

Xingqi Guo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

2,475
citations

30
h-index

45
g-index

113
ext. papers

3,326
ext. citations

4
avg, IF

5
L-index

#	Paper	IF	Citations
110	Cloning and expression studies on glutathione S-transferase like-gene in honey bee for its role in oxidative stress.. <i>Cell Stress and Chaperones</i> , 2022 , 1	4	0
109	Identification of the AccCDK1 gene in Apis cerana cerana and its relationship with the oxidative stress response.. <i>Pesticide Biochemistry and Physiology</i> , 2022 , 182, 105048	4.9	0
108	Distinct molecular impact patterns of abamectin on Apis mellifera ligustica and Apis cerana cerana.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 232, 113242	7	2
107	Effects of glyphosate exposure on honeybees.. <i>Environmental Toxicology and Pharmacology</i> , 2021 , 1037928	3.28	0
106	GhWRKY21 regulates ABA-mediated drought tolerance by fine-tuning the expression of GhHAB in cotton. <i>Plant Cell Reports</i> , 2021 , 40, 2135-2150	5.1	7
105	Identification of an MGST2 gene and analysis of its function in antioxidant processes in Apis cerana cerana. <i>Archives of Insect Biochemistry and Physiology</i> , 2021 , 106, e21770	2.3	2
104	AccPDIA6 from Apis cerana cerana plays important roles in antioxidation. <i>Pesticide Biochemistry and Physiology</i> , 2021 , 175, 104830	4.9	2
103	The role of melatonin and Tryptophan-5-hydroxylase-1 in different abiotic stressors in Apis cerana cerana. <i>Journal of Insect Physiology</i> , 2021 , 128, 104180	2.4	4
102	Molecular and functional characaterization of the novel odorant-binding protein gene AccOBP10 from Apis cerana cerana. <i>Journal of Biochemistry</i> , 2021 , 169, 215-225	3.1	2
101	Response mechanisms to heat stress in bees. <i>Apidologie</i> , 2021 , 52, 388-399	2.3	5
100	Identification and characterization of an Apis cerana cerana nucleoside diphosphate kinase (AccNDPK) associated with oxidative stress. <i>Pesticide Biochemistry and Physiology</i> , 2021 , 178, 104926	4.9	0
99	Functions of RPM1-interacting protein 4 in plant immunity. <i>Planta</i> , 2021 , 253, 11	4.7	7
98	Role of Apis cerana cerana N-terminal asparagine amidohydrolase (AccNtan1) in oxidative stress. <i>Journal of Biochemistry</i> , 2020 , 168, 337-348	3.1	2
97	Analyses of the function of DnaJ family proteins reveal an underlying regulatory mechanism of heat tolerance in honeybee. <i>Science of the Total Environment</i> , 2020 , 716, 137036	10.2	5
96	Functional and transcriptomic analyses of the NF-Y family provide insights into the defense mechanisms of honeybees under adverse circumstances. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 4977-4995	10.3	2
95	Scaffold protein GhMORG1 enhances the resistance of cotton to Fusarium oxysporum by facilitating the MKK6-MPK4 cascade. <i>Plant Biotechnology Journal</i> , 2020 , 18, 1421-1433	11.6	7
94	Transcriptomic and metabolomic landscape of the molecular effects of glyphosate commercial formulation on Apis mellifera ligustica and Apis cerana cerana. <i>Science of the Total Environment</i> , 2020 , 744, 140819	10.2	16

