Taisen Iguchi

List of Publications by Year in descending order

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229 papers	9,521 citations	38742 50 h-index	56724 83 g-index
236 all docs	236 docs citations	236 times ranked	8080 citing authors

#	Article	IF	Citations
1	Female reproductive disorders: the roles of endocrine-disrupting compounds and developmental timing. Fertility and Sterility, 2008, 90, 911-940.	1.0	379
2	Demasculinization and feminization of male gonads by atrazine: Consistent effects across vertebrate classes. Journal of Steroid Biochemistry and Molecular Biology, 2011, 127, 64-73.	2.5	271
3	Low dose effect of in utero exposure to bisphenol A and diethylstilbestrol on female mouse reproduction. Reproductive Toxicology, 2002, 16, 117-122.	2.9	270
4	Why Public Health Agencies Cannot Depend on Good Laboratory Practices as a Criterion for Selecting Data: The Case of Bisphenol A. Environmental Health Perspectives, 2009, 117, 309-315.	6.0	268
5	Environmental Sex Determination in the Branchiopod Crustacean Daphnia magna: Deep Conservation of a Doublesex Gene in the Sex-Determining Pathway. PLoS Genetics, 2011, 7, e1001345.	3.5	265
6	Oocyte apoptosis during the transition from ovary-like tissue to testes during sex differentiation of juvenile zebrafish. Journal of Experimental Biology, 2002, 205, 711-8.	1.7	253
7	Effect of UV screens and preservatives on vitellogenin and choriogenin production in male medaka (Oryzias latipes). Toxicology, 2003, 194, 43-50.	4.2	175
8	Juvenile hormone agonists affect the occurrence of male Daphnia. Chemosphere, 2003, 53, 827-833.	8.2	167
9	Developmental effects of perinatal exposure to bisphenol-A and diethylstilbestrol on reproductive organs in female mice. Reproductive Toxicology, 2002, 16, 107-116.	2.9	160
10	IDENTIFICATION OF ESTROGENIC COMPOUNDS IN WASTEWATER EFFLUENT. Environmental Toxicology and Chemistry, 2004, 23, 2807.	4.3	146
11	Polyovular Follicles in Mouse Ovaries Exposed Neonatally to Diethylstilbestrol in Vivo and in Vitro1. Biology of Reproduction, 1990, 43, 478-484.	2.7	138
12	Cellular Effects of Early Exposure to Sex Hormones and Antihormones. International Review of Cytology, 1992, 139, 1-57.	6.2	132
13	Sexual Reprogramming and Estrogenic Sensitization in Wild Fish Exposed to Ethinylestradiol. Environmental Science & Technology, 2009, 43, 1219-1225.	10.0	119
14	Genetic Interactions of the Androgen and Wnt/Î²-Catenin Pathways for the Masculinization of External Genitalia. Molecular Endocrinology, 2009, 23, 871-880.	3.7	109
15	Application of Ecotoxicogenomics for Studying Endocrine Disruption in Vertebrates and Invertebrates. Environmental Health Perspectives, 2006, 114, 101-105.	6.0	102
16	Effects of an androgenic growth promoter 17Î²-trenbolone on masculinization of Mosquitofish (Gambusia affinis affinis). General and Comparative Endocrinology, 2005, 143, 151-160.	1.8	100
17	A mutation in the receptor Methoprene-tolerant alters juvenile hormone response in insects and crustaceans. Nature Communications, 2013, 4, 1856.	12.8	100
18	Ecdysone Receptor Agonism Leading to Lethal Molting Disruption in Arthropods: Review and Adverse Outcome Pathway Development. Environmental Science & Technology, 2017, 51, 4142-4157.	10.0	99

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19	Methyl farnesoate synthesis is necessary for the environmental sex determination in the water flea Daphnia pulex. Journal of Insect Physiology, 2015, 80, 22-30.	2.0	96
20	Frequent occurrence of polyovular follicles in ovaries of mice exposed neonatally to diethylstibestrol. Teratology, 1986, 34, 29-35.	1.6	94
21	Linking Molecular and Population Stress Responses in Daphnia magna exposed to cadmium. Environmental Science & Technology, 2008, 42, 2181-2188.	10.0	94
22	Development of an RNA interference method in the cladoceran crustacean Daphnia magna. Development Genes and Evolution, 2011, 220, 337-345.	0.9	93
