

# Kazumitsu Ueda

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8608060/kazumitsu-ueda-publications-by-year.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

140  
papers

7,637  
citations

45  
h-index

84  
g-index

146  
ext. papers

8,223  
ext. citations

5.1  
avg. IF

5.37  
L-index

#	Paper	IF	Citations
140	ABCA13 dysfunction associated with psychiatric disorders causes impaired cholesterol trafficking. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100166	5.4	4
139	ABCB1/MDR1/P-gp employs an ATP-dependent twist-and-squeeze mechanism to export hydrophobic drugs. <i>FEBS Letters</i> , <b>2021</b> , 595, 707-716	3.8	3
138	Live Cell FRET Analysis of the Conformational Changes of Human P-glycoprotein. <i>Bio-protocol</i> , <b>2021</b> , 11, e3930	0.9	0
137	Cholesterol asymmetry at the tip of filopodia during cell adhesion. <i>FASEB Journal</i> , <b>2020</b> , 34, 6185-6197	0.9	5
136	FRET analyses reveal a role of ATP hydrolysis-associated conformational changes in human P-glycoprotein. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 5002-5011	5.4	11
135	C-terminal of ABCA1 separately regulates cholesterol floppase activity and cholesterol efflux activity. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2020</b> , 84, 764-773	2.1	11
134	Structural and functional diversity calls for a new classification of ABC transporters. <i>FEBS Letters</i> , <b>2020</b> , 594, 3767-3775	3.8	66
133	Stiffness of the extracellular matrix regulates differentiation into beige adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 532, 205-210	3.4	2
132	ABC proteins in evolution. <i>FEBS Letters</i> , <b>2020</b> , 594, 3876-3881	3.8	4
131	Phosphorylation by protein kinase C stabilizes ABCG1 and increases cholesterol efflux. <i>Journal of Biochemistry</i> , <b>2019</b> ,	3.1	8
130	Changes in the asymmetric distribution of cholesterol in the plasma membrane influence streptolysin O pore formation. <i>Scientific Reports</i> , <b>2019</b> , 9, 4548	4.9	15
129	Apolipoprotein A-I directly interacts with extracellular domain 1 of human ABCA1. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2019</b> , 83, 490-497	2.1	3
128	Cell migration is negatively modulated by ABCA1. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2019</b> , 83, 463-471	2.1	1
127	Inward- and outward-facing X-ray crystal structures of homodimeric P-glycoprotein CmABCB1. <i>Nature Communications</i> , <b>2019</b> , 10, 88	17.4	32
126	An amphipathic helix of vinexin $\beta$ s necessary for a substrate stiffness-dependent conformational change in vinculin. <i>Journal of Cell Science</i> , <b>2019</b> , 132,	5.3	4
125	Temporary sequestration of cholesterol and phosphatidylcholine within extracellular domains of ABCA1 during nascent HDL generation. <i>Scientific Reports</i> , <b>2018</b> , 8, 6170	4.9	24
124	Vinexin family (SORBS) proteins regulate mechanotransduction in mesenchymal stem cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 11581	4.9	7

123	ABCG2 transporter is involved in ATP-dependent transport of thiols. <i>Biochemical Journal</i> , <b>2018</b> , 475, 87-97	3.8	2
122	A Synthetic Hybrid Molecule for the Selective Removal of Human Pluripotent Stem Cells from Cell Mixtures. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 1791-1796	3.6	0
121	A Synthetic Hybrid Molecule for the Selective Removal of Human Pluripotent Stem Cells from Cell Mixtures. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 1765-1770	16.4	8
120	Vinculin promotes nuclear localization of TAZ to inhibit ECM stiffness-dependent differentiation into adipocytes. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 989-1002	5.3	39
119	The distribution of vinculin to lipid rafts plays an important role in sensing stiffness of extracellular matrix. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2017</b> , 81, 1136-1147	2.1	10
118	Lysophosphatidylcholine export by human ABCA7. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2017</b> , 1862, 658-665	5	26
117	Celebrating Dr. Satoshi Ōmura, the recipient of the 2015 Nobel Prize in Physiology or Medicine. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2017</b> , 81, 1-2	2.1	9
116	Orthogonal lipid sensors identify transbilayer asymmetry of plasma membrane cholesterol. <i>Nature Chemical Biology</i> , <b>2017</b> , 13, 268-274	11.7	123
115	Vinculin association with actin cytoskeleton is necessary for stiffness-dependent regulation of vinculin behavior. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175324	3.7	17
114	Vinexin family (SORBS) proteins play different roles in stiffness-sensing and contractile force generation. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 3517-3531	5.3	23
113	In vitro and in vivo evaluations of the P-glycoprotein-mediated efflux of dibenzoylhydrazines. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 298, 40-7	4.6	7
112	ABCG1 and ABCG4 Suppress $\beta$ -Secretase Activity and Amyloid $\beta$ Production. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155400	3.7	24
111	Structure-activity relationships of dibenzoylhydrazines for the inhibition of P-glycoprotein-mediated quinidine transport. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 3184-91	3.4	5
110	ABCB4 exports phosphatidylcholine in a sphingomyelin-dependent manner. <i>Journal of Lipid Research</i> , <b>2015</b> , 56, 644-652	6.3	11
109	Neurite outgrowth stimulation by n-3 and n-6 PUFAs of phospholipids in apoE-containing lipoproteins secreted from glial cells. <i>Journal of Lipid Research</i> , <b>2015</b> , 56, 1880-90	6.3	16
108	Deficiency in the Lipid Exporter ABCA1 Impairs Retrograde Sterol Movement and Disrupts Sterol Sensing at the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 23464-77	5.4	43
107	Position 834 in TM6 plays an important role in cholesterol and phosphatidylcholine transport by ABCA1. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2015</b> , 79, 775-81	2.1	2
106	Selective elimination of human pluripotent stem cells by a marine natural product derivative. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 9798-801	16.4	22

