

Hajime Watanabe

List of Publications by Year in descending order

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226
papers

29,908
citations

34105

52
h-index

4885

168
g-index

241
all docs

241
docs citations

241
times ranked

31390
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial sequencing and analysis of the human genome. <i>Nature</i> , 2001, 409, 860-921.	27.8	21,074
2	Endocrine-Disrupting Organotin Compounds Are Potent Inducers of Adipogenesis in Vertebrates. <i>Molecular Endocrinology</i> , 2006, 20, 2141-2155.	3.7	549
3	Low dose effect of in utero exposure to bisphenol A and diethylstilbestrol on female mouse reproduction. <i>Reproductive Toxicology</i> , 2002, 16, 117-122.	2.9	270
4	Environmental Sex Determination in the Branchiopod Crustacean <i>Daphnia magna</i> : Deep Conservation of a Doublesex Gene in the Sex-Determining Pathway. <i>PLoS Genetics</i> , 2011, 7, e1001345.	3.5	265
5	High-performance affinity beads for identifying drug receptors. <i>Nature Biotechnology</i> , 2000, 18, 877-881.	17.5	244
6	Spatial Redox Regulation of a Critical Cysteine Residue of NF- κ B in Vivo. <i>Journal of Biological Chemistry</i> , 2002, 277, 44548-44556.	3.4	201
7	Genomic diversity of enterohemorrhagic <i>Escherichia coli</i> O157 revealed by whole genome PCR scanning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 17043-17048.	7.1	182
8	Effect of UV screens and preservatives on vitellogenin and choriogenin production in male medaka (<i>Oryzias latipes</i>). <i>Toxicology</i> , 2003, 194, 43-50.	4.2	175
9	Juvenile hormone agonists affect the occurrence of male <i>Daphnia</i> . <i>Chemosphere</i> , 2003, 53, 827-833.	8.2	167
10	Matrix metalloproteinase-9 (92 kDa gelatinase/type IV collagenase) from U937 monoblastoid cells: correlation with cellular invasion. <i>Journal of Cell Science</i> , 1993, 104, 991-999.	2.0	166
11	Developmental effects of perinatal exposure to bisphenol-A and diethylstilbestrol on reproductive organs in female mice. <i>Reproductive Toxicology</i> , 2002, 16, 107-116.	2.9	160
12	Disruption of the Epilepsy <i>KCNQ2</i> Gene Results in Neural Hyperexcitability. <i>Journal of Neurochemistry</i> , 2000, 75, 28-33.	3.9	157
13	Genome plasticity as a paradigm of eubacteria evolution. <i>Journal of Molecular Evolution</i> , 1997, 44, S57-S64.	1.8	120
14	Bcl-2 and Fas expression in eutopic and ectopic human endometrium during the menstrual cycle in relation to endometrial cell apoptosis. <i>American Journal of Obstetrics and Gynecology</i> , 1997, 176, 360-368.	1.3	113
15	Human Spt6 Stimulates Transcription Elongation by RNA Polymerase II In Vitro. <i>Molecular and Cellular Biology</i> , 2004, 24, 3324-3336.	2.3	106
16	Application of Ecotoxicogenomics for Studying Endocrine Disruption in Vertebrates and Invertebrates. <i>Environmental Health Perspectives</i> , 2006, 114, 101-105.	6.0	102
17	CRISPR/Cas-Mediated Targeted Mutagenesis in <i>Daphnia magna</i> . <i>PLoS ONE</i> , 2014, 9, e98363.	2.5	101
18	Effects of an androgenic growth promoter 17 β -trenbolone on masculinization of Mosquitofish (<i>Gambusia affinis affinis</i>). <i>General and Comparative Endocrinology</i> , 2005, 143, 151-160.	1.8	100