93	Metabolite Support of Long-Term Storage of Sperm in the Spermatheca of Honeybee () Queens. <i>Frontiers in Physiology</i> , 2020 , 11, 574856	4.6	8
92	Molecular Mechanism of the UDP-Glucuronosyltransferase 2B20-like Gene () in Pesticide Resistance of. <i>Frontiers in Genetics</i> , 2020 , 11, 592595	4.5	7
91	Identification of an inositol-3-phosphate synthase 1-B gene (AccIPS1-B) from <i>Apis cerana cerana</i> and its role in abiotic stress. <i>Cell Stress and Chaperones</i> , 2019 , 24, 1101-1113	4	1
90	Isolation of AccGalectin1 From <i>Apis cerana cerana</i> and its functions in development and adverse stress response. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 671-684	4.7	3
89	Identification of an <i>Apis cerana cerana</i> MAP kinase phosphatase 3 gene (AccMKP3) in response to environmental stress. <i>Cell Stress and Chaperones</i> , 2019 , 24, 1137-1149	4	2
88	Identification of a DnaJC3 gene in <i>Apis cerana cerana</i> and its involvement in various stress responses. <i>Pesticide Biochemistry and Physiology</i> , 2019 , 160, 171-180	4.9	11
87	Role of a serine protease gene (AccSp1) from <i>Apis cerana cerana</i> in abiotic stress responses and innate immunity. <i>Cell Stress and Chaperones</i> , 2019 , 24, 29-43	4	1
86	Identification of a melatonin receptor type 1A gene (AccMTNR1A) in <i>Apis cerana cerana</i> and its possible involvement in the response to low temperature stress. <i>Die Naturwissenschaften</i> , 2018 , 105, 24	2	9
85	Characterization of the CDK5 gene in <i>Apis cerana cerana</i> (AccCDK5) and a preliminary identification of its activator gene, AccCDK5r1. <i>Cell Stress and Chaperones</i> , 2018 , 23, 13-28	4	9
84	The Wisdom of Honeybee Defenses Against Environmental Stresses. <i>Frontiers in Microbiology</i> , 2018 , 9, 722	5.7	24
83	Characteristics of AccSTIP1 in <i>Apis cerana cerana</i> and its role during oxidative stress responses. <i>Cell Stress and Chaperones</i> , 2018 , 23, 1165-1176	4	3
82	The animal nuclear factor Y: an enigmatic and important heterotrimeric transcription factor. <i>American Journal of Cancer Research</i> , 2018 , 8, 1106-1125	4.4	10
81	The cotton MAPK kinase GhMPK20 negatively regulates resistance to <i>Fusarium oxysporum</i> by mediating the MKK4-MPK20-WRKY40 cascade. <i>Molecular Plant Pathology</i> , 2018 , 19, 1624-1638	5.7	25
80	Isolation of carboxylesterase (esterase FE4) from <i>Apis cerana cerana</i> and its role in oxidative resistance during adverse environmental stress. <i>Biochimie</i> , 2018 , 144, 85-97	4.6	21
79	Environmental Stress Responses of , and in. <i>Frontiers in Genetics</i> , 2018 , 9, 445	4.5	7
78	Genome-wide classification, evolutionary analysis and gene expression patterns of the kinome in <i>Gossypium</i> . <i>PLoS ONE</i> , 2018 , 13, e0197392	3.7	5
77	Developmental characterization and environmental stress responses of Y-box binding protein 1 gene (AccYB-1) from <i>Apis cerana cerana</i> . <i>Gene</i> , 2018 , 674, 37-48	3.8	5
76	Influence of Peanut Cultivars and Environmental Conditions on the Diversity and Community Composition of Pod Rot Soil Fungi in China. <i>Mycobiology</i> , 2017 , 45, 392-400	1.7	6

