Kwang-Hyun Baek

List of Publications by Year
in descending order

136	3,206	159358	214527
papers	citations	30 h-index	47 g-index

137	137	137	4331
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute Myeloid Leukemia-Related Proteins Modified by Ubiquitin and Ubiquitin-like Proteins. International Journal of Molecular Sciences, 2022, 23, 514.	1.8	2
2	Pro-apoptotic and anti-apoptotic regulation mediated by deubiquitinating enzymes. Cellular and Molecular Life Sciences, 2022, 79, 117.	2.4	7
3	E3 ligases and deubiquitinating enzymes regulating the MAPK signaling pathway in cancers. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188736.	3.3	36
4	USP37 Deubiquitinates CDC73 in HPT-JT Syndrome. International Journal of Molecular Sciences, 2022, 23, 6364.	1.8	1
5	Effects of Nature-Based Group Art Therapy Programs on Stress, Self-Esteem and Changes in Electroencephalogram (EEG) in Non-Disabled Siblings of Children with Disabilities. International Journal of Environmental Research and Public Health, 2021, 18, 5912.	1.2	7
6	Regulation of Cancer Metabolism by Deubiquitinating Enzymes: The Warburg Effect. International Journal of Molecular Sciences, 2021, 22, 6173.	1.8	24
7	Long-Lasting Growth Hormone Regulated by the Ubiquitin-Proteasome System. International Journal of Molecular Sciences, 2021, 22, 6268.	1.8	0
8	Cellular functions regulated by deubiquitinating enzymes in neurodegenerative diseases. Ageing Research Reviews, 2021, 69, 101367.	5.0	18
9	Pathogenetic analysis of polycystic ovary syndrome from the perspective of omics. Biomedicine and Pharmacotherapy, 2021, 142, 112031.	2.5	10
10	Bioinformatic analysis of proteomic data for iron, inflammation, and hypoxic pathways in restless legs syndrome. Sleep Medicine, 2020, 75, 448-455.	0.8	13
11	Association of an APBA3 Missense Variant with Risk of Premature Ovarian Failure in the Korean Female Population. Journal of Personalized Medicine, 2020, 10, 193.	1.1	6
12	The potential roles of deubiquitinating enzymes in brain diseases. Ageing Research Reviews, 2020, 61, 101088.	5.0	37
13	Regulation of Wnt Signaling through Ubiquitination and Deubiquitination in Cancers. International Journal of Molecular Sciences, 2020, 21, 3904.	1.8	68
14	Protein Stability of Pyruvate Kinase Isozyme M2 Is Mediated by HAUSP. Cancers, 2020, 12, 1548.	1.7	15
15	Cellular Functions of OCT-3/4 Regulated by Ubiquitination in Proliferating Cells. Cancers, 2020, 12, 663.	1.7	15
16	Differential Expression of DUB Genes in Ovarian Cells Treated with Di-2-Ethylhexyl Phthalate. International Journal of Molecular Sciences, 2020, 21, 1755.	1.8	3
17	Pathogenetic factors involved in recurrent pregnancy loss from multiple aspects. Obstetrics and Gynecology Science, 2019, 62, 212.	0.6	27
18	Regulatory interplay between deubiquitinating enzymes and cytokines. Cytokine and Growth Factor Reviews, 2019, 48, 40-51.	3.2	10

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19	Role of natural killer cells for immunotherapy in chronic myeloid leukemia (Review). Oncology Reports, 2019, 41, 2625-2635.	1.2	9
20	Identification of serum biomarkers for premature ovarian failure. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 219-226.	1.1	15
21	TGF-Î² signaling pathway mediated by deubiquitinating enzymes. Cellular and Molecular Life Sciences, 2019, 76, 653-665.	2.4	40
22	YOD1 Deubiquitinates NEDD4 Involved in the Hippo Signaling Pathway. Cellular Physiology and Biochemistry, 2019, 54, 1-14.	1.1	6
23	PMEâ€1 is regulated byUSP36 inERKand Akt signaling pathways. FEBS Letters, 2018, 592, 1575-1588.	1.3	7