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19	Sequence divergence and expression of a transformer gene in the branchiopod crustacean, <i>Daphnia magna</i> . <i>Genomics</i> , 2010, 95, 160-165.	2.9	100
20	cDNA cloning of transcription factor E4TF1 subunits with Ets and notch motifs.. <i>Molecular and Cellular Biology</i> , 1993, 13, 1385-1391.	2.3	95
21	Linking Molecular and Population Stress Responses in <i>Daphnia magna</i> exposed to cadmium. <i>Environmental Science & Technology</i> , 2008, 42, 2181-2188.	10.0	94
22	Development of an RNA interference method in the cladoceran crustacean <i>Daphnia magna</i> . <i>Development Genes and Evolution</i> , 2011, 220, 337-345.	0.9	93
23	Stress Tolerance in Doughs of <i>Saccharomyces cerevisiae</i> Trehalase Mutants Derived from Commercial Baker's Yeast. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2841-2846.	3.1	88
24	Cloning and characterization of the ecdysone receptor and ultraspiracle protein from the water flea <i>Daphnia magna</i> . <i>Journal of Endocrinology</i> , 2007, 193, 183-194.	2.6	87
25	Developmental Effects of Estrogenic Agents on Mice, Fish, and Frogs: A Mini-Review. <i>Hormones and Behavior</i> , 2001, 40, 248-251.	2.1	85
26	Isolation of a cDNA encoding the largest subunit of TFIIA reveals functions important for activated transcription.. <i>Genes and Development</i> , 1993, 7, 2246-2257.	5.9	82
27	Molecular cloning and sexually dimorphic expression of DM-domain genes in <i>Daphnia magna</i> . <i>Genomics</i> , 2008, 91, 94-101.	2.9	82
28	Simian virus 40 VP1 capsid protein forms polymorphic assemblies in vitro. <i>Journal of General Virology</i> , 2003, 84, 1899-1905.	2.9	77
29	Roles of Disulfide Linkage and Calcium Ion-Mediated Interactions in Assembly and Disassembly of Virus-Like Particles Composed of Simian Virus 40 VP1 Capsid Protein. <i>Journal of Virology</i> , 2001, 75, 61-72.	3.4	76
30	Genome-wide analysis of changes in early gene expression induced by oestrogen. <i>Genes To Cells</i> , 2002, 7, 497-507.	1.2	75
31	Production of male neonates in <i>Daphnia magna</i> (Cladocera, Crustacea) exposed to juvenile hormones and their analogs. <i>Chemosphere</i> , 2005, 61, 1168-1174.	8.2	75
32	Negative supercoiling of DNA facilitates an interaction between transcription factor IID and the fibroin gene promoter.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 718-722.	7.1	74
33	Analysis of temporal changes in the expression of estrogen-regulated genes in the uterus. <i>Journal of Molecular Endocrinology</i> , 2003, 30, 347-358.	2.5	74
34	An improvement of discrete Tardos fingerprinting codes. <i>Designs, Codes, and Cryptography</i> , 2009, 52, 339-362.	1.6	74
35	Microbiota inoculum composition affects holobiont assembly and host growth in <i>Daphnia</i> . <i>Microbiome</i> , 2018, 6, 56.	11.1	74
36	Effects of 17 β -estradiol, nonylphenol, and bisphenol-A on developing <i>Xenopus laevis</i> embryos. <i>General and Comparative Endocrinology</i> , 2004, 138, 228-236.	1.8	73