23	Dosage-dependent hedgehog signals integrated with Wnt/Î²-catenin signaling regulate external genitalia formation as an appendicular program. Development (Cambridge), 2009, 136, 3969-3978.	2.5	88
24	Comparative responsiveness to natural and synthetic estrogens of fish species commonly used in the laboratory and field monitoring. Aquatic Toxicology, 2012, 109, 250-258.	4.0	88
25	RNA-seq analysis of the gonadal transcriptome during Alligator mississippiensis temperature-dependent sex determination and differentiation. BMC Genomics, 2016, 17, 77.	2.8	86
26	Developmental Effects of Estrogenic Agents on Mice, Fish, and Frogs: A Mini-Review. Hormones and Behavior, 2001, 40, 248-251.	2.1	85
27	Effect of atrazine on metamorphosis and sexual differentiation in Xenopus laevis. Aquatic Toxicology, 2008, 87, 215-226.	4.0	79
28	Differing Species Responsiveness of Estrogenic Contaminants in Fish Is Conferred by the Ligand Binding Domain of the Estrogen Receptor. Environmental Science & Technology, 2014, 48, 5254-5263.	10.0	77
29	Altered Sexual Development in Roach (Rutilus rutilus) Exposed to Environmental Concentrations of the Pharmaceutical 17Î±-Ethinylestradiol and Associated Expression Dynamics of Aromatases and Estrogen Receptors. Toxicological Sciences, 2008, 106, 113-123.	3.1	76
30	Genome-wide analysis of changes in early gene expression induced by oestrogen. Genes To Cells, 2002, 7, 497-507.	1.2	75
31	Production of male neonates in Daphnia magna (Cladocera, Crustacea) exposed to juvenile hormones and their analogs. Chemosphere, 2005, 61, 1168-1174.	8.2	75
32	Implications of Persistent Exposure to Treated Wastewater Effluent for Breeding in Wild Roach (Rutilus rutilus) Populations. Environmental Science & Technology, 2011, 45, 1673-1679.	10.0	75
33	Changes in reproductive organs of female rats treated with bisphenol A during the neonatal period. Reproductive Toxicology, 2003, 17, 283-288.	2.9	73
34	Effects of 17Î²-estradiol, nonylphenol, and bisphenol-A on developing Xenopus laevis embryos. General and Comparative Endocrinology, 2004, 138, 228-236.	1.8	73
35	Differential expression of three estrogen receptor subtype mRNAs in gonads and liver from embryos to adults of the medaka, Oryzias latipes. Molecular and Cellular Endocrinology, 2011, 333, 47-54.	3.2	71
36	Molecular cloning of the estrogen and progesterone receptors of the American alligator. General and Comparative Endocrinology, 2004, 136, 122-133.	1.8	69

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37	Immunocytochemical Localization of Progesterone Receptor in the Reproductive Tract of Adult Female Rats. Biology of Reproduction, 1993, 48, 205-213.	2.7	68
38	Analysis of expressed sequence tags of the water flea Daphnia magna. Genome, 2005, 48, 606-609.	2.0	68
39	Polyovular follicles in the ovary of immature mice exposed prenatally to diethylstilbestrol. Anatomy and Embryology, 1986, 175, 53-55.	1.5	67
40	The Role of Sonic Hedgehog-Gli2 Pathway in the Masculinization of External Genitalia. Endocrinology, 2011, 152, 2894-2903.	2.8	66
41	TRPV4 associates environmental temperature and sex determination in the American alligator. Scientific Reports, 2016, 5, 18581.	3.3	66
42	DEVELOPMENT OF A DAPHNIA MAGNA DNA MICROARRAY FOR EVALUATING THE TOXICITY OF ENVIRONMENTAL CHEMICALS. Environmental Toxicology and Chemistry, 2007, 26, 669.	4.3	64
43	Production of male neonates in four cladoceran species exposed to a juvenile hormone analog, fenoxycarb. Chemosphere, 2005, 60, 74-78.	8.2	63
44	Chromatin immunoprecipitation-mediated target identification proved aquaporin 5 is regulated directly by estrogen in the uterus. Genes To Cells, 2006, 11, 1133-1143.	1.2	61
45	Comparison of JH signaling in insects and crustaceans. Current Opinion in Insect Science, 2014, 1, 81-87.	4.4	57
46	Manufacturing doubt about endocrine disrupter science â€“ A rebuttal of industry-sponsored critical comments on the UNEP/WHO report â€œState of the Science of Endocrine Disrupting Chemicals 2012â€• Regulatory Toxicology and Pharmacology, 2015, 73, 1007-1017.	2.7	57