75	The initial analysis of a serine proteinase gene (AccSp10) from <i>Apis cerana cerana</i> : possible involvement in pupal development, innate immunity and abiotic stress responses. <i>Cell Stress and Chaperones</i> , 2017 , 22, 867-877	4	2
74	Roles of a mitochondrial AccSCO2 gene from <i>Apis cerana cerana</i> in oxidative stress responses. <i>Journal of Inorganic Biochemistry</i> , 2017 , 175, 9-19	4.2	12
73	Molecular cloning, expression and oxidative stress response of the vitellogenin Gene (AccVg) from <i>Apis cerana cerana</i> . <i>Apidologie</i> , 2017 , 48, 599-611	2.3	7
72	ghr-miR5272a-mediated regulation of GhMKK6 gene transcription contributes to the immune response in cotton. <i>Journal of Experimental Botany</i> , 2017 , 68, 5895-5906	7	27
71	GhMAP3K65, a Cotton Raf-Like MAP3K Gene, Enhances Susceptibility to Pathogen Infection and Heat Stress by Negatively Modulating Growth and Development in Transgenic <i>Nicotiana benthamiana</i> . <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	17
70	Molecular cloning, expression, and stress response of the estrogen-related receptor gene (AccERR) from <i>Apis cerana cerana</i> . <i>Die Naturwissenschaften</i> , 2016 , 103, 24	2	6
69	Characterization of a Decapentapletic Gene (AccDpp) from <i>Apis cerana cerana</i> and Its Possible Involvement in Development and Response to Oxidative Stress. <i>PLoS ONE</i> , 2016 , 11, e0149117	3.7	5
68	Overexpression of Cotton GhMPK11 Decreases Disease Resistance through the Gibberellin Signaling Pathway in Transgenic <i>Nicotiana benthamiana</i> . <i>Frontiers in Plant Science</i> , 2016 , 7, 689	6.2	15
67	Cloning and molecular identification of triosephosphate isomerase gene from <i>Apis cerana cerana</i> and its role in response to various stresses. <i>Apidologie</i> , 2016 , 47, 792-804	2.3	1
66	The Cotton Mitogen-Activated Protein Kinase Kinase 3 Functions in Drought Tolerance by Regulating Stomatal Responses and Root Growth. <i>Plant and Cell Physiology</i> , 2016 , 57, 1629-42	4.9	51
65	A glutathione S-transferase gene associated with antioxidant properties isolated from <i>Apis cerana cerana</i> . <i>Die Naturwissenschaften</i> , 2016 , 103, 43	2	20
64	A typical RNA-binding protein gene (AccRBM11) in <i>Apis cerana cerana</i> : characterization of AccRBM11 and its possible involvement in development and stress responses. <i>Cell Stress and Chaperones</i> , 2016 , 21, 1005-1019	4	12
63	A Raf-like MAPKKK gene, GhRaf19, negatively regulates tolerance to drought and salt and positively regulates resistance to cold stress by modulating reactive oxygen species in cotton. <i>Plant Science</i> , 2016 , 252, 267-281	5.3	36
62	GhWRKY44, a WRKY transcription factor of cotton, mediates defense responses to pathogen infection in transgenic <i>Nicotiana benthamiana</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2015 , 121, 127-140	2.7	33
61	A novel 1-Cys thioredoxin peroxidase gene in <i>Apis cerana cerana</i> : characterization of AccTpx4 and its role in oxidative stresses. <i>Cell Stress and Chaperones</i> , 2015 , 20, 663-72	4	9
60	A cotton Raf-like MAP3K gene, GhMAP3K40, mediates reduced tolerance to biotic and abiotic stress in <i>Nicotiana benthamiana</i> by negatively regulating growth and development. <i>Plant Science</i> , 2015 , 240, 10-24	5.3	23
59	Isolation of arginine kinase from <i>Apis cerana cerana</i> and its possible involvement in response to adverse stress. <i>Cell Stress and Chaperones</i> , 2015 , 20, 169-83	4	29
58	GhWRKY68 reduces resistance to salt and drought in transgenic <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2015 , 10, e0120646	3.7	45