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37	Immune suppression gene on HLA-Bw54-DR4-DRw53 haplotype controls nonresponsiveness in humans to hepatitis B surface antigen via CD8+ suppressor T cells. <i>Human Immunology</i> , 1988, 22, 9-17.	2.4	72
38	Transcription factor E4TF1 contains two subunits with different functions.. <i>EMBO Journal</i> , 1990, 9, 841-847.	7.8	72
39	Identification of two transcription factors that bind to specific elements in the promoter of the adenovirus early-region 4.. <i>Molecular and Cellular Biology</i> , 1988, 8, 1290-1300.	2.3	71
40	<i>In Vitro</i> Membrane Protein Synthesis Inside Cell-Sized Vesicles Reveals the Dependence of Membrane Protein Integration on Vesicle Volume. <i>ACS Synthetic Biology</i> , 2014, 3, 372-379.	3.8	70
41	Analysis of expressed sequence tags of the water flea <i>Daphnia magna</i> . <i>Genome</i> , 2005, 48, 606-609.	2.0	68
42	Preheparin serum lipoprotein lipase mass level: the effects of age, gender, and types of hyperlipidemias. <i>Atherosclerosis</i> , 1999, 145, 45-50.	0.8	67
43	Purification of DNA-binding transcription factors by their selective adsorption on the affinity latex particles. <i>Nucleic Acids Research</i> , 1989, 17, 6229-6240.	14.5	66
44	SWI/SNF complex is essential for NRSF-mediated suppression of neuronal genes in human nonsmall cell lung carcinoma cell lines. <i>Oncogene</i> , 2006, 25, 470-479.	5.9	65
45	DEVELOPMENT OF A DAPHNIA MAGNA DNA MICROARRAY FOR EVALUATING THE TOXICITY OF ENVIRONMENTAL CHEMICALS. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 669.	4.3	64
46	Production of male neonates in four cladoceran species exposed to a juvenile hormone analog, fenoxycarb. <i>Chemosphere</i> , 2005, 60, 74-78.	8.2	63
47	Tissue-specific estrogenic and non-estrogenic effects of a xenoestrogen, nonylphenol. <i>Journal of Molecular Endocrinology</i> , 2004, 33, 243-252.	2.5	61
48	Chromatin immunoprecipitation-mediated target identification proved aquaporin 5 is regulated directly by estrogen in the uterus. <i>Genes To Cells</i> , 2006, 11, 1133-1143.	1.2	61
49	Role of foxj1 and estrogen receptor alpha in ciliated epithelial cell differentiation of the neonatal oviduct. <i>Journal of Molecular Endocrinology</i> , 2004, 32, 615-625.	2.5	57
50	Betaproteobacteria <i>L</i> strains increase fecundity in the crustacean <i>Daphnia magna</i> : symbiotic relationship between major bacterioplankton and zooplankton in freshwater ecosystem. <i>Environmental Microbiology</i> , 2016, 18, 2366-2374.	3.8	57
51	Effects of bisphenol A given neonatally on reproductive functions of male rats. <i>Reproductive Toxicology</i> , 2006, 22, 20-29.	2.9	56
52	Porphyryn Accumulation in Mitochondria Is Mediated by 2-Oxoglutarate Carrier. <i>Journal of Biological Chemistry</i> , 2006, 281, 31729-31735.	3.4	56
53	Identification of two transcription factors that bind to specific elements in the promoter of the adenovirus early-region 4. <i>Molecular and Cellular Biology</i> , 1988, 8, 1290-1300.	2.3	56
54	Phosphorylation and high level expression of Fra-2 in v-src transformed cells: a pathway of activation of endogenous AP-1. <i>Oncogene</i> , 1997, 14, 2435-2444.	5.9	54

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55	Molecular cloning of doublesex genes of four cladocera (water flea) species. BMC Genomics, 2013, 14, 239.	2.8	53
56	Toxicogenomics and ecotoxicogenomics for studying endocrine disruption and basic biology. General and Comparative Endocrinology, 2007, 153, 25-29.	1.8	52
57	Matrix metalloproteinase-9 (92 kDa gelatinase/type IV collagenase) from U937 monoblastoid cells: correlation with cellular invasion. Journal of Cell Science, 1993, 104 (Pt 4), 991-9.	2.0	52

