

Hajime Watanabe

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220
papers

24,734
citations

49
h-index

156
g-index

241
ext. papers

27,583
ext. citations

4.9
avg, IF

5.47
L-index

#	Paper	IF	Citations
220	Initial sequencing and analysis of the human genome. <i>Nature</i> , 2001 , 409, 860-921	50.4	17366
219	Endocrine-disrupting organotin compounds are potent inducers of adipogenesis in vertebrates. <i>Molecular Endocrinology</i> , 2006 , 20, 2141-55		485
218	Low dose effect of in utero exposure to bisphenol A and diethylstilbestrol on female mouse reproduction. <i>Reproductive Toxicology</i> , 2002 , 16, 117-22	3.4	248
217	High-performance affinity beads for identifying drug receptors. <i>Nature Biotechnology</i> , 2000 , 18, 877-81	44.5	220
216	Spatial redox regulation of a critical cysteine residue of NF-kappa B in vivo. <i>Journal of Biological Chemistry</i> , 2002 , 277, 44548-56	5.4	182
215	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	6	177
214	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, 17043-8	11.5	158
213	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	4.4	154
212	Developmental effects of perinatal exposure to bisphenol-A and diethylstilbestrol on reproductive organs in female mice. <i>Reproductive Toxicology</i> , 2002 , 16, 107-16	3.4	152
211	Juvenile hormone agonists affect the occurrence of male <i>Daphnia</i> . <i>Chemosphere</i> , 2003 , 53, 827-33	8.4	143
210	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	5.3	141
209	Disruption of the epilepsy <i>KCNQ2</i> gene results in neural hyperexcitability. <i>Journal of Neurochemistry</i> , 2000 , 75, 28-33	6	138
208	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, 360-8	6.4	105
207	Genome plasticity as a paradigm of eubacteria evolution. <i>Journal of Molecular Evolution</i> , 1997 , 44 Suppl 1, S57-64	3.1	103
206	cDNA cloning of transcription factor E4TF1 subunits with Ets and notch motifs. <i>Molecular and Cellular Biology</i> , 1993 , 13, 1385-91	4.8	92
205	Human Spt6 stimulates transcription elongation by RNA polymerase II in vitro. <i>Molecular and Cellular Biology</i> , 2004 , 24, 3324-36	4.8	89
204	Effects of an androgenic growth promoter 17beta-trenbolone on masculinization of Mosquitofish (<i>Gambusia affinis affinis</i>). <i>General and Comparative Endocrinology</i> , 2005 , 143, 151-60	3	86

203	Linking molecular and population stress responses in <i>Daphnia magna</i> exposed to cadmium. <i>Environmental Science & Technology</i> , 2008 , 42, 2181-8	10.3	85
202	Application of ecotoxicogenomics for studying endocrine disruption in vertebrates and invertebrates. <i>Environmental Health Perspectives</i> , 2006 , 114 Suppl 1, 101-5	8.4	85
201	Developmental effects of estrogenic agents on mice, fish, and frogs: a mini-review. <i>Hormones and Behavior</i> , 2001 , 40, 248-51	3.7	78
200	Isolation of a cDNA encoding the largest subunit of TFIIA reveals functions important for activated transcription. <i>Genes and Development</i> , 1993 , 7, 2246-57	12.6	77
199	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, 2841-6	4.8	77
198	Development of an RNA interference method in the cladoceran crustacean <i>Daphnia magna</i> . <i>Development Genes and Evolution</i> , 2011 , 220, 337-45	1.8	76
197	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, 183-94	4.7	72
196	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	6.6	71
195	CRISPR/Cas-mediated targeted mutagenesis in <i>Daphnia magna</i> . <i>PLoS ONE</i> , 2014 , 9, e98363	3.7	70
194	Analysis of temporal changes in the expression of estrogen-regulated genes in the uterus. <i>Journal of Molecular Endocrinology</i> , 2003 , 30, 347-58	4.5	70
193	Effects of 17beta-estradiol, nonylphenol, and bisphenol-A on developing <i>Xenopus laevis</i> embryos. <i>General and Comparative Endocrinology</i> , 2004 , 138, 228-36	3	69
192	Simian virus 40 VP1 capsid protein forms polymorphic assemblies in vitro. <i>Journal of General Virology</i> , 2003 , 84, 1899-1905	4.9	68
191	Production of male neonates in <i>Daphnia magna</i> (Cladocera, Crustacea) exposed to juvenile hormones and their analogs. <i>Chemosphere</i> , 2005 , 61, 1168-74	8.4	67
190	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, 1290-300	4.8	67
189	Preheparin serum lipoprotein lipase mass level: the effects of age, gender, and types of hyperlipidemias. <i>Atherosclerosis</i> , 1999 , 145, 45-50	3.1	65
188	Sequence divergence and expression of a transformer gene in the branchiopod crustacean, <i>Daphnia magna</i> . <i>Genomics</i> , 2010 , 95, 160-5	4.3	64
187	Development of a <i>Daphnia magna</i> DNA microarray for evaluating the toxicity of environmental chemicals. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 669-76	3.8	63
186	Analysis of expressed sequence tags of the water flea <i>Daphnia magna</i> . <i>Genome</i> , 2005 , 48, 606-9	2.4	63