57	The Cotton WRKY Gene GhWRKY41 Positively Regulates Salt and Drought Stress Tolerance in Transgenic <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2015 , 10, e0143022	3.7	92
56	Overexpression of GhWRKY27a reduces tolerance to drought stress and resistance to <i>Rhizoctonia solani</i> infection in transgenic <i>Nicotiana benthamiana</i> . <i>Frontiers in Physiology</i> , 2015 , 6, 265	4.6	39
55	Identification and Characterization of a Novel Methionine Sulfoxide Reductase B Gene (AccMsrB) from <i>Apis cerana cerana</i> (Hymenoptera: Apidae). <i>Annals of the Entomological Society of America</i> , 2015 , 108, 575-584	2	5
54	The <i>Gossypium hirsutum</i> WRKY gene GhWRKY39-1 promotes pathogen infection defense responses and mediates salt stress tolerance in transgenic <i>Nicotiana benthamiana</i> . <i>Plant Cell Reports</i> , 2014 , 33, 483-98	5.1	79
53	Cloning and characterization of an adenine nucleotide translocator gene in <i>Apis cerana cerana</i> (Hymenoptera: Apidae). <i>Applied Entomology and Zoology</i> , 2014 , 49, 77-88	1.5	3
52	GhWRKY39, a member of the WRKY transcription factor family in cotton, has a positive role in disease resistance and salt stress tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2014 , 118, 17-32	2.7	55
51	Characterization of a mitochondrial manganese superoxide dismutase gene from <i>Apis cerana cerana</i> and its role in oxidative stress. <i>Journal of Insect Physiology</i> , 2014 , 60, 68-79	2.4	52
50	Overexpression of cotton GhMKK4 enhances disease susceptibility and affects abscisic acid, gibberellin and hydrogen peroxide signalling in transgenic <i>Nicotiana benthamiana</i> . <i>Molecular Plant Pathology</i> , 2014 , 15, 94-108	5.7	24
49	sHsp22.6, an intronless small heat shock protein gene, is involved in stress defence and development in <i>Apis cerana cerana</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014 , 53, 1-12	4.5	39
48	The cotton WRKY transcription factor GhWRKY17 functions in drought and salt stress in transgenic <i>Nicotiana benthamiana</i> through ABA signaling and the modulation of reactive oxygen species production. <i>Plant and Cell Physiology</i> , 2014 , 55, 2060-76	4.9	190
47	Molecular identification and stress response of the apoptosis-inducing factor gene 3 (AccAIF3) from <i>Apis cerana cerana</i> . <i>Apidologie</i> , 2014 , 45, 685-700	2.3	2
46	Identification and characterisation of a novel 1-Cys thioredoxin peroxidase gene (AccTpx5) from <i>Apis cerana cerana</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 172-173, 39-48	2.3	14
45	Two small heat shock protein genes in <i>Apis cerana cerana</i> : characterization, regulation, and developmental expression. <i>Gene</i> , 2014 , 545, 205-14	3.8	18
44	Glutaredoxin 1, glutaredoxin 2, thioredoxin 1, and thioredoxin peroxidase 3 play important roles in antioxidant defense in <i>Apis cerana cerana</i> . <i>Free Radical Biology and Medicine</i> , 2014 , 68, 335-46	7.8	37
43	Characterization and mutational analysis of omega-class GST (GSTO1) from <i>Apis cerana cerana</i> , a gene involved in response to oxidative stress. <i>PLoS ONE</i> , 2014 , 9, e93100	3.7	33
42	GhWRKY40, a multiple stress-responsive cotton WRKY gene, plays an important role in the wounding response and enhances susceptibility to <i>Ralstonia solanacearum</i> infection in transgenic <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2014 , 9, e93577	3.7	45
41	Identification, genomic organization, and oxidative stress response of a sigma class glutathione S-transferase gene (AccGSTS1) in the honey bee, <i>Apis cerana cerana</i> . <i>Cell Stress and Chaperones</i> , 2013 , 18, 415-26	4	54
40	Identification and characterization of an <i>Apis cerana cerana</i> Delta class glutathione S-transferase gene (AccGSTD) in response to thermal stress. <i>Die Naturwissenschaften</i> , 2013 , 100, 153-63	2	18

