

Tomohide Uno

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.

42
papers

457
citations

11
h-index

20
g-index

42
ext. papers

558
ext. citations

2.8
avg, IF

3.33
L-index

#	Paper	IF	Citations
42	A defective prostaglandin E synthase could affect egg formation in the silkworm <i>Bombyx mori</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020 , 521, 347-352	3.4	1
41	Functional characterization of insect-specific RabX6 of <i>Bombyx mori</i> . <i>Histochemistry and Cell Biology</i> , 2019 , 151, 187-198	2.4	3
40	Molecular and functional characterization of the American cockroach, <i>Periplaneta americana</i> , Rab5: the first exopterygotan low molecular weight ovarian GTPase during oogenesis. <i>Insect Science</i> , 2018 , 25, 751-764	3.6	3
39	Metabolism of steroids by cytochrome P450 2C9 variants. <i>Biopharmaceutics and Drug Disposition</i> , 2018 , 39, 371-377	1.7	6
38	Modification of N-Terminal Amino Acids of Fungal Benzoate Hydroxylase (CYP53A15) for the Production of γ -Hydroxybenzoate and Optimization of Bioproduction Conditions in. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 439-447	3.3	3
37	Functional characterization of CYP52G3 from <i>Aspergillus oryzae</i> and its application for bioconversion and synthesis of hydroxyl flavanone and steroids. <i>Biotechnology and Applied Biochemistry</i> , 2017 , 64, 385-391	2.8	5
36	Localization and functional analysis of the insect-specific RabX4 in the brain of <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2017 , 96, e21404	2.3	2
35	Metabolism of 7-ethoxycoumarin, flavanone and steroids by cytochrome P450 2C9 variants. <i>Biopharmaceutics and Drug Disposition</i> , 2017 , 38, 486-493	1.7	4
34	Rab proteins in the brain and corpus allatum of <i>Bombyx mori</i> . <i>Histochemistry and Cell Biology</i> , 2016 , 146, 59-69	2.4	5
33	Functional characterization of CYP1A9 and CYP1C1 from <i>Anguilla japonica</i> . <i>Environmental Toxicology and Pharmacology</i> , 2015 , 40, 360-8	5.8	
32	Point mutation of cytochrome P450 2A6 (a polymorphic variant CYP2A6.25) confers new substrate specificity towards flavonoids. <i>Biopharmaceutics and Drug Disposition</i> , 2015 , 36, 552-63	1.7	5
31	Characterization of Rab-interacting lysosomal protein in the brain of <i>Bombyx mori</i> . <i>Histochemistry and Cell Biology</i> , 2014 , 141, 311-20	2.4	5
30	A cis-element responsible for cGMP in the promoter of the soybean chalcone synthase gene. <i>Plant Physiology and Biochemistry</i> , 2014 , 74, 92-8	5.4	4
29	Relationship between the expression of Rab family GTPases and neuropeptide hormones in the brain of <i>Bombyx mori</i> . <i>Histochemistry and Cell Biology</i> , 2013 , 139, 299-308	2.4	12
28	Metabolism of 7-ethoxycoumarin, safrole, flavanone and hydroxyflavanone by cytochrome P450 2A6 variants. <i>Biopharmaceutics and Drug Disposition</i> , 2013 , 34, 87-97	1.7	13
27	Cytochrome P450 (CYP) in fish. <i>Environmental Toxicology and Pharmacology</i> , 2012 , 34, 1-13	5.8	190
26	Metabolism of the herbicides chlorotoluron, diuron, linuron, simazine, and atrazine by CYP1A9 and CYP1C1 from Japanese eel (<i>Anguilla japonica</i>). <i>Pesticide Biochemistry and Physiology</i> , 2011 , 101, 93-102	4.9	5