47	Effects of bisphenol A given neonatally on reproductive functions of male rats. Reproductive Toxicology, 2006, 22, 20-29.	2.9	56
48	Functional Associations between Two Estrogen Receptors, Environmental Estrogens, and Sexual Disruption in the Roach (Rutilus rutilus). Environmental Science & Technology, 2007, 41, 3368-3374.	10.0	54
49	Molecular cloning of doublesex genes of four cladocera (water flea) species. BMC Genomics, 2013, 14, 239.	2.8	53
50	Understanding the Molecular Basis for Differences in Responses of Fish Estrogen Receptor Subtypes to Environmental Estrogens. Environmental Science & Technology, 2015, 49, 7439-7447.	10.0	53
51	Toxicogenomics and ecotoxicogenomics for studying endocrine disruption and basic biology. General and Comparative Endocrinology, 2007, 153, 25-29.	1.8	52
52	Effects of estrogenic hormones on early development ofXenopus laevis. , 1997, 278, 221-233.		51
53	Gene expression profiles in the testis associated with testisâ€“ova in adult Japanese medaka (Oryzias) Tj ETQq1 1 0.784314 rgBT /Ov	8.2	51
54	Estrogen Receptor 1 (ESR1; ERÎ±), not ESR2 (ERÎ²), Modulates Estrogen-Induced Sex Reversal in the American Alligator, a Species With Temperature-Dependent Sex Determination. Endocrinology, 2015, 156, 1887-1899.	2.8	51

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55	Estrogen-Dependent Transactivation of Amphioxus Steroid Hormone Receptor via Both Estrogen and Androgen Response Elements. Endocrinology, 2010, 151, 639-648.	2.8	50
56	Molecular mechanisms and tissue targets of brominated flame retardants, BDE-47 and TBBPA, in embryo-larval life stages of zebrafish (Danio rerio). Aquatic Toxicology, 2019, 209, 99-112.	4.0	50
57	Activation of Steroid and Xenobiotic Receptor (SXR, NR1I2) and Its Orthologs in Laboratory, Toxicologic, and Genome Model Species. Environmental Health Perspectives, 2008, 116, 880-885.	6.0	49
58	Co-occurrence of Estrogenic and Antiestrogenic Activities in Wastewater: Quantitative Evaluation of Balance by in Vitro ERÎ± Reporter Gene Assay and Chemical Analysis. Environmental Science & Technology, 2014, 48, 6366-6373.	10.0	49
59	Epithelial estrogen receptor 1 intrinsically mediates squamous differentiation in the mouse vagina. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12986-12991.	7.1	49
60	Genetic differences in the production of male neonates in Daphnia magna exposed to juvenile hormone analogs. Chemosphere, 2006, 63, 1477-1484.	8.2	48
61	Functional distinctions associated with the diversity of sex steroid hormone receptors ESR and AR. Journal of Steroid Biochemistry and Molecular Biology, 2018, 184, 38-46.	2.5	48
62	Environmental Health Impacts of Equine Estrogens Derived from Hormone Replacement Therapy. Environmental Science & Technology, 2009, 43, 3897-3904.	10.0	46
63	Dmy initiates masculinity by altering Gsdf/Sox9a2/Rspo1 expression in medaka (Oryzias latipes). Scientific Reports, 2016, 6, 19480.	3.3	46
64	Ecdysteroid and juvenile hormone biosynthesis, receptors and their signaling in the freshwater microcrustacean Daphnia. Journal of Steroid Biochemistry and Molecular Biology, 2018, 184, 62-68.	2.5	46
65	Estrogen-independent activation of erbBs signaling and estrogen receptor Î± in the mouse vagina exposed neonatally to diethylstilbestrol. Oncogene, 2004, 23, 340-349.	5.9	45
66	Molecular Cloning, Characterization, and Evolutionary Analysis of Estrogen Receptors from Phylogenetically Ancient Fish. Endocrinology, 2008, 149, 6300-6310.	2.8	44
67	Styrene dimers and trimers affect reproduction of daphnid (Ceriodaphnia dubia). Chemosphere, 2002, 48, 597-601.	8.2	43
68	Estrogen receptor subtypes selectively mediate female mouse reproductive abnormalities induced by neonatal exposure to estrogenic chemicals. Toxicology, 2008, 253, 117-124.	4.2	43
69	SEX STEROID HORMONE RECEPTORS IN THE DEVELOPING FEMALE REPRODUCTIVE TRACT OF LABORATORY RODENTS. Journal of Toxicological Sciences, 2005, 30, 75-89.	1.5	42
