

# Hiroataka Ishii

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8159878/publications.pdf>

Version: 2024-02-01

49  
papers

2,252  
citations

361045  
20  
h-index

243296  
44  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Novel C-Terminally Truncated Estrogen Receptor $\hat{I}^2$ Variant Transcripts and Their Distribution in Humans. <i>Journal of Nippon Medical School</i> , 2021, 88, 54-62.	0.3	3
2	Optimization of immunohistochemical detection of rat ESR2 proteins with well-validated monoclonal antibody PPZ0506. <i>Molecular and Cellular Endocrinology</i> , 2021, 523, 111145.	1.6	10
3	Optimized Immunohistochemical Detection of Rat ESR2 Proteins Using the Specific Anti-ESR2 Monoclonal Antibody PPZ0506. <i>Journal of the Endocrine Society</i> , 2021, 5, A813-A813.	0.1	0
4	Identification of a novel C-terminally truncated estrogen receptor $\hat{I}^{\pm}$ variant (ER $\hat{I}^{\pm}$ 34) with constitutive transactivation and estrogen receptor antagonist resistance. <i>Molecular and Cellular Endocrinology</i> , 2020, 503, 110693.	1.6	4
5	Accurate assessment of estrogen receptor profiles in non-functioning pituitary adenomas using RT-digital PCR and immunohistochemistry. <i>Life Sciences</i> , 2020, 260, 118416.	2.0	3
6	Quantitative expression data of human estrogen receptor $\hat{I}^{\pm}$ variants in non-functioning pituitary adenomas obtained by reverse transcription-digital polymerase chain reaction analysis. <i>Data in Brief</i> , 2020, 33, 106452.	0.5	0
7	GnRH(1-5), a metabolite of gonadotropin-releasing hormone, enhances luteinizing hormone release via activation of kisspeptin neurons in female rats. <i>Endocrine Journal</i> , 2020, 67, 409-418.	0.7	16
8	Applicability of Anti-Human Estrogen Receptor $\hat{I}^2$ Antibody PPZ0506 for the Immunodetection of Rodent Estrogen Receptor $\hat{I}^2$ Proteins. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6312.	1.8	17
9	Stable Reference Gene Selection for Reverse Transcription-Quantitative PCR (RT-qPCR) Analyses in Orthopaedic Research. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2019, 15, 24-31.	0.0	0
10	Co-expression of the calcitonin receptor gene in the hypothalamic kisspeptin neurons in female rats. <i>Reproductive Medicine and Biology</i> , 2018, 17, 164-172.	1.0	16
11	Morphological Analysis of Trafficking and Processing of Anionic and Cationic Liposomes in Cultured Cells. <i>Acta Histochemica Et Cytochemica</i> , 2018, 51, 81-92.	0.8	10
12	Suitable reference gene selection for gene expression studies in knee osteoarthritis synovium using quantitative PCR analysis. <i>Connective Tissue Research</i> , 2018, 59, 356-368.	1.1	8
13	Genomic Organization of the 5'-untranslated Regions of Estrogen Receptor $\hat{I}^{\pm}$ Genes. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2018, 14, 157-164.	0.0	0
14	Characterization of rodent constitutively active estrogen receptor $\hat{I}^{\pm}$ variants and their constitutive transactivation mechanisms. <i>General and Comparative Endocrinology</i> , 2017, 248, 16-26.	0.8	9
15	Subunit profiling and functional characteristics of acetylcholine receptors in GT1-7 cells. <i>Journal of Physiological Sciences</i> , 2017, 67, 313-323.	0.9	10
16	Human C-terminally truncated ER $\hat{I}^{\pm}$ variants resulting from the use of alternative exons in the ligand-binding domain. <i>Molecular and Cellular Endocrinology</i> , 2016, 425, 111-122.	1.6	16
17	Establishment of an in vitro cell line experimental system for the study of inhalational anesthetic mechanisms. <i>Neuroscience Letters</i> , 2016, 620, 163-168.	1.0	4
18	Characterization of sevoflurane effects on Per2 expression using ex vivo bioluminescence imaging of the suprachiasmatic nucleus in transgenic rats. <i>Neuroscience Research</i> , 2016, 107, 30-37.	1.0	18