185	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, 718-22	11.5	62
184	Genome-wide analysis of changes in early gene expression induced by oestrogen. <i>Genes To Cells</i> , 2002 , 7, 497-507	2.3	61
183	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	2.3	61
182	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, 470-9	9.2	60
181	In vitro membrane protein synthesis inside cell-sized vesicles reveals the dependence of membrane protein integration on vesicle volume. <i>ACS Synthetic Biology</i> , 2014 , 3, 372-9	5.7	59
180	Purification of DNA-binding transcription factors by their selective adsorption on the affinity latex particles. <i>Nucleic Acids Research</i> , 1989 , 17, 6229-40	20.1	59
179	Molecular cloning and sexually dimorphic expression of DM-domain genes in <i>Daphnia magna</i> . <i>Genomics</i> , 2008 , 91, 94-101	4.3	57
178	Chromatin immunoprecipitation-mediated target identification proved aquaporin 5 is regulated directly by estrogen in the uterus. <i>Genes To Cells</i> , 2006 , 11, 1133-43	2.3	57
177	An improvement of discrete Tardos fingerprinting codes. <i>Designs, Codes, and Cryptography</i> , 2009 , 52, 339-362	1.2	56
176	Transcription factor E4TF1 contains two subunits with different functions.. <i>EMBO Journal</i> , 1990 , 9, 841-847	4.7	56
175	Tissue-specific estrogenic and non-estrogenic effects of a xenoestrogen, nonylphenol. <i>Journal of Molecular Endocrinology</i> , 2004 , 33, 243-52	4.5	55
174	Production of male neonates in four cladoceran species exposed to a juvenile hormone analog, fenoxycarb. <i>Chemosphere</i> , 2005 , 60, 74-8	8.4	53
173	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, 2435-44	9.2	51
172	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 (Pt 4), 991-9	5.3	51
171	Effects of bisphenol A given neonatally on reproductive functions of male rats. <i>Reproductive Toxicology</i> , 2006 , 22, 20-9	3.4	49
170	Role of foxj1 and estrogen receptor alpha in ciliated epithelial cell differentiation of the neonatal oviduct. <i>Journal of Molecular Endocrinology</i> , 2004 , 32, 615-25	4.5	49
169	Functional domains of transcription factor hGABP beta1/E4TF1-53 required for nuclear localization and transcription activation. <i>Nucleic Acids Research</i> , 1996 , 24, 4954-61	20.1	48
168	Porphyryn accumulation in mitochondria is mediated by 2-oxoglutarate carrier. <i>Journal of Biological Chemistry</i> , 2006 , 281, 31729-35	5.4	48