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73	Similarities and differences in uterine gene expression patterns caused by treatment with physiological and non-physiological estrogens. <i>Journal of Molecular Endocrinology</i> , 2003, 31, 487-497.	2.5	42
74	Transcriptome profiling in crustaceans as a tool for ecotoxicogenomics. <i>Cell Biology and Toxicology</i> , 2008, 24, 641-647.	5.3	40
75	Atrazine binds to F1FO-ATP synthase and inhibits mitochondrial function in sperm. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 66-72.	2.1	40
76	Symbiotic bacteria contribute to increasing the population size of a freshwater crustacean, <i>Daphnia magna</i> . <i>Environmental Microbiology Reports</i> , 2015, 7, 364-372.	2.4	40
77	CRISPR/Cas-mediated knock-in via non-homologous end-joining in the crustacean <i>Daphnia magna</i> . <i>PLoS ONE</i> , 2017, 12, e0186112.	2.5	40
78	HEXIM1 forms a transcriptionally abortive complex with glucocorticoid receptor without involving 7SK RNA and positive transcription elongation factor b. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8555-8560.	7.1	39
79	A 5' UTR-Overlapping lncRNA Activates the Male-Determining Gene <i>doublesex1</i> in the Crustacean <i>Daphnia magna</i> . <i>Current Biology</i> , 2018, 28, 1811-1817.e4.	3.9	39
80	The retinoblastoma binding factor 1 (RBF-1) site in RB gene promoter binds preferentially E4TF1, a member of the Ets transcription factors family. <i>Oncogene</i> , 1994, 9, 1839-46.	5.9	38
81	SAR and temperature increase in the human eye induced by obliquely incident plane waves. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2002, 44, 592-594.	2.2	36
82	Morphological changes in <i>Daphnia galeata</i> induced by a crustacean terpenoid hormone and its analog. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 232-238.	4.3	35
83	Molecular impact of juvenile hormone agonists on neonatal <i>Daphnia magna</i> . <i>Journal of Applied Toxicology</i> , 2014, 34, 537-544.	2.8	35
84	Cloning of a cDNA encoding an ETR2-like protein (Os-ERL1) from deep water rice (<i>Oryza sativa</i> L.) and increase in its mRNA level by submergence, ethylene, and gibberellin treatments. <i>Journal of Experimental Botany</i> , 2004, 55, 1145-1148.	4.8	34
85	Effects of diethylstilbestrol on ovarian follicle development in neonatal mice. <i>Reproductive Toxicology</i> , 2009, 27, 55-62.	2.9	34
86	Bisphenol-A Administration during Pregnancy Results in Fetal Exposure in Mice and Monkeys.. <i>Journal of Health Science</i> , 2002, 48, 579-582.	0.9	33
87	Tryptophan hydroxylase (TRH) loss of function mutations induce growth and behavioral defects in <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2018, 8, 1518.	3.3	32
88	Heterodimeric TALENs induce targeted heritable mutations in the crustacean <i>Daphnia magna</i> . <i>Biology Open</i> , 2015, 4, 364-369.	1.2	31
89	Retinoblastoma binding factor 1 site in the core promoter region of the human RB gene is activated by hCABP/E4TF1. <i>Cancer Research</i> , 1997, 57, 3145-8.	0.9	31
90	Persistent gene expression in mouse vagina exposed neonatally to diethylstilbestrol. <i>Journal of Molecular Endocrinology</i> , 2004, 32, 663-677.	2.5	30