25	Rab14 from <i>Bombyx mori</i> (Lepidoptera: Bombycidae) shows ATPase activity. <i>Biology Letters</i> , 2010 , 6, 379-81	3.6	3
24	The effects of single nucleotide polymorphisms in CYP2A13 on metabolism of 5-methoxypsoralen. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 2110-6	4	13
23	Small GTPases of the Rab family in the brain of <i>Bombyx mori</i> . <i>Histochemistry and Cell Biology</i> , 2010 , 134, 615-22	2.4	4
22	Biochemical characterization of rab proteins from <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2009 , 70, 77-89	2.3	1
21	Putative regulatory mechanism of prothoracicotropic hormone (PTTH) secretion in the American cockroach, <i>Periplaneta americana</i> as inferred from co-localization of Rab8, PTTH, and protein kinase C in neurosecretory cells. <i>Cell and Tissue Research</i> , 2009 , 335, 607-15	4.2	14
20	Ferulic Acid Production in the Brewing of Rice Wine (Sake). <i>Journal of the Institute of Brewing</i> , 2009 , 115, 116-121	2	15
19	Phosphorylation of small GTPase Rab proteins from <i>Bombyx mori</i> (Lepidoptera: Bombycidae). <i>European Journal of Entomology</i> , 2009 , 106, 499-506		1
18	Bioconversion by functional P450 1A9 and P450 1C1 of <i>Anguilla japonica</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008 , 147, 278-85	3.2	7
17	Bioconversion of small molecules by cytochrome P450 species expressed in <i>Escherichia coli</i> . <i>Biotechnology and Applied Biochemistry</i> , 2008 , 50, 165-71	2.8	11
16	Determination of phosphorylated amino acid residues of Rab8 from <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2007 , 66, 89-97	2.3	10
15	Monoclonal antibody against Rab8 from <i>Bombyx mori</i> (Lepidoptera: Bombycidae). <i>European Journal of Entomology</i> , 2007 , 104, 641-645		1
14	Molecular cloning and expression of protein kinase C from <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2006 , 61, 65-76	2.3	12
13	Modification of small molecules by using cytochrome P450 expressed in <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006 , 33, 1043-50	4.2	8
12	Expression, purification and characterization of methyl DNA binding protein from <i>Bombyx mori</i> . <i>Journal of Insect Science</i> , 2005 , 5, 8	2	7
11	Expression, purification and characterization of methyl DNA binding protein from <i>Bombyx mori</i> . <i>Journal of Insect Science</i> , 2005 , 5, 1-8		2
10	Expression of cytochrome c oxidase subunit 1 gene in the brain at an early stage in the termination of pupal diapause in the sweet potato hornworm, <i>Agrius convolvuli</i> . <i>Journal of Insect Physiology</i> , 2004 , 50, 35-42	2.4	22
9	Phosphorylation of Rab proteins from the brain of <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2004 , 57, 68-77	2.3	9
8	Small GTP binding proteins: Rab GTPases from the brain of <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2003 , 52, 130-8	2.3	5

7	Purification and characterization of nucleoside diphosphate kinase from the brain of <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2002 , 50, 147-55	2.3	5
6	Molecular cloning of a cDNA for a small GTP binding protein, BRho, from the embryo of <i>Bombyx mori</i> and its characterization after expression and purification. <i>Archives of Insect Biochemistry and Physiology</i> , 2000 , 43, 165-72	2.3	
5	Small GTP-binding proteins in the brain-corpora cardiacum-corpora allatum complex of the silkworm, <i>Bombyx mori</i> : involvement in the secretion of prothoracicotropic hormone. <i>Archives of Insect Biochemistry and Physiology</i> , 1998 , 38, 177-84	2.3	12
4	Molecular cloning of cDNA for BRab from the brain of <i>Bombyx mori</i> and biochemical properties of BRab expressed in <i>Escherichia coli</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1998 , 62, 1885-91	2.1	4
3	Reciprocal size-effect relationship of the key residues in determining regio- and stereospecificities of DHEA hydroxylase activity in P450 2a5. <i>Biochemistry</i> , 1997 , 36, 3193-8	3.2	17
2	Importance of successive prolines in the carboxy-terminal region of P450 2C2 and P450 2C14 for the hydroxylase activities. <i>Journal of Biochemistry</i> , 1993 , 114, 363-9	3.1	8
1	Relationship between Rab and insulin-like proteins in the nervous system of <i>Bombyx mori</i> . <i>European Journal of Entomology</i> , 1998 , 118, 307-314		0