70	NMDA receptor activation upstream of methyl farnesoate signaling for short day-induced male offspring production in the water flea, Daphnia pulex. BMC Genomics, 2015, 16, 186.	2.8	42
71	Estrogen receptor (ER) and its messenger ribonucleic acid expression in the genital tract of female mice exposed neonatally to tamoxifen and diethylstilbestrol. , 1996, 244, 374-385.		41
72	Neverlandregulates embryonic moltings through the regulation of ecdysteroid synthesis in the water fleaDaphnia magna, and may thus act as a target for chemical disruption of molting. Journal of Applied Toxicology, 2016, 36, 1476-1485.	2.8	41

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73	Neofunctionalization of Androgen Receptor by Gain-of-Function Mutations in Teleost Fish Lineage. Molecular Biology and Evolution, 2016, 33, 228-244.	8.9	41
74	Transcriptome profiling in crustaceans as a tool for ecotoxicogenomics. Cell Biology and Toxicology, 2008, 24, 641-647.	5.3	40
75	Molecular Cloning and Characterization of Estrogen, Androgen, and Progesterone Nuclear Receptors from a Freshwater Turtle (Pseudemys nelsoni). Endocrinology, 2008, 149, 161-173.	2.8	39
76	Estrogen receptors in medaka (Oryzias latipes) and estrogenic environmental contaminants: An in vitroâ€“in vivo correlation. Journal of Steroid Biochemistry and Molecular Biology, 2011, 123, 115-121.	2.5	39
77	Evaluation of Estrogenic Activity of Wastewater: Comparison Among In Vitro ERÎ± Reporter Gene Assay, In Vivo Vitellogenin Induction, and Chemical Analysis. Environmental Science & Technology, 2015, 49, 6319-6326.	10.0	39
78	Effects of Sex Hormones on Oncogene Expression in the Vagina and on Development of Sexual Dimorphism of the Pelvis and Anococcygeus Muscle in the Mouse. Environmental Health Perspectives, 1995, 103, 79.	6.0	38
79	Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances. Integrated Environmental Assessment and Management, 2017, 13, 267-279.	2.9	38
80	Genomic expression responses toward bisphenol-A toxicity in Daphnia magna in terms of reproductive activity. Molecular and Cellular Toxicology, 2013, 9, 149-158.	1.7	37
81	Strain difference in sensitivity to 3,4-dichloroaniline and insect growth regulator, fenoxycarb, in Daphnia magna. Ecotoxicology and Environmental Safety, 2007, 67, 399-405.	6.0	36
82	Commonality in Signaling of Endocrine Disruption from Snail to Human. BioScience, 2008, 58, 1061-1067.	4.9	36
83	Effects of 17Î²-trenbolone on Eastern and Western mosquitofish (Gambusia holbrooki and G. affinis) anal fin growth and gene expression patterns. Aquatic Toxicology, 2013, 128-129, 163-170.	4.0	36
84	Metabolomics reveals an involvement of pantothenate for male production responding to the short-day stimulus in the water flea, Daphnia pulex. Scientific Reports, 2016, 6, 25125.	3.3	36
85	Effects of sex steroids on the development of sexual dimorphism in mouse innominate bone. The Anatomical Record, 1992, 234, 541-548.	1.8	35
86	In vitro assessment of transcriptional activation of the estrogen and androgen receptors of mosquitofish, Gambusia affinis affinis. Molecular and Cellular Endocrinology, 2007, 276, 10-17.	3.2	35
87	Morphological changes in Daphnia galeata induced by a crustacean terpenoid hormone and its analog. Environmental Toxicology and Chemistry, 2011, 30, 232-238.	4.3	35
88	Molecular impact of juvenile hormone agonists on neonatal Daphnia magna. Journal of Applied Toxicology, 2014, 34, 537-544.	2.8	35
89	Nortestosterone-derived synthetic progestogens do not activate the progestogen receptor of Murrayâ€“Darling rainbowfish (Melanotaenia fluviatilis) but are potent agonists of androgen receptors alpha and beta. Aquatic Toxicology, 2015, 163, 97-101.	4.0	35
90	Whole-Organism Transcriptomic Analysis Provides Mechanistic Insight into the Acute Toxicity of Emamectin Benzoate in Daphnia magna. Environmental Science & Technology, 2016, 50, 11994-12003.	10.0	35

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91	Bmp7 and Lef1 Are the Downstream Effectors of Androgen Signaling in Androgen-Induced Sex Characteristics Development in Medaka. Endocrinology, 2014, 155, 449-462.	2.8	34
