

Ewa C Ellis

List of Publications by Year in descending order

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121
papers

7,529
citations

71102

41
h-index

54911

84
g-index

130
all docs

130
docs citations

130
times ranked

10810
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Culture of Genome-Stable Bipotent Stem Cells from Adult Human Liver. <i>Cell</i> , 2015, 160, 299-312.	28.9	1,166
2	Robust expansion of human hepatocytes in Fah ^{-/-} /Rag2 ^{-/-} /Il2rg ^{-/-} mice. <i>Nature Biotechnology</i> , 2007, 25, 903-910.	17.5	729
3	Characterization of primary human hepatocyte spheroids as a model system for drug-induced liver injury, liver function and disease. <i>Scientific Reports</i> , 2016, 6, 25187.	3.3	502
4	Differentiation and Transplantation of Human Embryonic Stem Cell-Derived Hepatocytes. <i>Gastroenterology</i> , 2009, 136, 990-999.e4.	1.3	485
5	Cutting Edge: Identification and Characterization of Human Intrahepatic CD49a+ NK Cells. <i>Journal of Immunology</i> , 2015, 194, 2467-2471.	0.8	238
6	Overexpression of cholesterol 7 α -hydroxylase promotes hepatic bile acid synthesis and secretion and maintains cholesterol homeostasis. <i>Hepatology</i> , 2011, 53, 996-1006.	7.3	194
7	Present status and perspectives of cell-based therapies for liver diseases. <i>Journal of Hepatology</i> , 2006, 45, 144-159.	3.7	183
8	GPS2-dependent corepressor/SUMO pathways govern anti-inflammatory actions of LRH-1 and LXR β in the hepatic acute phase response. <i>Genes and Development</i> , 2010, 24, 381-395.	5.9	162
9	Brusatol provokes a rapid and transient inhibition of Nrf2 signaling and sensitizes mammalian cells to chemical toxicity—implications for therapeutic targeting of Nrf2. <i>Free Radical Biology and Medicine</i> , 2015, 78, 202-212.	2.9	161
10	Metabolism of 4 β -Hydroxycholesterol in Humans. <i>Journal of Biological Chemistry</i> , 2002, 277, 31534-31540.	3.4	152
11	Hepatic differentiation of amniotic epithelial cells. <i>Hepatology</i> , 2011, 53, 1719-1729.	7.3	128
12	A Novel Bile Acid-Activated Vitamin D Receptor Signaling in Human Hepatocytes. <i>Molecular Endocrinology</i> , 2010, 24, 1151-1164.	3.7	111
13	Bile acid signaling pathways increase stability of Small Heterodimer Partner (SHP) by inhibiting ubiquitin-proteasomal degradation. <i>Genes and Development</i> , 2009, 23, 986-996.	5.9	109
14	From Brain to Bile. <i>Journal of Biological Chemistry</i> , 2001, 276, 37004-37010.	3.4	107
15	Isolation of Amniotic Epithelial Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2010, 12, Unit 1E.3.	3.0	103
16	Hepatocyte transplantation for inherited metabolic diseases of the liver. <i>Journal of Internal Medicine</i> , 2012, 272, 201-223.	6.0	102
17	Massive rearrangements of cellular MicroRNA signatures are key drivers of hepatocyte dedifferentiation. <i>Hepatology</i> , 2016, 64, 1743-1756.	7.3	100
18	Hepatocyte Transplantation: Clinical Experience and Potential for Future Use. <i>Cell Transplantation</i> , 2006, 15, 105-110.	2.5	98