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91	Transcription factor E4TF1 contains two subunits with different functions. <i>EMBO Journal</i> , 1990, 9, 841-7.	7.8	30
92	Synergistic Transcriptional Activation by hGABP and Select Members of the Activation Transcription Factor/cAMP Response Element-binding Protein Family. <i>Journal of Biological Chemistry</i> , 1999, 274, 35475-35482.	3.4	29
93	Selective ligand purification using high-performance affinity beads. <i>Analytical Biochemistry</i> , 2005, 338, 245-252.	2.4	29
94	Developmental effects: oestrogen-induced vaginal changes and organotin-induced adipogenesis. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 263-268.	3.6	29
95	Developmental toxicity of estrogenic chemicals on rodents and other species. <i>Congenital Anomalies (discontinued)</i> , 2002, 42, 94-105.	0.6	28
96	Investigation of local charged defects within high-temperature annealed HfSiON-SiO ₂ gate stacks by scanning capacitance spectroscopy. <i>Journal of Applied Physics</i> , 2007, 101, 083704.	2.5	28
97	Comparison of Estrogen Responsive Genes in the Mouse Uterus, Vagina and Mammary Gland. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 725-731.	0.9	28
98	Involvement of Estrogen Receptor β in the Induction of Polyovular Follicles in Mouse Ovaries Exposed Neonatally to Diethylstilbestrol. <i>Zoological Science</i> , 2009, 26, 704-712.	0.7	28
99	Different biological activities of the hetero- and homodimers formed by the 47- and 43-kilodalton proteins of transcription factor ATF/E4TF3. <i>Journal of Virology</i> , 1991, 65, 557-564.	3.4	28
100	Synergistic Effects of Ethephon and Gibberellic Acid on the Growth of Rice Seedlings Grown under Field and Environmentally Controlled Conditions. <i>Journal of Agronomy</i> , 2015, 14, 87-92.	0.4	28
101	Chimeric Virus-like Particle Formation of Adeno-Associated Virus. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 371-376.	2.1	27
102	Mapping the expression of the sex determining factor Doublesex1 in <i>Daphnia magna</i> using a knock-in reporter. <i>Scientific Reports</i> , 2017, 7, 13521.	3.3	27
103	[40] DNA affinity chromatography. <i>Methods in Enzymology</i> , 1995, 254, 595-604.	1.0	26
104	Chondrocytes as a specific target of ectopic Fos expression in early development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 3994-3999.	7.1	26
105	Construction of an <i>in Vitro</i> Gene Screening System of the <i>E. coli</i> EmrE Transporter Using Liposome Display. <i>Analytical Chemistry</i> , 2016, 88, 12028-12035.	6.5	26
106	Co-option of the bZIP transcription factor VriII as the activator of Doublesex1 in environmental sex determination of the crustacean <i>Daphnia magna</i> . <i>PLoS Genetics</i> , 2017, 13, e1006953.	3.5	26
107	A murine model of atopic dermatitis can be generated by painting the dorsal skin with hapten twice 14 days apart. <i>Scientific Reports</i> , 2018, 8, 5988.	3.3	26
108	Endoscopic ultrasonography for colorectal cancer using submucosal saline solution injection. <i>Gastrointestinal Endoscopy</i> , 1997, 45, 508-511.	1.0	25