92	Di-n-butyl phthalate causes estrogenic effects in adult male Murray rainbowfish (Melanotaenia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	4.0	34
93	Role of Notch signaling in granulosa cell proliferation and polyovular follicle induction during folliculogenesis in mouse ovary. Cell and Tissue Research, 2016, 365, 197-208.	2.9	34
94	Bisphenol-A Administration during Pregnancy Results in Fetal Exposure in Mice and Monkeys.. Journal of Health Science, 2002, 48, 579-582.	0.9	33
95	Characterization of diethylstilbestrol-induced hypospadias in female mice. The Anatomical Record, 2002, 266, 43-50.	1.8	32
96	Molecular cloning of estrogen receptor alpha (ERÎ±; ESR1) of the Japanese giant salamander, Andrias japonicus. Molecular and Cellular Endocrinology, 2006, 257-258, 84-94.	3.2	32
97	Diofenolan induces male offspring production through binding to the juvenile hormone receptor in Daphnia magna. Aquatic Toxicology, 2015, 159, 44-51.	4.0	32
98	Establishment of estrogen receptor 1 (ESR1)â€knockout medaka: <scp>ESR</scp>1 is dispensable for sexual development and reproduction in medaka, Oryzias latipes. Development Growth and Differentiation, 2017, 59, 552-561.	1.5	32
99	Rapid Fluorescent Detection of (Anti)androgens with spiggin-gfp Medaka. Environmental Science & Technology, 2014, 48, 10919-10928.	10.0	31
100	ERGO: Breaking Down the Wall between Human Health and Environmental Testing of Endocrine Disrupters. International Journal of Molecular Sciences, 2020, 21, 2954.	4.1	31
101	Endocrine disruptor issues in Japan. Congenital Anomalies (discontinued), 2002, 42, 106-119.	0.6	30
102	Molecular Cloning, Characterization, and Chromosome Mapping of Reptilian Estrogen Receptors. Endocrinology, 2010, 151, 5710-5720.	2.8	30
103	Growth of mouse vaginal epithelial cells in culture: Functional integrity of the estrogen receptor system and failure of estrogen to induce proliferation. Cancer Letters, 1987, 35, 227-235.	7.2	29
104	The Effects of an Aromatase Inhibitor and a 5Î±-Reductase Inhibitor upon the Occurrence of Polyovular Follicles, Persistent Anovulation, and Permanent Vaginal Stratification in Mice Treated Neonatally with Testosterone1. Biology of Reproduction, 1988, 39, 689-697.	2.7	29
105	Effect of Exposure to High Isoflavone-Containing Diets on Prenatal and Postnatal Offspring Mice. Bioscience, Biotechnology and Biochemistry, 2006, 70, 2874-2882.	1.3	29
106	Molecular cloning and characterization of ligand- and species-specificity of amphibian estrogen receptors. General and Comparative Endocrinology, 2010, 168, 220-230.	1.8	29
107	Development of a microinjection system for RNA interference in the water flea Daphnia pulex. BMC Biotechnology, 2013, 13, 96.	3.3	29
108	Comparative luciferase assay for establishing reliable in vitro screening system of juvenile hormone agonists. Journal of Applied Toxicology, 2017, 37, 1082-1090.	2.8	29

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109	Endocrine Disruption and Developmental Abnormalities of Female Reproduction1. American Zoologist, 2000, 40, 402-411.	0.7	28
110	Developmental toxicity of estrogenic chemicals on rodents and other species. Congenital Anomalies (discontinued), 2002, 42, 94-105.	0.6	28
111	Cloning and characterization of estrogen receptor Î± in mummichog, Fundulus heteroclitus. Molecular and Cellular Endocrinology, 2003, 203, 41-50.	3.2	28
112	Sex Determination and Differentiation in Decapod and Cladoceran Crustaceans: An Overview of Endocrine Regulation. Genes, 2021, 12, 305.	2.4	28
113	Contaminant-induced endocrine and reproductive alterations in reptiles. Pure and Applied Chemistry, 2003, 75, 2275-2286.	1.9	27
114	Estrogen alters gonadal soma-derived factor (Gsdf)/Foxl2 expression levels in the testes associated with testis-ova differentiation in adult medaka, Oryzias latipes. Aquatic Toxicology, 2017, 191, 209-218.	4.0	27