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19	Mouse Model of Alagille Syndrome and Mechanisms of Jagged1 Missense Mutations. <i>Gastroenterology</i> , 2018, 154, 1080-1095.	1.3	92
20	Identification of Oxysterol 7 α -Hydroxylase (<i>Cyp7b1</i>) as a Novel Retinoid-Related Orphan Receptor 1 α (ROR1 α) (NR1F1) Target Gene and a Functional Cross-Talk between ROR1 α and Liver X Receptor (NR1H3). <i>Molecular Pharmacology</i> , 2008, 73, 891-899.	2.3	88
21	Feedback regulation of bile acid synthesis in primary human hepatocytes: Evidence that CDCA is the strongest inhibitor. <i>Hepatology</i> , 2003, 38, 930-938.	7.3	81
22	Insulin Regulation of Cholesterol 7 α -Hydroxylase Expression in Human Hepatocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 28745-28754.	3.4	77
23	Liver macrophages regulate systemic metabolism through non-inflammatory factors. <i>Nature Metabolism</i> , 2019, 1, 445-459.	11.9	72
24	Spatial Transcriptomics to define transcriptional patterns of zonation and structural components in the mouse liver. <i>Nature Communications</i> , 2021, 12, 7046.	12.8	71
25	Potency of Individual Bile Acids to Regulate Bile Acid Synthesis and Transport Genes in Primary Human Hepatocyte Cultures. <i>Toxicological Sciences</i> , 2014, 141, 538-546.	3.1	70
26	Development and Application of Purified Tissue Dissociation Enzyme Mixtures for Human Hepatocyte Isolation. <i>Cell Transplantation</i> , 2012, 21, 1245-1260.	2.5	63
27	Bile acid synthesis in cultured human hepatocytes: support for an alternative biosynthetic pathway to cholic acid. <i>Hepatology</i> , 2000, 31, 1305-1312.	7.3	62
28	Composition and functionality of the intrahepatic innate lymphoid cell compartment in human nonfibrotic and fibrotic livers. <i>European Journal of Immunology</i> , 2017, 47, 1280-1294.	2.9	61
29	Positive and Negative Regulation of Human Hepatic Hydroxysteroid Sulfotransferase (SULT2A1) Gene Transcription by Rifampicin: Roles of Hepatocyte Nuclear Factor 4 α and Pregnane X Receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 323, 586-598.	2.5	60
30	Hepatocyte growth factor signaling pathway inhibits cholesterol 7 α -hydroxylase and bile acid synthesis in human hepatocytes. <i>Hepatology</i> , 2007, 46, 1993-2002.	7.3	58
31	Isolation of Amniotic Mesenchymal Stem Cells. , 2010, Chapter 1, Unit 1E.5.		58
32	De Novo Donor-Specific HLA Antibody Formation in Two Patients With Crigler-Najjar Syndrome Type I Following Human Hepatocyte Transplantation With Partial Hepatectomy Preconditioning. <i>American Journal of Transplantation</i> , 2016, 16, 1021-1030.	4.7	57
33	Production of Hepatocyte-Like Cells from Human Amnion. <i>Methods in Molecular Biology</i> , 2009, 481, 155-168.	0.9	57
34	In Vitro Evaluation of Major In Vivo Drug Metabolic Pathways Using Primary Human Hepatocytes and HepaRG Cells in Suspension and a Dynamic Three-Dimensional Bioreactor System. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 134-144.	2.5	55
35	New potential cell source for hepatocyte transplantation: Discarded livers from metabolic disease liver transplants. <i>Stem Cell Research</i> , 2013, 11, 563-573.	0.7	53
36	Isolation of Amniotic Epithelial Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2007, 3, Unit 1E.3.	3.0	47

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37	Bile acid synthesis in primary cultures of rat and human hepatocytes. <i>Hepatology</i> , 1998, 27, 615-620.	7.3	46
38	Feedback regulation of bile acid synthesis in human liver: Importance of HNF-4 β for regulation of CYP7A1. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 395-399.	2.1	46
39	Guide to the Assessment of Mature Liver Gene Expression in Stem Cell-Derived Hepatocytes. <i>Stem Cells and Development</i> , 2019, 28, 907-919.	2.1	46
40	Mice with Chimeric Livers Are an Improved Model for Human Lipoprotein Metabolism. <i>PLoS ONE</i> , 2013, 8, e78550.	2.5	45
41	Liver macrophages inhibit the endogenous antioxidant response in obesity-associated insulin resistance. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	43
42	Feedback regulation of bile acid synthesis in primary human hepatocytes: Evidence that CDCA is the strongest inhibitor. <i>Hepatology</i> , 2003, 38, 930-938.	7.3	43
43	Physiological Differences between Human and Rat Primary Hepatocytes in Response to Liver X Receptor Activation by 3-[3-(2-Chloro-3-trifluoromethylbenzyl)-(2,2-diphenylethyl)amino]propyloxy]phenylacetic Acid Hydrochloride (GW3965). <i>Molecular Pharmacology</i> , 2007, 72, 947-955.	2.3	42
44	Rapid and Sensitive Assessment of Human Hepatocyte Functions. <i>Cell Transplantation</i> , 2014, 23, 1545-1556.	2.5	39
45	Hepatic miR-144 Drives Fumarase Activity Preventing NRF2 Activation During Obesity. <i>Gastroenterology</i> , 2021, 161, 1982-1997.e11.	1.3	34
46	Successful treatment of severe unconjugated hyperbilirubinemia via induction of UGT1A1 by rifampicin. <i>Journal of Hepatology</i> , 2006, 44, 243-245.	3.7	32
47	Hepatobiliary Disposition of 17-OHPC and Taurocholate in Fetal Human Hepatocytes: A Comparison with Adult Human Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2013, 41, 296-304.	3.3	32
48	Long term cultures of primary human hepatocytes as an alternative to drug testing in animals. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2009, 26, 295-302.	1.5	32
49	Suppression of bile acid synthesis by thyroid hormone in primary human hepatocytes. <i>World Journal of Gastroenterology</i> , 2006, 12, 4640.	3.3	32
50	Systemic modified messenger RNA for replacement therapy in alpha 1-antitrypsin deficiency. <i>Scientific Reports</i> , 2020, 10, 7052.	3.3	31
51	A biliary immune landscape map of primary sclerosing cholangitis reveals a dominant network of neutrophils and tissue-resident T cells. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	31
52	Hepatocyte Transplantation Improves Phenotype and Extends Survival in a Murine Model of Intermediate Maple Syrup Urine Disease. <i>Molecular Therapy</i> , 2009, 17, 1266-1273.	8.2	30
53	Disorganization and degeneration of liver sympathetic innervations in nonalcoholic fatty liver disease revealed by 3D imaging. <i>Science Advances</i> , 2021, 7, .	10.3	29
54	Marked induction of sterol 27-hydroxylase activity and mRNA levels during differentiation of human cultured monocytes into macrophages. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2003, 1593, 283-289.	4.1	28