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109	Ovulation Defect and its Restoration by Bone Marrow Transplantation in Osteopetrotic Mutant Mice of <i>Mitf</i> ^{Mi} / <i>mitf</i> ^{Mi} Genotype. <i>1. Biology of Reproduction</i> , 1997, 57, 1394-1400.	2.7	24
110	Comparative uterine gene expression analysis after dioxin and estradiol administration. <i>Journal of Molecular Endocrinology</i> , 2004, 33, 763-771.	2.5	24
111	In vitro membrane protein synthesis inside <i>Sec</i> translocon-reconstituted cell-sized liposomes. <i>Scientific Reports</i> , 2016, 6, 36466.	3.3	23
112	Class III Polyphosphate Kinase 2 Enzymes Catalyze the Pyrophosphorylation of Adenosine 5'-Monophosphate. <i>ChemBioChem</i> , 2019, 20, 2961-2967.	2.6	23
113	TALEN-mediated knock-in via non-homologous end joining in the crustacean <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2016, 6, 36252.	3.3	22
114	Rep68 protein of adeno-associated virus type 2 interacts with 14-3-3 proteins depending on phosphorylation at serine 535. <i>Virology</i> , 2004, 320, 144-155.	2.4	21
115	TALEN-mediated homologous recombination in <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2016, 5, 18312.	3.3	21
116	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. <i>Toxicology</i> , 2012, 296, 13-19.	4.2	20
117	Identification of genes whose expressions are enhanced or reduced in baker's yeast during fed-batch culture process using molasses medium by DNA microarray analysis. <i>International Journal of Food Microbiology</i> , 2005, 102, 63-71.	4.7	19
118	Role of Nitrogen Atoms in Reduction of Electron Charge Traps in Hf-Based High- κ Dielectrics. <i>IEEE Electron Device Letters</i> , 2007, 28, 363-365.	3.9	19
119	Mono-(2-ethylhexyl) phthalate Targets Glycogen Debranching Enzyme and Affects Glycogen Metabolism in Rat Testis. <i>Toxicological Sciences</i> , 2009, 109, 143-151.	3.1	19
120	Pax6-5a Promotes Neuronal Differentiation of Murine Embryonic Stem Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 999-1003.	1.4	19
121	Early Embryonic Expression of a Putative Ecdysteroid-Phosphate Phosphatase in the Water Flea, <i>Daphnia magna</i> (Cladocera: Daphniidae). <i>Journal of Insect Science</i> , 2014, 14, 181.	1.5	19
122	Liposome-Based in Vitro Evolution of Aminoacyl-tRNA Synthetase for Enhanced Pyrrolysine Derivative Incorporation. <i>ChemBioChem</i> , 2015, 16, 1797-1802.	2.6	19
123	Porphyrim Accumulation in Mitochondria Is Mediated by 2-Oxoglutarate Carrier. <i>Journal of Biological Chemistry</i> , 2006, 281, 31729-31735.	3.4	19
124	Transcriptional activation through the tetrameric complex formation of E4TF1 subunits. <i>EMBO Journal</i> , 1994, 13, 1396-402.	7.8	19
125	Charge trapping properties in TiO ₂ ·HfSiO ₂ /SiO ₂ gate stacks probed by scanning capacitance microscopy. <i>Applied Physics Letters</i> , 2008, 92, 012112.	3.3	18
126	Visualization of ecdysteroid activity using a reporter gene in the crustacean, <i>Daphnia</i> . <i>Marine Environmental Research</i> , 2014, 93, 118-122.	2.5	18

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127	Attribute-Based Encryption for Range Attributes. Lecture Notes in Computer Science, 2016, , 42-61.	1.3	18
128	Electron-spin-resonance and electrically detected-magnetic-resonance characterization on <i>Pb</i> center in various 4H-SiC(0001)/SiO ₂ interfaces. Journal of Applied Physics, 2020, 127, .	2.5	18
129	Sense-overlapping lncRNA as a decoy of translational repressor protein for dimorphic gene expression. PLoS Genetics, 2021, 17, e1009683.	3.5	18
130	Bacterial features in the genome of Methanococcus jannaschii in terms of gene composition and biased base composition in ORFs and their surrounding regions. Gene, 1997, 205, 7-18.	2.2	17
131	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
132	Mutation of the Cytochrome P450 <i>CYP360A8</i> Gene Increases Sensitivity to Paraquat in <i>Daphnia magna</i> . Environmental Toxicology and Chemistry, 2021, 40, 1279-1288.	4.3	17
133	Gene expression change in the Müllerian duct of the mouse fetus exposed to diethylstilbestrol in utero. Experimental Biology and Medicine, 2007, 232, 503-14.	2.4	17
134	Global Gene Expression in Mouse Vaginae Exposed to Diethylstilbestrol at Different Ages. Experimental Biology and Medicine, 2006, 231, 632-640.	2.4	16
135	Effects of the Combined Application of Ethephon and Gibberellin on Growth of Rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 11 2.08 16	2.08	16
136	Shape-dependent two-photon absorption in two-dimensionally extended benzoporphyrin arrays. Physical Chemistry Chemical Physics, 2013, 15, 10612.	2.8	16
137	Parasite-mediated selection in a natural metapopulation of <i>Daphnia magna</i> . Molecular Ecology, 2019, 28, 4770-4785.	3.9	16
138	Lens crystallins in aqueous and vitreous humor in selenite overdose cataract. Current Eye Research, 1989, 8, 479-486.	1.5	15
139	Using ecotoxicogenomics to evaluate the impact of chemicals on aquatic organisms. Marine Biology, 2006, 149, 107-115.	1.5	14
140	Optimization of mRNA design for protein expression in the crustacean <i>Daphnia magna</i> . Molecular Genetics and Genomics, 2014, 289, 707-715.	2.1	14
141	Localization Attacks Using Matrix and Tensor Factorization. IEEE Transactions on Information Forensics and Security, 2016, 11, 1647-1660.	6.9	14
142	Generation of white-eyed <i>Daphnia magna</i> mutants lacking scarlet function. PLoS ONE, 2018, 13, e0205609.	2.5	14
143	The freshwater water flea <i>Daphnia magna</i> NIES strain genome as a resource for CRISPR/Cas9 gene targeting: The glutathione S-transferase omega 2 gene. Aquatic Toxicology, 2022, 242, 106021.	4.0	14
144	Introduction of foreign DNA into the water flea, <i>Daphnia magna</i> , by electroporation. Ecotoxicology, 2010, 19, 589-592.	2.4	13