115	Molecular cloning of two isoforms of Xenopus (Silurana) tropicalis estrogen receptor mRNA and their expression during development. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2007, 1769, 172-181.	2.4	26
116	Molecular cloning of estrogen receptor Î± of the Nile crocodile. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2006, 143, 340-346.	1.8	25
117	Endocrine disrupting chemicals. Journal of Steroid Biochemistry and Molecular Biology, 2011, 127, 1-3.	2.5	25
118	Gonadal Differentiation in Reptiles Exhibiting Environmental Sex Determination. Sexual Development, 2014, 8, 208-226.	2.0	25
119	Environmental chemicals active as human antiandrogens do not activate a stickleback androgen receptor but enhance a feminising effect of oestrogen in roach. Aquatic Toxicology, 2015, 168, 48-59.	4.0	25
120	Effects of triphenyltin on reproduction in Japanese medaka (Oryzias latipes) across two generations. Aquatic Toxicology, 2017, 192, 16-23.	4.0	25
121	Essential functions of androgen signaling emerged through the developmental analysis of vertebrate sex characteristics. Evolution & Development, 2011, 13, 315-325.	2.0	24
122	Development of the Larval Amphibian Growth and Development Assay: effects of chronic 4â€‹tertâ€octylphenol or 17Î²â€trenbolone exposure in Xenopus laevis from embryo to juvenile. Journal of Applied Toxicology, 2016, 36, 1639-1650.	2.8	24
123	Summary of the development the US Environmental Protection Agency's Medaka Extended One Generation Reproduction Test (MEOGRT) using data from 9 multigenerational medaka tests. Environmental Toxicology and Chemistry, 2017, 36, 3387-3403.	4.3	24
124	Early estrogen exposure induces abnormal development ofFundulus heteroclitus. The Journal of Experimental Zoology, 2002, 293, 693-702.	1.4	23
125	Cloning and functional characterization of Chondrichthyes, cloudy catshark, Scyliorhinus torazame and whale shark, Rhincodon typus estrogen receptors. General and Comparative Endocrinology, 2010, 168, 496-504.	1.8	23
126	Ionotropic Glutamate Receptors Mediate Inducible Defense in the Water Flea Daphnia pulex. PLoS ONE, 2015, 10, e0121324.	2.5	23

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127	Allosteric role of the amino-terminal A/B domain on corticosteroid transactivation of gar and human glucocorticoid receptors. Journal of Steroid Biochemistry and Molecular Biology, 2015, 154, 112-119.	2.5	23
128	Targeted gene disruption by use of <scp>CRISPR</scp>/Cas9 ribonucleoprotein complexes in the water flea Daphnia pulex. Genes To Cells, 2018, 23, 494-502.	1.2	23
129	Development of metamorphosis assay using Silurana tropicalis for the detection of thyroid system-disrupting chemicals. Ecotoxicology and Environmental Safety, 2006, 64, 281-287.	6.0	22
130	All ZZ male Xenopus laevis provides a clear sex-reversal test for feminizing endocrine disruptors. Ecotoxicology and Environmental Safety, 2006, 63, 236-243.	6.0	22
131	Novel approaches for the study of vertebrate steroid hormone receptors. Integrative and Comparative Biology, 2008, 48, 527-534.	2.0	22
132	Cloning, expression and functional characterization of carp, Cyprinus carpio, estrogen receptors and their differential activations by estrogens. Journal of Applied Toxicology, 2013, 33, 41-49.	2.8	22
133	Establishment of a shortâ€term, in vivo screening method for detecting chemicals with juvenile hormone activity using adult Daphnia magna. Journal of Applied Toxicology, 2015, 35, 75-82.	2.8	22
134	Uncertainties in biological responses that influence hazard and risk approaches to the regulation of endocrine active substances. Integrated Environmental Assessment and Management, 2017, 13, 293-301.	2.9	22
135	Molecular cloning of anti-MÃ¼llerian hormone from the American alligator, Alligator mississippiensis. Molecular and Cellular Endocrinology, 2011, 333, 190-199.	3.2	21
136	Comparative Developmental Staging of Female and Male Water Fleas Daphnia pulex and Daphnia magna During Embryogenesis. Zoological Science, 2016, 33, 31.	0.7	21