39	Cotton GhMPK6a negatively regulates osmotic tolerance and bacterial infection in transgenic <i>Nicotiana benthamiana</i> , and plays a pivotal role in development. <i>FEBS Journal</i> , 2013 , 280, 5128-44	5.7	33
38	Molecular cloning, expression and antioxidant characterisation of a typical thioredoxin gene (AccTrx2) in <i>Apis cerana cerana</i> . <i>Gene</i> , 2013 , 527, 33-41	3.8	22
37	A novel Omega-class glutathione S-transferase gene in <i>Apis cerana cerana</i> : molecular characterisation of GSTO2 and its protective effects in oxidative stress. <i>Cell Stress and Chaperones</i> , 2013 , 18, 503-16	4	38
36	Molecular cloning, expression and oxidative stress response of a mitochondrial thioredoxin peroxidase gene (AccTpx-3) from <i>Apis cerana cerana</i> . <i>Journal of Insect Physiology</i> , 2013 , 59, 273-82	2.4	33
35	Cotton GhMKK1 induces the tolerance of salt and drought stress, and mediates defence responses to pathogen infection in transgenic <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2013 , 8, e68503	3.7	69
34	The identification and oxidative stress response of a zeta class glutathione S-transferase (GSTZ1) gene from <i>Apis cerana cerana</i> . <i>Journal of Insect Physiology</i> , 2012 , 58, 782-91	2.4	30
33	Cloning, structural characterization and expression analysis of a novel lipid storage droplet protein-1 (LSD-1) gene in Chinese honeybee (<i>Apis cerana cerana</i>). <i>Molecular Biology Reports</i> , 2012 , 39, 2665-75	2.8	4
32	Molecular Characterization of a <i>Nicotiana tabacum</i> NtRDR6 Gene. <i>Plant Molecular Biology Reporter</i> , 2012 , 30, 1375-1384	1.7	5
31	Identification and antioxidant characterisation of thioredoxin-like1 from <i>Apis cerana cerana</i> . <i>Apidologie</i> , 2012 , 43, 737-752	2.3	10
30	Characterization of a sigma class glutathione S-transferase gene in the larvae of the honeybee (<i>Apis cerana cerana</i>) on exposure to mercury. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 161, 356-64	2.3	22
29	GhWRKY15, a member of the WRKY transcription factor family identified from cotton (<i>Gossypium hirsutum</i> L.), is involved in disease resistance and plant development. <i>BMC Plant Biology</i> , 2012 , 12, 144	5.3	110
28	Molecular cloning and characterization of Hsp27.6: the first reported small heat shock protein from <i>Apis cerana cerana</i> . <i>Cell Stress and Chaperones</i> , 2012 , 17, 539-51	4	41
27	AccERK2, a map kinase gene from <i>Apis cerana cerana</i> , plays roles in stress responses, developmental processes, and the nervous system. <i>Archives of Insect Biochemistry and Physiology</i> , 2012 , 79, 121-34	2.3	6
26	Molecular cloning, characterisation and expression of methionine sulfoxide reductase A gene from <i>Apis cerana cerana</i> . <i>Apidologie</i> , 2012 , 43, 182-194	2.3	4
25	Ribosomal protein L11 is related to brain maturation during the adult phase in <i>Apis cerana cerana</i> (Hymenoptera, Apidae). <i>Die Naturwissenschaften</i> , 2012 , 99, 343-52	2	5
24	Identification and characterization of a novel calcyclin binding protein (CacyBP) gene from <i>Apis cerana cerana</i> . <i>Molecular Biology Reports</i> , 2012 , 39, 8053-63	2.8	5
23	Characterization and functional analysis of GhRDR6, a novel RDR6 gene from cotton (<i>Gossypium hirsutum</i> L.). <i>Bioscience Reports</i> , 2012 , 32, 139-51	4.1	14
22	Cotton GhMKK5 affects disease resistance, induces HR-like cell death, and reduces the tolerance to salt and drought stress in transgenic <i>Nicotiana benthamiana</i> . <i>Journal of Experimental Botany</i> , 2012 , 63, 3935-51	7	93