167	Functional interactions of transcription factor human GA-binding protein subunits. <i>Journal of Biological Chemistry</i> , 1998 , 273, 29302-8	5.4	44
166	Microbiota inoculum composition affects holobiont assembly and host growth in <i>Daphnia</i> . <i>Microbiome</i> , 2018 , 6, 56	16.6	43
165	Toxicogenomics and ecotoxicogenomics for studying endocrine disruption and basic biology. <i>General and Comparative Endocrinology</i> , 2007 , 153, 25-9	3	43
164	Molecular cloning of doublesex genes of four cladocera (water flea) species. <i>BMC Genomics</i> , 2013 , 14, 239	4.5	42
163	Effects of diethylstilbestrol on programmed oocyte death and induction of polyovular follicles in neonatal mouse ovaries. <i>Biology of Reproduction</i> , 2009 , 81, 1002-9	3.9	42
162	Activation of steroid and xenobiotic receptor (SXR, NR1I2) and its orthologs in laboratory, toxicologic, and genome model species. <i>Environmental Health Perspectives</i> , 2008 , 116, 880-5	8.4	42
161	YAAF1/RYPB and YAF-2 are functionally distinct members of a cofactor family for the YY1 and E4TF1/hGABP transcription factors. <i>Journal of Biological Chemistry</i> , 2002 , 277, 22484-90	5.4	42
160	Transcriptional activation through the tetrameric complex formation of E4TF1 subunits.. <i>EMBO Journal</i> , 1994 , 13, 1396-1402	13	42
159	Nuclear transport of the major capsid protein is essential for adeno-associated virus capsid formation. <i>Journal of Virology</i> , 1999 , 73, 7912-5	6.6	42
158	Estrogen receptor subtypes selectively mediate female mouse reproductive abnormalities induced by neonatal exposure to estrogenic chemicals. <i>Toxicology</i> , 2008 , 253, 117-24	4.4	41
157	HLA-Bw54-DR4-DRw53-DQw4 haplotype controls nonresponsiveness to hepatitis-B surface antigen via CD8-positive suppressor T cells. <i>Tissue Antigens</i> , 1990 , 36, 69-74		41
156	The estrogen-responsive adrenomedullin and receptor-modifying protein 3 gene identified by DNA microarray analysis are directly regulated by estrogen receptor. <i>Journal of Molecular Endocrinology</i> , 2006 , 36, 81-9	4.5	40
155	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	4.8	39
154	Genetic differences in the production of male neonates in <i>Daphnia magna</i> exposed to juvenile hormone analogs. <i>Chemosphere</i> , 2006 , 63, 1477-84	8.4	38
153	Estrogen-independent activation of erbBs signaling and estrogen receptor alpha in the mouse vagina exposed neonatally to diethylstilbestrol. <i>Oncogene</i> , 2004 , 23, 340-9	9.2	38
152	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, 487-97	4.5	38
151	Betaproteobacteria Limnohabitans 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, 2366-74	5.2	37
150	Atrazine binds to F1F0-ATP synthase and inhibits mitochondrial function in sperm. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 366, 66-72	3.4	35

149	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	9.2	35
148	cDNA cloning of transcription factor E4TF1 subunits with Ets and notch motifs. <i>Molecular and Cellular Biology</i> , 1993 , 13, 1385-1391	4.8	35
147	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, 8555-60	11.5	34
146	Transcriptome profiling in crustaceans as a tool for ecotoxicogenomics: Daphnia magna DNA microarray. <i>Cell Biology and Toxicology</i> , 2008 , 24, 641-7	7.4	33
145	Genomic integration and germline transmission of plasmid injected into crustacean Daphnia magna eggs. <i>PLoS ONE</i> , 2012 , 7, e45318	3.7	33
144	Effects of diethylstilbestrol on ovarian follicle development in neonatal mice. <i>Reproductive Toxicology</i> , 2009 , 27, 55-62	3.4	32
143	Morphological changes in Daphnia galeata induced by a crustacean terpenoid hormone and its analog. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 232-8	3.8	30
142	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, 1145-8	7	30
141	Molecular impact of juvenile hormone agonists on neonatal Daphnia magna. <i>Journal of Applied Toxicology</i> , 2014 , 34, 537-44	4.1	29
140	Bisphenol-A Administration during Pregnancy Results in Fetal Exposure in Mice and Monkeys.. <i>Journal of Health Science</i> , 2002 , 48, 579-582		29
139	Transcription Factor MafB Coordinates Epidermal Keratinocyte Differentiation. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 1848-1857	4.3	29
138	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	28
137	Selective ligand purification using high-performance affinity beads. <i>Analytical Biochemistry</i> , 2005 , 338, 245-52	3.1	28
136	Comparison of estrogen responsive genes in the mouse uterus, vagina and mammary gland. <i>Journal of Veterinary Medical Science</i> , 2007 , 69, 725-31	1.1	27
135	CRISPR/Cas-mediated knock-in via non-homologous end-joining in the crustacean Daphnia magna. <i>PLoS ONE</i> , 2017 , 12, e0186112	3.7	27
134	Heterodimeric TALENs induce targeted heritable mutations in the crustacean Daphnia magna. <i>Biology Open</i> , 2015 , 4, 364-9	2.2	26
133	Involvement of estrogen receptor beta in the induction of polyovular follicles in mouse ovaries exposed neonatally to diethylstilbestrol. <i>Zoological Science</i> , 2009 , 26, 704-12	0.8	26
132	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, 35475-82	5.4	26

