx3 in zebrafish dopaminergic and noradrenergic neuronal development. <i>BMC Developmental Biology</i> , 2007, 7, 135.	2.1	89
13	Depletion of minichromosome maintenance protein 5 in the zebrafish retina causes cell-cycle defect and apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18467-18472.	3.3	85
14	her5 expression reveals a pool of neural stem cells in the adult zebrafish midbrain. <i>Development (Cambridge)</i> , 2006, 133, 4293-4303.	1.2	85
15	Zebrafish diencephalic A11-related dopaminergic neurons share a conserved transcriptional network with neuroendocrine cell lineages. <i>Development (Cambridge)</i> , 2009, 136, 1007-1017.	1.2	77
16	Habenula Circuit Development: Past, Present, and Future. <i>Frontiers in Neuroscience</i> , 2012, 6, 51.	1.4	56
17	Identification of accessory olfactory system and medial amygdala in the zebrafish. <i>Scientific Reports</i> , 2017, 7, 44295.	1.6	53
18	Optogenetic elevation of endogenous glucocorticoid level in larval zebrafish. <i>Frontiers in Neural Circuits</i> , 2013, 7, 82.	1.4	51

#	ARTICLE	IF	CITATIONS
19	Coexpression analysis of nine neuropeptides in the neurosecretory preoptic area of larval zebrafish. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 2.	0.9	49
20	Specification of posterior hypothalamic neurons requires coordinated activities of Fezf2, Otp, Sim1a and Foxb1.2. <i>Development (Cambridge)</i> , 2013, 140, 1762-1773.	1.2	41
21	The neuropeptide Pth2 dynamically senses others via mechanosensation. <i>Nature</i> , 2020, 588, 653-657.	13.7	39
22	The behavior of larval zebrafish reveals stressor-mediated anorexia during early vertebrate development. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 367.	1.0	38
23	Optogenetically enhanced pituitary corticotroph cell activity post-stress onset causes rapid organizing effects on behaviour. <i>Nature Communications</i> , 2016, 7, 12620.	5.8	34
24	The Severity of Acute Stress Is Represented by Increased Synchronous Activity and Recruitment of Hypothalamic CRH Neurons. <i>Journal of Neuroscience</i> , 2016, 36, 3350-3362.	1.7	33
25	Minichromosome Maintenance Proteins as Markers for Proliferation Zones During Embryogenesis. <i>Cell Cycle</i> , 2006, 5, 1140-1142.	1.3	28
26	Single-Cell Reconstruction of Oxytocinergic Neurons Reveals Separate Hypophysiotropic and Enkephalotropic Subtypes in Larval Zebrafish. <i>ENeuro</i> , 2017, 4, ENEURO.0278-16.2016.	0.9	27
27	Anatomy, development, and plasticity of the neurosecretory hypothalamus in zebrafish. <i>Cell and Tissue Research</i> , 2019, 375, 5-22.	1.5	26
28	Targeting retinal dopaminergic neurons in tyrosine hydroxylase-driven green fluorescent protein transgenic zebrafish. <i>Molecular Vision</i> , 2008, 14, 2475-83.	1.1	23
29	Manipulation of Interrenal Cell Function in Developing Zebrafish Using Genetically Targeted Ablation and an Optogenetic Tool. <i>Endocrinology</i> , 2015, 156, 3394-3401.	1.4	22
30	The Effects of Early Life Stress on the Brain and Behaviour: Insights From Zebrafish Models. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 657591.	1.8	22
31	Bistable Photoswitch Allows in Vivo Control of Hematopoiesis. <i>ACS Central Science</i> , 2022, 8, 57-66.	5.3	18
32	Positive taxis and sustained responsiveness to water motions in larval zebrafish. <i>Frontiers in Neural Circuits</i> , 2015, 9, 9.	1.4	17
33	iDamIDseq and iDEAR: An improved method and computational pipeline to profile chromatin-binding proteins. <i>Development (Cambridge)</i> , 2016, 143, 4272-4278.	1.2	16
34	Performance on innate behaviour during early development as a function of stress level. <i>Scientific Reports</i> , 2017, 7, 7840.	1.6	15
35	Differential Roles of Transcriptional Mediator Complex Subunits Crsp34/Med27, Crsp150/Med14 and Trap100/Med24 During Zebrafish Retinal Development. <i>Genetics</i> , 2006, 174, 693-705.	1.2	14
36	A vertebrate-conserved cis-regulatory module for targeted expression in the main hypothalamic regulatory region for the stress response. <i>BMC Developmental Biology</i> , 2014, 14, 41.	2.1	14

#	ARTICLE	IF	CITATIONS
37	Active behaviour during early development shapes glucocorticoid reactivity. <i>Scientific Reports</i> , 2019, 9, 12796.	1.6	14
38	Early Commissural Diencephalic Neurons Control Habenular Axon Extension and Targeting. <i>Current Biology</i> , 2017, 27, 270-278.	1.8	13
39	Oxytocin receptors influence the development and maintenance of social behavior in zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314 rgBT /Over	1.6	13
40	The neuropeptide Pth2 modulates social behavior and anxiety in zebrafish. <i>IScience</i> , 2022, 25, 103868.	1.9	11
41	Larval Zebrafish Proteome Regulation in Response to an Environmental Challenge. <i>Proteomics</i> , 2019, 19, 1900028.	1.3	5
42	A versatile transcription factor: Multiple roles of <i>orthopedia a</i> (<i>otpa</i>) beyond its restricted localization in dopaminergic systems of developing and adult zebrafish (<i>Danio rerio</i>) brains. <i>Journal of Comparative Neurology</i> , 2022, 530, 2537-2561.	0.9	3
43	Orthopedia Homeodomain Protein Is Essential for Diencephalic Dopaminergic Neuron Development. <i>Current Biology</i> , 2008, 18, 310.	1.8	0
44	Optogenetic Interpellation of Behavior Employing Unrestrained Zebrafish Larvae. <i>Neuromethods</i> , 2018, , 117-131.	0.2	0