21	Characterization of the Cyclin-Dependent Kinase 6 Gene in <i>Apis cerana cerana</i> in Response to Multiple Environmental Stresses. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012 , 67, 342-352	1.7	0
20	Molecular characterization and immunohistochemical localization of a mitogen-activated protein kinase, Accp38b, from <i>Apis cerana cerana</i> . <i>BMB Reports</i> , 2012 , 45, 293-8	5.5	7
19	Cotton GhMPK2 is involved in multiple signaling pathways and mediates defense responses to pathogen infection and oxidative stress. <i>FEBS Journal</i> , 2011 , 278, 1367-78	5.7	43
18	A cotton group C MAP kinase gene, GhMPK2, positively regulates salt and drought tolerance in tobacco. <i>Plant Molecular Biology</i> , 2011 , 77, 17-31	4.6	93
17	GhWRKY3, a novel cotton (<i>Gossypium hirsutum</i> L.) WRKY gene, is involved in diverse stress responses. <i>Molecular Biology Reports</i> , 2011 , 38, 49-58	2.8	49
16	Isolation of a novel RNA-dependent RNA polymerase 6 from <i>Nicotiana glutinosa</i> , NgRDR6, and analysis of its response to biotic and abiotic stresses. <i>Molecular Biology Reports</i> , 2011 , 38, 929-37	2.8	17
15	GhMPK16, a novel stress-responsive group D MAPK gene from cotton, is involved in disease resistance and drought sensitivity. <i>BMC Molecular Biology</i> , 2011 , 12, 22	4.5	76
14	Molecular cloning and characterization of two nicotinic acetylcholine receptor β subunit genes from <i>Apis cerana cerana</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2011 , 77, 163-78	2.3	15
13	Identification and characterization of a novel corticotropin-releasing hormone-binding protein (CRH-BP) gene from Chinese honeybee (<i>Apis cerana cerana</i>). <i>Archives of Insect Biochemistry and Physiology</i> , 2011 , 78, 161-75	2.3	7
12	Characterization of the TAK1 gene in <i>Apis cerana cerana</i> (AccTAK1) and its involvement in the regulation of tissue-specific development. <i>BMB Reports</i> , 2011 , 44, 187-92	5.5	7
11	Cloning, structural features, and expression analysis of the gene encoding thioredoxin reductase 1 from <i>Apis cerana cerana</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010 , 156, 229-36	2.3	9
10	GhMPK7, a novel multiple stress-responsive cotton group C MAPK gene, has a role in broad spectrum disease resistance and plant development. <i>Plant Molecular Biology</i> , 2010 , 74, 1-17	4.6	71
9	Molecular characterization, immunohistochemical localization and expression of a ribosomal protein L17 gene from <i>Apis cerana cerana</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2010 , 75, 121-38	2.3	16
8	Identification and characterization of two phospholipid hydroperoxide glutathione peroxidase genes from <i>Apis cerana cerana</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010 , 152, 75-83	3.2	10
7	NgRDR1, an RNA-dependent RNA polymerase isolated from <i>Nicotiana glutinosa</i> , was involved in biotic and abiotic stresses. <i>Plant Physiology and Biochemistry</i> , 2009 , 47, 359-68	5.4	36
6	Molecular cloning and characterization of an inducible RNA-dependent RNA polymerase gene, GhRdRP, from cotton (<i>Gossypium hirsutum</i> L.). <i>Molecular Biology Reports</i> , 2009 , 36, 47-56	2.8	15
5	Conserved Sequences of Replicase Gene-Mediated Resistance to Potyvirus through RNA Silencing 2009 , 52, 550-559		13
4	The NgAOX1a gene cloned from <i>Nicotiana glutinosa</i> is implicated in the response to abiotic and biotic stresses. <i>Bioscience Reports</i> , 2008 , 28, 259-66	4.1	17

3	Molecular cloning and expression characteristics of alternative oxidase gene of cotton (<i>Gossypium hirsutum</i>). <i>Molecular Biology Reports</i> , 2008 , 35, 97-105	2.8	14
2	Overexpression of phospholipase D α gene enhances drought and salt tolerance of <i>Populus tomentosa</i> . <i>Science Bulletin</i> , 2008 , 53, 3656-3665		14
1	A novel MAP kinase gene in cotton (<i>Gossypium hirsutum</i> L.), GhMAPK, is involved in response to diverse environmental stresses. <i>BMB Reports</i> , 2007 , 40, 325-32	5.5	31