131	Transcription factor E4TF1 contains two subunits with different functions. <i>EMBO Journal</i> , 1990 , 9, 841-7	13	26
130	Retinoblastoma binding factor 1 site in the core promoter region of the human RB gene is activated by hGABP/E4TF1. <i>Cancer Research</i> , 1997 , 57, 3145-8	10.1	26
129	Developmental effects: oestrogen-induced vaginal changes and organotin-induced adipogenesis. <i>Journal of Developmental and Physical Disabilities</i> , 2008 , 31, 263-8		25
128	Investigation of local charged defects within high-temperature annealed HfSiON ₂ /SiO ₂ gate stacks by scanning capacitance spectroscopy. <i>Journal of Applied Physics</i> , 2007 , 101, 083704	2.5	25
127	Persistent gene expression in mouse vagina exposed neonatally to diethylstilbestrol. <i>Journal of Molecular Endocrinology</i> , 2004 , 32, 663-77	4.5	24
126	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, 557-64	6.6	24
125	A 5' UTR-Overlapping LncRNA Activates the Male-Determining Gene doublesex1 in the Crustacean <i>Daphnia magna</i> . <i>Current Biology</i> , 2018 , 28, 1811-1817.e4	6.3	24
124	Symbiotic bacteria contribute to increasing the population size of a freshwater crustacean, <i>Daphnia magna</i> . <i>Environmental Microbiology Reports</i> , 2015 , 7, 364-72	3.7	23
123	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, 3994-9	11.5	23
122	Developmental toxicity of estrogenic chemicals on rodents and other species. <i>Congenital Anomalies (discontinued)</i> , 2002 , 42, 94-105	1.1	23
121	Construction of an in Vitro Gene Screening System of the E. coli EmrE Transporter Using Liposome Display. <i>Analytical Chemistry</i> , 2016 , 88, 12028-12035	7.8	22
120	Chimeric virus-like particle formation of adeno-associated virus. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 266, 371-6	3.4	22
119	DNA affinity chromatography. <i>Methods in Enzymology</i> , 1995 , 254, 595-604	1.7	22
118	Comparative uterine gene expression analysis after dioxin and estradiol administration. <i>Journal of Molecular Endocrinology</i> , 2004 , 33, 763-71	4.5	20
117	Tryptophan hydroxylase (TRH) loss of function mutations induce growth and behavioral defects in <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2018 , 8, 1518	4.9	19
116	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	4.9	19
115	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, 144-55	3.6	19
114	In vitro membrane protein synthesis inside Sec translocon-reconstituted cell-sized liposomes. <i>Scientific Reports</i> , 2016 , 6, 36466	4.9	19

113	Pax6-5a promotes neuronal differentiation of murine embryonic stem cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009 , 32, 999-1003	2.3	18
112	Endoscopic ultrasonography for colorectal cancer using submucosal saline solution injection. <i>Gastrointestinal Endoscopy</i> , 1997 , 45, 508-11	5.2	18
111	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	4.4	18
110	Co-option of the bZIP transcription factor Vrille as the activator of Doublesex1 in environmental sex determination of the crustacean <i>Daphnia magna</i> . <i>PLoS Genetics</i> , 2017 , 13, e1006953	6	17
109	Charge trapping properties in TiO ₂ /HfSiO ₂ /BiO ₂ gate stacks probed by scanning capacitance microscopy. <i>Applied Physics Letters</i> , 2008 , 92, 012112	3.4	17
108	Transcriptional activation through the tetrameric complex formation of E4TF1 subunits. <i>EMBO Journal</i> , 1994 , 13, 1396-402	13	17
107	TALEN-mediated homologous recombination in <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2015 , 5, 18312	4.9	17
106	Gene expression change in the Müllerian duct of the mouse fetus exposed to diethylstilbestrol in utero. <i>Experimental Biology and Medicine</i> , 2007 , 232, 503-14	3.7	17
105	TALEN-mediated knock-in via non-homologous end joining in the crustacean <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2016 , 6, 36252	4.9	16
104	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, 13-9	4.4	16
103	Attribute-Based Encryption for Range Attributes. <i>Lecture Notes in Computer Science</i> , 2016 , 42-61	0.9	15
102	Shape-dependent two-photon absorption in two-dimensionally extended benzoporphyrin arrays. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 10612-5	3.6	15
101	Ovulation defect and its restoration by bone marrow transplantation in osteopetrotic mutant mice of <i>Mitf(mi)/Mitf(mi)</i> genotype. <i>Biology of Reproduction</i> , 1997 , 57, 1394-400	3.9	15
100	Bacterial features in the genome of <i>Methanococcus jannaschii</i> in terms of gene composition and biased base composition in ORFs and their surrounding regions. <i>Gene</i> , 1997 , 205, 7-18	3.8	15
99	Global gene expression in mouse vaginae exposed to diethylstilbestrol at different ages. <i>Experimental Biology and Medicine</i> , 2006 , 231, 632-40	3.7	15
98	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	5.8	15
97	Liposome-Based in Vitro Evolution of Aminoacyl-tRNA Synthetase for Enhanced Pyrrolysine Derivative Incorporation. <i>ChemBioChem</i> , 2015 , 16, 1797-802	3.8	14
96	Using ecotoxicogenomics to evaluate the impact of chemicals on aquatic organisms. <i>Marine Biology</i> , 2006 , 149, 107-115	2.5	14