24	Cellular functions of stem cell factors mediated by the ubiquitinâ€“proteasome system. Cellular and Molecular Life Sciences, 2018, 75, 1947-1957.	2.4	18
25	Zonulin level, a marker of intestinal permeability, is increased in association with liver enzymes in young adolescents. Clinica Chimica Acta, 2018, 481, 218-224.	0.5	16
26	Ubiquitin-specific peptidase 5 and ovarian tumor deubiquitinaseÃ¯Â¿Â½6A are differentially expressed in p53+/+ and p53-/- HCT116 cells. International Journal of Oncology, 2018, 52, 1705-1714.	1.4	12
27	Opposing roles of inter-Î±-trypsin inhibitor heavy chain 4 in recurrent pregnancy loss. EBioMedicine, 2018, 37, 535-546.	2.7	14
28	Blood concentrations of lipopolysaccharide-binding protein, high-sensitivity C-reactive protein, tumor necrosis factor-Î±, and Interleukin-6 in relation to insulin resistance in young adolescents. Clinica Chimica Acta, 2018, 486, 115-121.	0.5	13
29	Ubiquitin-specific protease 21 regulating the K48-linked polyubiquitination of NANOG. Biochemical and Biophysical Research Communications, 2017, 482, 1443-1448.	1.0	21
30	<scp>RNPS</scp>1 is modulated by ubiquitinâ€specific protease 4. FEBS Letters, 2017, 591, 369-381.	1.3	12
31	p53 stability is regulated by diverse deubiquitinating enzymes. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 404-411.	3.3	81
32	The Association of -429T>C and -374T>A Polymorphisms in the RAGE Gene with Polycystic Ovary Syndrome. International Journal of Medical Sciences, 2016, 13, 451-456.	1.1	6
33	Human umbilical cord blood mononuclear cells and chorionic plate-derived mesenchymal stem cells promote axon survival in a rat model of optic nerve crush injury. International Journal of Molecular Medicine, 2016, 37, 1170-1180.	1.8	31
34	Decision for cell fate: deubiquitinating enzymes in cell cycle checkpoint. Cellular and Molecular Life Sciences, 2016, 73, 1439-1455.	2.4	37
35	Ubiquitin-specific protease 11 functions as a tumor suppressor by modulating Mgl-1 protein to regulate cancer cell growth. Oncotarget, 2016, 7, 14441-14457.	0.8	36
36	Ubiquitin specific protease 19 involved in transcriptional repression of retinoic acid receptor by stabilizing CORO2A. Oncotarget, 2016, 7, 34759-34772.	0.8	8

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37	Lipopolysaccharide-binding protein plasma levels as a biomarker of obesity-related insulin resistance in adolescents. Korean Journal of Pediatrics, 2016, 59, 231.	1.9	23
38	HAUSP-nucleolin interaction is regulated by p53-Mdm2 complex in response to DNA damage response. Scientific Reports, 2015, 5, 12793.	1.6	26
39	Study of the association of the T869C polymorphism of the transforming growth factor-Î²1 gene with polycystic ovary syndrome. Molecular Medicine Reports, 2015, 12, 4560-4565.	1.1	4
40	Deubiquitinating enzyme USP37 regulating oncogenic function of 14-3-3Î³. Oncotarget, 2015, 6, 36551-36576.	0.8	22
41	Genetic Variation in the Mcp-1 Gene Promoter Associated with the Risk of Polycystic Ovary Syndrome. PLoS ONE, 2015, 10, e0123045.	1.1	5
42	Regulation of pyruvate kinase isozyme M2 is mediated by the ubiquitin-specific protease 20. International Journal of Oncology, 2015, 46, 2116-2124.	1.4	25
43	54G/C polymorphism of SREBF-1 gene is associated with polycystic ovary syndrome. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2015, 188, 95-99.	0.5	0
44	Biological functions of hyaluronan and cytokine-inducible deubiquitinating enzymes. Biochimica Et Biophysica Acta: Reviews on Cancer, 2015, 1855, 83-91.	3.3	16