#	ARTICLE	IF	CITATIONS
19	Puerperal and parental experiences alter rat preferences for pup odors via changes in the oxytocin system. <i>Journal of Reproduction and Development</i> , 2016, 62, 17-27.	0.5	10
20	Characterization of the fundamental properties of the N-terminal truncation ( $\beta$ exon 1) variant of estrogen receptor $\beta$ in the rat. <i>Gene</i> , 2015, 571, 117-125.	1.0	17
21	Novel splicing events and post-transcriptional regulation of human estrogen receptor $\beta$ E isoforms. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 133, 120-128.	1.2	15
22	Somatostatin Inhibition of GnRH Neuronal Activity and the Morphological Relationship between GnRH and Somatostatin Neurons in Rats. <i>Endocrinology</i> , 2012, 153, 806-814.	1.4	16
23	Endogenous Synthesis of Corticosteroids in the Hippocampus. <i>PLoS ONE</i> , 2011, 6, e21631.	1.1	32
24	Identification of novel splicing events and post-transcriptional regulation of human estrogen receptor $\beta$ F isoforms. <i>Molecular and Cellular Endocrinology</i> , 2011, 333, 55-61.	1.6	24
25	Identification of C-terminally and N-terminally truncated estrogen receptor $\beta$ variants in the mouse. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 124, 38-46.	1.2	14
26	Complex organization of the 5' untranslated region of the mouse estrogen receptor $\beta$ gene: Identification of numerous mRNA transcripts with distinct 5' ends. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 125, 211-218.	1.2	18
27	Hippocampal Synthesis of Sex Steroids and Corticosteroids: Essential for Modulation of Synaptic Plasticity. <i>Frontiers in Endocrinology</i> , 2011, 2, 43.	1.5	65
28	Voltage-gated Ca <sup>2+</sup> channel mRNAs and T-type Ca <sup>2+</sup> currents in rat gonadotropin-releasing hormone neurons. <i>Journal of Physiological Sciences</i> , 2010, 60, 195-204.	0.9	12
29	Semicomprehensive Analysis of the Postnatal Age-Related Changes in the mRNA Expression of Sex Steroidogenic Enzymes and Sex Steroid Receptors in the Male Rat Hippocampus. <i>Endocrinology</i> , 2010, 151, 5795-5806.	1.4	42
30	Alternative promoter usage and alternative splicing of the rat estrogen receptor $\beta$ gene generate numerous mRNA variants with distinct 5' ends. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 118, 59-69.	1.2	30
31	Comparison between Hippocampus-Synthesized and Circulation-Derived Sex Steroids in the Hippocampus. <i>Endocrinology</i> , 2009, 150, 5106-5112.	1.4	141
32	Retinoic Acid Stimulates 17 $\beta$ -Estradiol and Testosterone Synthesis in Rat Hippocampal Slice Cultures. <i>Endocrinology</i> , 2009, 150, 4260-4269.	1.4	72
33	Gene structures, biochemical characterization and distribution of rat melatonin receptors. <i>Journal of Physiological Sciences</i> , 2009, 59, 37-47.	0.9	56
34	Ca <sup>2+</sup> Channels and Ca <sup>2+</sup> -Activated K <sup>+</sup> Channels in Adult Rat Gonadotrophin-Releasing Hormone Neurons. <i>Journal of Neuroendocrinology</i> , 2009, 21, 312-315.	1.2	9
35	Cetrorelix, a Gonadotropin-Releasing Hormone Antagonist, Induces the Expression of Melatonin Receptor 1a in the Gonadotropin-Releasing Hormone Neuronal Cell Line GT1 $\alpha$ . <i>Neuroendocrinology</i> , 2009, 90, 251-259.	1.2	7
36	Comparison of sex-steroid synthesis between neonatal and adult rat hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 62-66.	1.0	23

#	ARTICLE	IF	CITATIONS
37	Activation of A $\alpha$ -Type $\beta$ -Amino Butyric Acid Receptors Excites Gonadotrophin-Releasing Hormone Neurones Isolated from Adult Rats. <i>Journal of Neuroendocrinology</i> , 2008, 20, 566-575.	1.2	58
38	Estrogen synthesis in the brain—Role in synaptic plasticity and memory. <i>Molecular and Cellular Endocrinology</i> , 2008, 290, 31-43.	1.6	185
39	17 $\beta$ -Estradiol at Physiological Concentrations Augments Ca <sup>2+</sup> -Activated K <sup>+</sup> Currents via Estrogen Receptor $\beta$ in the Gonadotropin-Releasing Hormone Neuronal Cell Line GT1-7. <i>Endocrinology</i> , 2008, 149, 774-782.	1.4	42
40	Rat GnRH Neurons Exhibit Large Conductance Voltage- and Ca <sup>2+</sup> -Activated K <sup>+</sup> (BK) Currents and Express BK Channel mRNAs. <i>Journal of Physiological Sciences</i> , 2008, 58, 21-29.	0.9	18
41	Local Production of Estrogen and its Rapid Modulatory Action on Synaptic Plasticity. , 2008, , 143-169.		0
42	Local Production of Sex Hormones and Their Modulation of Hippocampal Synaptic Plasticity. <i>Neuroscientist</i> , 2007, 13, 323-334.	2.6	62
43	Rapid modulation of long-term depression and spinogenesis via synaptic estrogen receptors in hippocampal principal neurons. <i>Journal of Neurochemistry</i> , 2007, 100, 950-967.	2.1	180
44	Hippocampal synthesis of estrogens and androgens which are paracrine modulators of synaptic plasticity: <i>Synaptocrinology</i> . <i>Neuroscience</i> , 2006, 138, 757-764.	1.1	99
45	Enhancement of nitric oxide production by association of nitric oxide synthase with N-methyl-d-aspartate receptors via postsynaptic density 95 in genetically engineered Chinese hamster ovary cells: real-time fluorescence imaging using nitric oxide sensitive dye. <i>Journal of Neurochemistry</i> , 2006, 96, 1531-1539.	2.1	25
46	Local Neurosteroid Production in the Hippocampus: Influence on Synaptic Plasticity of Memory. <i>Neuroendocrinology</i> , 2006, 84, 255-263.	1.2	98
47	Role of Cytochrome P450 in <i>Synaptocrinology</i> : Endogenous Estrogen Synthesis in the Brain Hippocampus. <i>Drug Metabolism Reviews</i> , 2006, 38, 353-369.	1.5	35
48	Adult male rat hippocampus synthesizes estradiol from pregnenolone by cytochromes P450 $\beta$ and P450 aromatase localized in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 865-870.	3.3	584
49	Hippocampal cytochrome P450s synthesize brain neurosteroids which are paracrine neuromodulators of synaptic signal transduction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1619, 301-316.	1.1	119