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55	Transport, Metabolism, and Hepatotoxicity of Flutamide, Drug-Drug Interaction with Acetaminophen Involving Phase I and Phase II Metabolites. <i>Chemical Research in Toxicology</i> , 2007, 20, 1503-1512.	3.3	28
56	Regulation of CYP3A4 and CYP2B6 expression by liver X receptor agonists. <i>Biochemical Pharmacology</i> , 2007, 74, 1535-1540.	4.4	28
57	Hypothermic Storage of Human Hepatocytes for Transplantation. <i>Cell Transplantation</i> , 2014, 23, 1143-1151.	2.5	28
58	GH is a regulator of IGF2 promoter-specific transcription in human liver. <i>Journal of Endocrinology</i> , 2002, 172, 457-465.	2.6	26
59	ATPase Class I Type 8B Member 1 and Protein Kinase C δ Induce the Expression of the Canalicular Bile Salt Export Pump in Human Hepatocytes. <i>Pediatric Research</i> , 2010, 67, 183-187.	2.3	26
60	Bile acid formation in primary human hepatocytes. <i>World Journal of Gastroenterology</i> , 2000, 6, 522-525.	3.3	25
61	Molecular Aging of Human Liver: An Epigenetic/Transcriptomic Signature. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1-8.	3.6	23
62	Characterisation of the NRF2 transcriptional network and its response to chemical insult in primary human hepatocytes: implications for prediction of drug-induced liver injury. <i>Archives of Toxicology</i> , 2019, 93, 385-399.	4.2	23
63	Insights From Liver-Humanized Mice on Cholesterol Lipoprotein Metabolism and LXR-Agonist Pharmacodynamics in Humans. <i>Hepatology</i> , 2020, 72, 656-670.	7.3	23
64	Brain integrity is altered by hepatic APOE ϵ 4 in humanized-liver mice. <i>Molecular Psychiatry</i> , 2022, 27, 3533-3543.	7.9	22
65	Ethanol stimulates bile acid formation in primary human hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 743-747.	2.1	21
66	Metabolism of 17 β -Hydroxyprogesterone Caproate, an Agent for Preventing Preterm Birth, by Fetal Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2010, 38, 723-727.	3.3	21
67	Improved cryopreservation of human hepatocytes using a new xeno free cryoprotectant solution. <i>World Journal of Hepatology</i> , 2012, 4, 176.	2.0	21
68	Evaluation of Organic Anion-Transporting Polypeptide 1B1 and CYP3A4 Activities in Primary Human Hepatocytes and HepaRG Cells Cultured in a Dynamic Three-Dimensional Bioreactor System. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 145-156.	2.5	20
69	In Situ Characterization of Intrahepatic Non-Parenchymal Cells in PSC Reveals Phenotypic Patterns Associated with Disease Severity. <i>PLoS ONE</i> , 2014, 9, e105375.	2.5	20
70	Addition of Dexamethasone Alters the Bile Acid Composition by Inducing CYP8B1 in Primary Cultures of Human Hepatocytes. <i>Journal of Clinical and Experimental Hepatology</i> , 2016, 6, 87-93.	0.9	19
71	Imbalance of Genes Encoding Natural Killer Immunoglobulin-Like Receptors and Human Leukocyte Antigen in Patients With Biliary Cancer. <i>Gastroenterology</i> , 2019, 157, 1067-1080.e9.	1.3	19
72	Strategies for Short-Term Storage of Hepatocytes for Repeated Clinical Infusions. <i>Cell Transplantation</i> , 2014, 23, 1009-1018.	2.5	17