95	Evaluation of estrogenic activity in diets for experimental animals using in vitro assay. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 1410-4	5.7	14
94	Lens crystallins in aqueous and vitreous humor in selenite overdose cataract. <i>Current Eye Research</i> , 1989 , 8, 479-86	2.9	14
93	Visualization of ecdysteroid activity using a reporter gene in the crustacean, Daphnia. <i>Marine Environmental Research</i> , 2014 , 93, 118-22	3.3	13
92	Optimization of mRNA design for protein expression in the crustacean Daphnia magna. <i>Molecular Genetics and Genomics</i> , 2014 , 289, 707-15	3.1	12
91	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, 787-96	6	12
90	Early embryonic expression of a putative ecdysteroid-phosphate phosphatase in the water flea, Daphnia magna (Cladocera: Daphniidae). <i>Journal of Insect Science</i> , 2014 , 14, 181	2	12
89	Mono-(2-ethylhexyl) phthalate targets glycogen debranching enzyme and affects glycogen metabolism in rat testis. <i>Toxicological Sciences</i> , 2009 , 109, 143-51	4.4	12
88	Introduction of foreign DNA into the water flea, Daphnia magna, by electroporation. <i>Ecotoxicology</i> , 2010 , 19, 589-92	2.9	12
87	Porphyrin Accumulation in Mitochondria Is Mediated by 2-Oxoglutarate Carrier. <i>Journal of Biological Chemistry</i> , 2006 , 281, 31729-31735	5.4	12
86	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	3.4	11
85	First principles study of SiC/SiO ₂ interfaces towards future power devices 2014 ,		11
84	Porphyrin molecular tweezers for fullerenes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 951-9638		11
83	Quantitative analysis of cell-free synthesized membrane proteins at the stabilized droplet interface bilayer. <i>Chemical Communications</i> , 2018 , 54, 12226-12229	5.8	11
82	Effects of symbiotic bacteria on chemical sensitivity of Daphnia magna. <i>Marine Environmental Research</i> , 2017 , 128, 70-75	3.3	10
81	Class III Polyphosphate Kinase 2 Enzymes Catalyze the Pyrophosphorylation of Adenosine-5'-Monophosphate. <i>ChemBioChem</i> , 2019 , 20, 2961-2967	3.8	10
80	Effects of the Combined Application of Ethephon and Gibberellin on Growth of Rice (<i>Oryza sativa</i> L.) Seedlings. <i>Plant Production Science</i> , 2007 , 10, 468-472	2.4	10
79	Localization Attacks Using Matrix and Tensor Factorization. <i>IEEE Transactions on Information Forensics and Security</i> , 2016 , 11, 1647-1660	8	10
78	Electron-spin-resonance and electrically detected-magnetic-resonance characterization on PbC center in various 4H-SiC(0001)/SiO ₂ interfaces. <i>Journal of Applied Physics</i> , 2020 , 127, 145301	2.5	9

77	Seed Germination and Coleoptile Growth of New Rice Lines Adapted to Hypoxic Conditions. <i>Plant Production Science</i> , 2015 , 18, 471-475	2.4	9
76	Optimization of Tardos's Fingerprinting Codes in a Viewpoint of Memory Amount. <i>Lecture Notes in Computer Science</i> , 2007 , 279-293	0.9	9
75	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	4.9	8
74	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	2.4	8
73	Generation of white-eyed <i>Daphnia magna</i> mutants lacking scarlet function. <i>PLoS ONE</i> , 2018 , 13, e0205609	3.7	8
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