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145	Prevention of Neointimal Formation After Angioplasty Using Nuclear Factor- κ B Decoy Oligodeoxynucleotide-Coated Balloon Catheter in Rabbit Model. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 787-796.	3.9	13
146	Quantitative analysis of cell-free synthesized membrane proteins at the stabilized droplet interface bilayer. <i>Chemical Communications</i> , 2018, 54, 12226-12229.	4.1	13
147	Involvement of gonadotropins in the induction of hypertrophy-hyperplasia in the interstitial tissues of ovaries in neonatally diethylstilbestrol-treated mice. <i>Reproductive Toxicology</i> , 2012, 33, 35-44.	2.9	12
148	First principles study of SiC/SiO ₂ interfaces towards future power devices. , 2014, , .		12
149	Effects of symbiotic bacteria on chemical sensitivity of <i>Daphnia magna</i> . <i>Marine Environmental Research</i> , 2017, 128, 70-75.	2.5	12
150	Optimization of Tardos's Fingerprinting Codes in a Viewpoint of Memory Amount. <i>Lecture Notes in Computer Science</i> , 2007, , 279-293.	1.3	12
151	Porphyrin molecular tweezers for fullerenes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 951-963.	0.8	11
152	Seed Germination and Coleoptile Growth of New Rice Lines Adapted to Hypoxic Conditions. <i>Plant Production Science</i> , 2015, 18, 471-475.	2.0	11
153	Roles of and cross-talk between ecdysteroid and sesquiterpenoid pathways in embryogenesis of branchiopod crustacean <i>Daphnia magna</i> . <i>PLoS ONE</i> , 2020, 15, e0239893.	2.5	11
154	Title is missing!. <i>Plant Growth Regulation</i> , 1997, 21, 109-114.	3.4	9
155	Identification of Casparian Bands in the Mesocotyl and Lower Internodes of Rice (<i>Oryza sativa</i> L.) Seedlings Using Fluorescence Microscopy. <i>Plant Production Science</i> , 2006, 9, 390-394.	2.0	9
156	Atrazine exposed phytoplankton causes the production of non-viable offspring on <i>Daphnia magna</i> . <i>Marine Environmental Research</i> , 2019, 145, 177-183.	2.5	9
157	Two Doublesex1 mutants revealed a tunable gene network underlying intersexuality in <i>Daphnia magna</i> . <i>PLoS ONE</i> , 2020, 15, e0238256.	2.5	9
158	Oligosaccharides derived from dragon fruit modulate gut microbiota, reduce oxidative stress and stimulate toll-pathway related gene expression in freshwater crustacean <i>Daphnia magna</i> . <i>Fish and Shellfish Immunology</i> , 2020, 103, 126-134.	3.6	9
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