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73	Gene Editing Correction of a Urea Cycle Defect in Organoid Stem Cell Derived Hepatocyte-like Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1217.	4.1	15
74	Maintenance of Hepatic Functions in Primary Human Hepatocytes Cultured on Xeno-Free and Chemical Defined Human Recombinant Laminins. <i>PLoS ONE</i> , 2016, 11, e0161383.	2.5	15
75	Hepatocyte Transplantation Ameliorates the Metabolic Abnormality in a Mouse Model of Acute Intermittent Porphyria. <i>Cell Transplantation</i> , 2014, 23, 1153-1162.	2.5	14
76	Mucosal-associated invariant T cell tumor infiltration predicts long-term survival in cholangiocarcinoma. <i>Hepatology</i> , 2022, 75, 1154-1168.	7.3	14
77	Human Pregnane X Receptor Activation and CYP3A4/CYP2B6 Induction by 2,3-Oxidosqualene:Lanosterol Cyclase Inhibition. <i>Drug Metabolism and Disposition</i> , 2009, 37, 900-908.	3.3	13
78	The Human <i>ADFP</i> Gene Is a Direct Liver-X-Receptor (LXR) Target Gene and Differentially Regulated by Synthetic LXR Ligands. <i>Molecular Pharmacology</i> , 2010, 77, 79-86.	2.3	13
79	Serial Assessment of Growth Factors Associated with Liver Regeneration in Patients Operated with Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy. <i>European Surgical Research</i> , 2018, 59, 72-82.	1.3	13
80	A liver-humanized mouse model of carbamoyl phosphate synthetase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 1054-1063.	3.6	13
81	Aging and Caloric Restriction Modulate the DNA Methylation Profile of the Ribosomal RNA Locus in Human and Rat Liver. <i>Nutrients</i> , 2020, 12, 277.	4.1	12
82	Regulation of bile acid metabolism in biliary atresia: reduction of FGF19 by Kasai portoenterostomy and possible relation to early outcome. <i>Journal of Internal Medicine</i> , 2020, 287, 534-545.	6.0	12
83	Correction of a urea cycle defect after ex vivo gene editing of human hepatocytes. <i>Molecular Therapy</i> , 2021, 29, 1903-1917.	8.2	12
84	Exogenous alpha 1-antitrypsin down-regulates SERPINA1 expression. <i>PLoS ONE</i> , 2017, 12, e0177279.	2.5	12
85	Impaired postprandial fibroblast growth factor (FGF)-19 response in patients with stage 5 chronic kidney diseases is ameliorated following antioxidative therapy. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, iv212-iv219.	0.7	11
86	Circulating Fibroblast Growth Factor 19 in Portal and Systemic Blood. <i>Journal of Clinical and Experimental Hepatology</i> , 2018, 8, 162-168.	0.9	9
87	DUCT reveals architectural mechanisms contributing to bile duct recovery in a mouse model for Alagille syndrome. <i>ELife</i> , 2021, 10, .	6.0	9
88	Bigger may not be better when it comes to hepatocytes. <i>Liver Transplantation</i> , 2006, 12, 16-18.	2.4	7
89	Isolation of Mouse Hepatocytes for Transplantation: A Comparison between Antegrade and Retrograde Liver Perfusion. <i>Cell Transplantation</i> , 2007, 16, 859-865.	2.5	6
90	Liver X receptor agonist downregulates growth hormone signaling in the liver. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011, 8, 471-8.	0.7	6