45	Ell3 stabilizes p53 following CDDP treatment via its effects on ubiquitin-dependent and -independent proteasomal degradation pathways in breast cancer cells. Oncotarget, 2015, 6, 44523-44537.	0.8	10
46	Deubiquitinating Enzymes as Novel Targets for Cancer Therapies. Resistance To Targeted Anti-cancer Therapeutics, 2014, , 365-385.	0.1	0
47	Critical lysine residues of Klf4 required for protein stabilization and degradation. Biochemical and Biophysical Research Communications, 2014, 443, 1206-1210.	1.0	19
48	Posttranslational Modifications of Defined Embryonic Reprogramming Transcription Factors. Cellular Reprogramming, 2014, 16, 108-120.	0.5	25
49	Relationship between leptin receptor and polycystic ovary syndrome. Gene, 2013, 527, 71-74.	1.0	26
50	Polyclonal and Monoclonal Antibodies Specific for Ubiquitin-specific Protease 20. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2013, 32, 193-199.	0.8	6
51	Glutamateâ€ammonia ligase and reduction of G0 population in PANCâ€1 cells. Journal of Cellular Biochemistry, 2013, 114, 303-313.	1.2	5
52	Molecular mechanisms and functions of cytokine-inducible deubiquitinating enzymes. Cytokine and Growth Factor Reviews, 2013, 24, 427-431.	3.2	28
53	Herpesvirus-associated Ubiquitin-specific Protease (HAUSP) Modulates Peroxisome Proliferator-activated Receptor Î³ (PPARÎ³) Stability through Its Deubiquitinating Activity. Journal of Biological Chemistry, 2013, 288, 32886-32896.	1.6	19
54	Apolipoprotein A-IV as a novel gene associated with polycystic ovary syndrome. International Journal of Molecular Medicine, 2013, 31, 707-716.	1.8	20

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55	Deubiquitinating Enzymes as Therapeutic Targets in Cancer. Current Pharmaceutical Design, 2013, 19, 4039-4052.	0.9	54
56	Association betweenINS-VNTRpolymorphism and polycystic ovary syndrome in a Korean population. Gynecological Endocrinology, 2012, 28, 525-528.	0.7	17
57	Diverse roles of the scaffolding protein RanBPM. Drug Discovery Today, 2012, 17, 379-387.	3.2	37
58	Hyaluronan Binding Motifs of USP17 and SDS3 Exhibit Anti-Tumor Activity. PLoS ONE, 2012, 7, e37772.	1.1	19
59	Embryonic Demise Caused by Targeted Disruption of a Cysteine Protease Dub-2. PLoS ONE, 2012, 7, e44223.	1.1	6
60	LCP1 up-regulated by partial pancreatectomy supports cell proliferation and differentiation. Molecular BioSystems, 2011, 7, 3104.	2.9	5
61	ITI-H4, as a biomarker in the serum of recurrent pregnancy loss (RPL) patients. Molecular BioSystems, 2011, 7, 1430.	2.9	31
62	Lys-63-specific Deubiquitination of SDS3 by USP17 Regulates HDAC Activity. Journal of Biological Chemistry, 2011, 286, 10505-10514.	1.6	31
63	PEST Motif Sequence Regulating Human NANOG for Proteasomal Degradation. Stem Cells and Development, 2011, 20, 1511-1519.	1.1	78
64	Association study between the -866G/A polymorphism in the promoter of uncoupling protein-2 gene and polycystic ovary syndrome. Molecular Medicine Reports, 2011, 4, 747-51.	1.1	1
65	The role of deubiquitinating enzymes in apoptosis. Cellular and Molecular Life Sciences, 2011, 68, 15-26.	2.4	81
66	The promoter -1031(T/C) polymorphism in tumor necrosis factor-alpha associated with polycystic ovary syndrome. Reproductive Biology and Endocrinology, 2011, 9, 131.	1.4	33
67	Protein stability of mitochondrial superoxide dismutase SOD2 is regulated by USP36. Journal of Cellular Biochemistry, 2011, 112, 498-508.	1.2	29
68	Pharmacoproteomic Analysis of a Novel Cell-permeable Peptide Inhibitor of Tumor-induced Angiogenesis. Molecular and Cellular Proteomics, 2011, 10, M110.005264.	2.5	24