137	Morphometric analysis of the development of sexual dimorphism of the mouse pelvis. The Anatomical Record, 1989, 224, 490-494.	1.8	20
138	Application of metamorphosis assay to a native Japanese amphibian species, Rana rugosa, for assessing effects of thyroid system affecting chemicals. Ecotoxicology and Environmental Safety, 2009, 72, 1400-1405.	6.0	20
139	Wnt family genes and their modulation in the ovary-independent and persistent vaginal epithelial cell proliferation and keratinization induced by neonatal diethylstilbestrol exposure in mice. Toxicology, 2012, 296, 13-19.	4.2	20
140	Juvenile hormone-independent function of KrÃ¼ppel homolog 1 in early development of water flea Daphnia pulex. Insect Biochemistry and Molecular Biology, 2018, 93, 12-18.	2.7	20
141	Proliferation of normal mouse uterine luminal epithelial cells in serum-free collagen gel culture.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1985, 61, 292-295.	3.8	19
142	Toxicogenomic effects of neonatal exposure to diethylstilbestrol on mouse testicular gene expression in the long term: A study using cDNA microarray analysis. Molecular Reproduction and Development, 2002, 63, 17-23.	2.0	19
143	Caenorhabditis elegans Responses to Specific Steroid Hormones.. Journal of Health Science, 2003, 49, 28-33.	0.9	19
144	Differential ligand selectivity of androgen receptors Î± and Î² from Murrayâ€“Darling rainbowfish (Melanotaenia fluviatilis). General and Comparative Endocrinology, 2015, 212, 84-91.	1.8	19

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145	Occurrence of Permanent Changes in Vaginal and Uterine Epithelia in Mice Treated Neonatally with Progestin, Estrogen and Aromatizable or Non-Aromatizable Androgens. Endocrinologia Japonica, 1976, 23, 327-332.	0.5	18
146	Epidermal Growth Factor Receptor Levels in Reproductive Organs of Female Mice Exposed Neonatally to Diethylstilbestrol. Experimental Biology and Medicine, 1993, 204, 110-116.	2.4	18
147	Molecular mechanisms of induction of persistent changes by estrogenic chemicals on female reproductive tracts and external genitalia. Journal of Steroid Biochemistry and Molecular Biology, 2011, 127, 51-57.	2.5	18
148	Establishment of transactivation assay systems using fish, amphibian, reptilian and human thyroid hormone receptors. Journal of Applied Toxicology, 2013, 33, 991-1000.	2.8	18
149	Evolution of estrogen receptors in ray-finned fish and their comparative responses to estrogenic substances. Journal of Steroid Biochemistry and Molecular Biology, 2016, 158, 189-197.	2.5	18
150	Retinoic acid signaling determines the fate of the uterus from the mouse MÃ¼llerian duct. Reproductive Toxicology, 2019, 86, 56-61.	2.9	18
151	Occurrence of polyovular follicles in ovaries of mice treated neonatally with diethylstilbestrol.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1985, 61, 288-291.	3.8	17
152	Evaluation of Estrogenic Activity in Diets for Experimental Animals Using in Vitro Assay. Journal of Agricultural and Food Chemistry, 2004, 52, 1410-1414.	5.2	17
153	The influence of non-toxic concentrations of DDT and DDE on the old world vulture estrogen receptor alpha. General and Comparative Endocrinology, 2008, 159, 188-195.	1.8	17
154	Development of the Larval Amphibian Growth and Development Assay: Effects of benzophenoneâ€2 exposure in Xenopus laevis from embryo to juvenile. Journal of Applied Toxicology, 2016, 36, 1651-1661.	2.8	17
155	MITOTIC ACTIVITY OF VAGINAL EPITHELIAL CELLS FOLLOWING NEONATAL INJECTIONS OF DIFFERENT DOSES OF ESTROGEN IN MICE. Development Growth and Differentiation, 1976, 18, 69-78.	1.5	16
156	Effect of estrogens on ontogenetic expression of progesterone receptor in the fetal female rat reproductive tract. Molecular and Cellular Endocrinology, 2002, 195, 55-64.	3.2	16
157	Global Gene Expression in Mouse Vaginae Exposed to Diethylstilbestrol at Different Ages. Experimental Biology and Medicine, 2006, 231, 632-640.	2.4	16
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