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91	Comparison of Culture Media for Bile Acid Transport Studies in Primary Human Hepatocytes. <i>Journal of Clinical and Experimental Hepatology</i> , 2012, 2, 315-322.	0.9	6
92	Blood Group Antigen Expression in Isolated Human Liver Cells in Preparation for Implementing Clinical ABO-Incompatible Hepatocyte Transplantation. <i>Journal of Clinical and Experimental Hepatology</i> , 2020, 10, 106-113.	0.9	6
93	Lipidomic analysis of human primary hepatocytes following LXR activation with GW3965 identifies AGXT2L1 as a main target associated to changes in phosphatidylethanolamine. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 198, 105558.	2.5	6
94	Chenodeoxycholic Acid Modulates Bile Acid Synthesis Independent of Fibroblast Growth Factor 19 in Primary Human Hepatocytes. <i>Frontiers in Endocrinology</i> , 2020, 11, 554922.	3.5	6
95	The Use of Human Hepatocytes to Investigate Bile Acid Synthesis. <i>Methods in Molecular Biology</i> , 2010, 640, 417-430.	0.9	6
96	Primary cultures of human hepatocytes but not HepG2 hepatoblastoma cells are suitable for the study of glycosidic conjugation of bile acids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001, 1530, 155-161.	2.4	5
97	Diiodothyronines regulate metabolic homeostasis in primary human hepatocytes by modulating mTORC1 and mTORC2 activity. <i>Molecular and Cellular Endocrinology</i> , 2020, 499, 110604.	3.2	5
98	Cell Therapy of Liver Disease: From Hepatocytes to Stem Cells. , 2011, , 305-326.		3
99	Serum Apolipoprotein E as a Marker to Monitor Graft Function After Hepatocyte Transplantation in a Clinically Relevant Mouse Model. <i>Transplantation Proceedings</i> , 2013, 45, 1780-1786.	0.6	3
100	Changes in gluconeogenesis and intracellular lipid accumulation characterize uremic human hepatocytes ex vivo. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G952-G961.	3.4	3
101	Procurement and Evaluation of Hepatocytes for Transplantation From Neonatal Donors After Circulatory Death. <i>Cell Transplantation</i> , 2022, 31, 096368972110699.	2.5	3
102	Cultured human hepatocytes but not HepG2 are suitable for the study of bile acid conjugation. <i>Gastroenterology</i> , 2000, 118, A999.	1.3	0
103	Cultured human hepatocytes but not HEPG2 are suitable for the study of bile acid conjugation. <i>Journal of Hepatology</i> , 2000, 32, 124.	3.7	0
104	Feedback regulation of bile acid synthesis in primary human hepatocytes evidence that CDCA is the strongest inhibitor. <i>Gastroenterology</i> , 2003, 124, A730.	1.3	0
105	A Novel Bile Acid-Activated Vitamin D Receptor Signaling in Human Hepatocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2008-2008.	3.6	0
106	Serum Apoe as a Reliable Marker to Monitor Graft Function after Hepatocyte Transplantation. <i>Transplantation</i> , 2012, 94, 216.	1.0	0
107	Effects of Pro-Inflammatory Cytokines on Hepatocyte Drug and Ammonia Metabolism. <i>Transplantation</i> , 2012, 94, 1011.	1.0	0
108	Evaluation of Hepatocytes from Explanted-Diseased Livers for Transplantation. <i>Transplantation</i> , 2012, 94, 214.	1.0	0

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109	Rapid Assessment of Viability and Function of Human Hepatocytes for Possible Transplantation. Transplantation, 2012, 94, 215.	1.0	0
110	Cell Therapy of Liver Disease. , 2013, , 855-871.		0
111	Antibody Mediated Rejection After Hepatocyte Transplantation Combined With Partial Hepatectomy in One of Two Patients With Crigler-Najjar Type I.. Transplantation, 2014, 98, 299.	1.0	0
112	Cell Therapy for Liver Disease. , 2014, , 543-564.		0
113	P115 EFFECT OF PURIFIED ALPHA 1-ANTITRYPSIN (AAT) ON EXPRESSION OF AAT IN NORMAL (PIMM) AND AAT DEFICIENT (PIZZ) PRIMARY HUMAN HEPATOCYTES. Journal of Hepatology, 2014, 60, S104.	3.7	0
114	Sequential expression of liver regenerative plasma markers in patients operated with ALPPS. Hpb, 2016, 18, e700.	0.3	0
115	502 FGF19 and Bile Acids in Portal and Systemic Serum. Gastroenterology, 2016, 150, S1036.	1.3	0
116	Effect of the Isolation Procedure and Inflammatory Cytokines on Blood Group Antigen Expression on Human Hepatocytes in Preparation for Investigating ABO-Incompatible Hepatocyte Transplantation. Transplantation, 2018, 102, S233.	1.0	0
117	FRI-427-Liver humanized mouse as models for human metabolic liver diseases. Journal of Hepatology, 2019, 70, e582.	3.7	0
118	22: Human Hepatocyte Spheroids Show Plasticity-enabling Extended Culture and Pretransplant Conditioning. Transplantation, 2019, 103, S5-S5.	1.0	0
119	Acetaminophen induces a reversible switch from rough to smooth endoplasmic reticulum and leads to glycogen degradation in human hepatocytes. FASEB Journal, 2007, 21, A189.	0.5	0
120	Hepatocyte Transplantation. , 2008, , 912-927.		0
121	Assay of Bile Acid Conjugation and Excretion in Human Hepatocytes. Methods in Molecular Biology, 2015, 1250, 323-331.	0.9	0