69	Association study of +45G15G(T/G) and +276(G/T) polymorphisms in the adiponectin gene in patients with polycystic ovary syndrome. International Journal of Molecular Medicine, 2011, 27, 283-7.	1.8	20
70	K48- and K63-linked polyubiquitination of deubiquitinating enzyme USP44. Cell Biology International, 2010, 34, 799-808.	1.4	28
71	Inhibitory effect of salmosin, a Korean snake venomderived disintegrin, on the integrin Î±v-mediated proliferation of SK-Mel-2 human melanoma cells. Journal of Pharmacy and Pharmacology, 2010, 55, 1577-1582.	1.2	25
72	Pegylated poly-l-arginine derivatives of chitosan for effective delivery of siRNA. Journal of Controlled Release, 2010, 145, 159-164.	4.8	97

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73	Isolation of genes involved in pancreas regeneration by subtractive hybridization. Biological Chemistry, 2010, 391, 1019-29.	1.2	24
74	Polyclonal and Monoclonal Antibodies Specific for USP17, a Proapoptotic Deubiquitinating Enzyme. Hybridoma, 2010, 29, 311-319.	0.5	4
75	Stability and Function of Mammalian Lethal Giant Larvae-1 Oncoprotein Are Regulated by the Scaffolding Protein RanBPM. Journal of Biological Chemistry, 2010, 285, 35340-35349.	1.6	34
76	Genetic variations of follicle stimulating hormone receptor are associated with polycystic ovary syndrome. International Journal of Molecular Medicine, 2010, 26, 107-12.	1.8	48
77	14-3-3Î³ Is Stimulated by IL-3 and Promotes Cell Proliferation. Journal of Immunology, 2009, 182, 1050-1060.	0.4	29
78	Generation of Dopamine Neurons with Improved Cell Survival and Phenotype Maintenance Using a Degradation-Resistant Nurr1 Mutant. Stem Cells, 2009, 27, 2238-2246.	1.4	30
79	Protein chip analysis of pluripotencyâ€associated proteins in NIH3T3 fibroblast. Proteomics, 2009, 9, 3968-3978.	1.3	6
80	Association between a single nucleotide polymorphism in MTHFR gene and polycystic ovary syndrome. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2009, 145, 85-88.	0.5	26
81	Follicle-stimulating hormone receptor polymorphisms and polycystic ovary syndrome. Fertility and Sterility, 2009, 92, e55.	0.5	0
82	Functional analysis of the porcine USP18 and its role during porcine arterivirus replication. Gene, 2009, 439, 35-42.	1.0	12
83	Pro12Ala and His447His polymorphisms of PPAR-Î³ are associated with polycystic ovary syndrome. Reproductive BioMedicine Online, 2009, 18, 644-650.	1.1	21
84	DUBâ€1, a fate determinant of dynein heavy chain in Bâ€lymphocytes, is regulated by the ubiquitinâ€“proteasome pathway. Journal of Cellular Biochemistry, 2008, 105, 1420-1429.	1.2	13
85	A novel single nucleotide polymorphism of INSR gene for polycystic ovary syndrome. Fertility and Sterility, 2008, 89, 1213-1220.	0.5	44
86	Association study between single nucleotide polymorphisms in the VEGF gene and polycystic ovary syndrome. Fertility and Sterility, 2008, 89, 1751-1759.	0.5	27
87	Sirt2 interacts with 14-3-3 Î²/Î³ and down-regulates the activity of p53. Biochemical and Biophysical Research Communications, 2008, 368, 690-695.	1.0	93
88	Enhanced cellular delivery and transfection efficiency of plasmid DNA using positively charged biocompatible colloidal gold nanoparticles. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 747-752.	1.1	53
89	Recurrent pregnancy loss: the key potential mechanisms. Trends in Molecular Medicine, 2007, 13, 310-317.	3.5	130
90	The expression of Usp42 during embryogenesis and spermatogenesis in mouse. Gene Expression Patterns, 2007, 7, 143-148.	0.3	29

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91	Protein kinase A phosphorylates and regulates dimerization of 14-3-3Î¶. FEBS Letters, 2006, 580, 305-310.	1.3	57
92	Single nucleotide polymorphism in exon 17 of the insulin receptor gene is not associated with polycystic ovary syndrome in a Korean population. Fertility and Sterility, 2006, 86, 380-384.	0.5	41
93	Disruption of protein-protein interaction in the Mgl-1 oncoprotein. Oncology Reports, 2006, 16, 795.	1.2	1
94	Proteomic analysis of recurrent spontaneous abortion: Identification of an inadequately expressed set of proteins in human follicular fluid. Proteomics, 2006, 6, 3445-3454.	1.3	89
95	The expression patterns of deubiquitinating enzymes, USP22 and Usp22. Gene Expression Patterns, 2006, 6, 277-284.	0.3	83
96	Hyaluronan- and RNA-binding deubiquitinating enzymes of USP17 family members associated with cell viability. BMC Genomics, 2006, 7, 292.	1.2	40
97	Cytokine-Regulated Protein Degradation by the Ubiquitination System. Current Protein and Peptide Science, 2006, 7, 171-177.	0.7	43
98	Molecular cloning of rHAUSP encoding a deubiquitinating enzyme in rat testis. Oncology Reports, 2006, 15, 173-7.	1.2	0
99	HAUSP as a therapeutic target for hematopoietic tumors (review). International Journal of Oncology, 2006, 28, 1209-15.	1.4	23
100	Expression and functional analyses of mHAUSP regulating apoptosis of cervical adenocarcinoma cells. International Journal of Oncology, 2005, 27, 97.	1.4	3
101	Trophoblast apoptosis is increased in women with evidence of TH1 immunity. Fertility and Sterility, 2005, 83, 1047-1049.	0.5	18
102	Deubiquitinating enzyme USP36 contains the PEST motif and is polyubiquitinated. Biochemical and Biophysical Research Communications, 2005, 330, 797-804.	1.0	25
103	The WD-40 repeat motif of Lgl tumor suppressor proteins associated with salt tolerance and temperature sensitivity. Biochemical and Biophysical Research Communications, 2005, 331, 922-928.	1.0	6
104	HAUSP, a deubiquitinating enzyme for p53, is polyubiquitinated, polyneddylated, and dimerized. FEBS Letters, 2005, 579, 4867-4872.	1.3	25
105	Regulation of Insulin Signaling through Protein Degradation. Journal of Korean Endocrine Society, 2005, 20, 434.	0.1	4
106	Expression and functional analyses of mHAUSP regulating apoptosis of cervical adenocarcinoma cells. International Journal of Oncology, 2005, 27, 97-104.	1.4	5
107	DUB-1A, a Novel Deubiquitinating Enzyme Subfamily Member, Is Polyubiquitinated and Cytokine-inducible in B-lymphocytes. Journal of Biological Chemistry, 2004, 279, 2368-2376.	1.6	43
108	DUB-3, a Cytokine-inducible Deubiquitinating Enzyme That Blocks Proliferation. Journal of Biological Chemistry, 2004, 279, 13993-14000.	1.6	80

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109	Structural and functional conservation of the lgl recessive oncogenes (Review). International Journal of Oncology, 2004, 24, 1257.	1.4	1
110	A novel cysteine protease HeLa DUB-1 responsible for cleaving the ubiquitin in human ovarian cancer cells. International Journal of Oncology, 2004, 25, 373.	1.4	4
111	Murine Asb-17 expression during mouse testis development and spermatogenesis. Zygote, 2004, 12, 151-156.	0.5	12
112	Differentially up-regulated genes in proliferating porcine neonatal pancreas cells caused by epidermal growth factor. Journal of Cellular Biochemistry, 2004, 91, 354-364.	1.2	11
113	Aberrant gene expression associated with recurrent pregnancy loss. Molecular Human Reproduction, 2004, 10, 291-297.	1.3	52
114	Essential regions of deubiquitinating enzyme activity and enhancer function for DUB-2A expressed in T-lymphocytes. Archives of Biochemistry and Biophysics, 2004, 430, 191-197.	1.4	5
115	Structural and functional conservation of the lgl recessive oncogenes (Review). International Journal of Oncology, 2004, 24, 1257-61.	1.4	6
116	A novel cysteine protease HeLa DUB-1 responsible for cleaving the ubiquitin in human ovarian cancer cells. International Journal of Oncology, 2004, 25, 373-9.	1.4	4
117	Expression of angiogenesis- and apoptosis-related genes in chorionic villi derived from recurrent pregnancy loss patients. Molecular Reproduction and Development, 2003, 66, 24-31.	1.0	97
118	Conjugation and deconjugation of ubiquitin regulating the destiny of proteins. Experimental and Molecular Medicine, 2003, 35, 1-7.	3.2	52
119	Functional and expression analyses of mgl-1, a mouse orthologue of lethal giant larvae recessive oncogene. International Journal of Oncology, 2003, 23, 1515.	1.4	1
120	Functional and expression analyses of mgl-1, a mouse orthologue of lethal giant larvae recessive oncogene. International Journal of Oncology, 2003, 23, 1515-9.	1.4	3
121	Comparison of gene expression at the fetoÂ–maternal interface between normal and recurrent pregnancy loss patients. Reproduction, Fertility and Development, 2002, 14, 235.	0.1	18
122	Molecular Cloning and Complete cDNA Sequence of UBH1 in Mouse Testis. DNA Sequence, 2002, 13, 145-148.	0.7	6
123	Lymphocyte-specific murine deubiquitinating enzymes induced by cytokines. American Journal of Hematology, 2002, 71, 340-345.	2.0	10
124	Molecular cloning and characterization of bovine bgl-1, a novel family member of WD-40 repeat-containing lethal giant larvae tumor suppressor genes. International Journal of Oncology, 2002, 20, 739-44.	1.4	3
125	The rgl-1 is a legitimate homologue of lethal giant larvae recessive oncogene in rat. International Journal of Oncology, 2002, 20, 1219-25.	1.4	4
126	DUB-2A, a new member of the DUB subfamily of hematopoietic deubiquitinating enzymes. Blood, 2001, 98, 636-642.	0.6	43

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127	Critical regions for deubiquitinating activity of DUB-2 expressed in T-lymphocytes. American Journal of Hematology, 2001, 67, 270-272.	2.0	7
128	Signal transduction pathway for anterior-posterior development inDrosophila. Journal of Biomedical Science, 1999, 6, 314-319.	2.6	3
129	Analysis of cis-acting sequences and trans-acting factors regulating the interleukin-3 response element of the DUB-1 gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1999, 1446, 308-316.	2.4	10
130	Signal Transduction Pathway for Anterior-Posterior Development in Drosophila. Journal of Biomedical Science, 1999, 6, 314-319.	2.6	2
131	The first oncogene in Drosophila melanogaster. Mutation Research - Reviews in Mutation Research, 1999, 436, 131-136.	2.4	11
132	Association study for single nucleotide polymorphisms in the CYP17A1 gene and polycystic ovary syndrome. International Journal of Molecular Medicine, 1998, 22, 249.	1.8	10
133	The lethal (2) giant larva (l(2)gl), a recessive oncogene, is required during embryonic and post-embryonic development in Drosophila. Cancer Letters, 1997, 111, 233-238.	3.2	7
134	Characterization of Maternal and Zygotic D-raf Proteins: Dominant Negative Effects on Torso Signal Transduction. Genetics, 1997, 145, 163-171.	1.2	1
135	The Activity of D-raf in Torso Signal Transduction Is Altered by Serine Substitution, N-Terminal Deletion, and Membrane Targeting. Developmental Biology, 1996, 175, 191-204.	0.9	26
136	A single nucleotide polymorphism in exon 7 of sorbin and SH3-domain-containing-1 (SORBS1) in Korean PCOS patients. Molecular Medicine Reports, 0, , .	1.1	2