105	Structural basis for gating mechanisms of a eukaryotic P-glycoprotein homolog. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 4049-54	11.5	134
104	A chemical probe that labels human pluripotent stem cells. <i>Cell Reports</i> , <b>2014</b> , 6, 1165-1174	10.6	34
103	The role of the interaction of the vinculin proline-rich linker region with vinexin in sensing the stiffness of the extracellular matrix. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 1875-86	5.3	35
102	Fomiroid A, a novel compound from the mushroom <i>Fomitopsis nigra</i> , inhibits NPC1L1-mediated cholesterol uptake via a mode of action distinct from that of ezetimibe. <i>PLoS ONE</i> , <b>2014</b> , 9, e116162	3.7	6
101	ABCA1, ABCG1, and ABCG4 are distributed to distinct membrane meso-domains and disturb detergent-resistant domains on the plasma membrane. <i>PLoS ONE</i> , <b>2014</b> , 9, e109886	3.7	27
100	Direct detection of ABCA1-dependent HDL formation based on lipidation-induced hydrophobicity change in apoA-I. <i>Journal of Lipid Research</i> , <b>2014</b> , 55, 2423-31	6.3	6
99	24(S)-hydroxycholesterol is actively eliminated from neuronal cells by ABCA1. <i>Journal of Neurochemistry</i> , <b>2013</b> , 126, 93-101	6	23
98	ATPase activity of nucleotide binding domains of human MDR3 in the context of MDR1. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2013</b> , 1831, 683-90	5	12
97	Substrate recognition by P-glycoprotein efflux transporters: Structure-ATPase activity relationship of diverse chemicals and agrochemicals. <i>Journal of Pesticide Sciences</i> , <b>2013</b> , 38, 112-122	2.7	4
96	Characterization of <i>Coptis japonica</i> CjABCB2, an ATP-binding cassette protein involved in alkaloid transport. <i>Phytochemistry</i> , <b>2013</b> , 91, 109-16	4	54
95	Cyclosporine A and PSC833 inhibit ABCA1 function via direct binding. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2013</b> , 1831, 398-406	5	27
94	ATPase activity of human ABCG1 is stimulated by cholesterol and sphingomyelin. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 496-502	6.3	34
93	ABCA1 dimer-monomer interconversion during HDL generation revealed by single-molecule imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 5034-9	11.5	76
92	The effects of neurological disorder-related codon variations of ABCA13 on the function of the ABC protein. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2012</b> , 76, 2289-93	2.1	9
91	Lysine residues of ABCA1 are required for the interaction with apoA-I. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2012</b> , 1821, 530-5	5	18
90	ATP hydrolysis-dependent conformational changes in the extracellular domain of ABCA1 are associated with apoA-I binding. <i>Journal of Lipid Research</i> , <b>2012</b> , 53, 126-36	6.3	36
89	Involvement of low-density lipoprotein receptor-related protein and ABCG1 in stimulation of axonal extension by apoE-containing lipoproteins. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2011</b> , 1811, 31-8	5	25
88	Function and regulation of ABCA1--membrane meso-domain organization and reorganization. <i>FEBS Journal</i> , <b>2011</b> , 278, 3190-203	5.7	42

87	ABC proteins protect the human body and maintain optimal health. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2011</b> , 75, 401-9	2.1	58
86	Liver X receptor beta (LXRbeta) interacts directly with ATP-binding cassette A1 (ABCA1) to promote high density lipoprotein formation during acute cholesterol accumulation. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 20117-24	5.4	31
85	ABCA1-Mediated HDL Formation: Mechanism and Regulation <b>2011</b> , 29-51		
84	Lipid outward translocation by ABC proteins. <i>FEBS Letters</i> , <b>2010</b> , 584, 2717-23	3.8	44
83	Crucial role of vinexin for keratinocyte migration in vitro and epidermal wound healing in vivo. <i>Experimental Cell Research</i> , <b>2010</b> , 316, 1728-38	4.2	24
82	Formation of two intramolecular disulfide bonds is necessary for ApoA-I-dependent cholesterol efflux mediated by ABCA1. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 11293-300	5.4	37
81	Sodium taurocholate-dependent lipid efflux by ABCA1: effects of W590S mutation on lipid translocation and apolipoprotein A-I dissociation. <i>Journal of Lipid Research</i> , <b>2009</b> , 50, 1165-72	6.3	41
80	Retroendocytosis pathway of ABCA1/apoA-I contributes to HDL formation. <i>Genes To Cells</i> , <b>2009</b> , 14, 191-204	2.3	56
79	Functional role of the linker region in purified human P-glycoprotein. <i>FEBS Journal</i> , <b>2009</b> , 276, 3504-16	5.7	39
78	The COP9 signalosome controls ubiquitinylation of ABCA1. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 382, 145-8	3.4	23
77	Improved expression and purification of human multidrug resistance protein MDR1 from baculovirus-infected insect cells. <i>Protein Expression and Purification</i> , <b>2009</b> , 66, 7-14	2	10
76	A novel missense mutation of ABCA1 in transmembrane alpha-helix in a Japanese patient with Tangier disease. <i>Atherosclerosis</i> , <b>2009</b> , 206, 216-22	3.1	7
75	Formation of cholesterol-enriched structures by aberrant intracellular accumulation of ATP-binding cassette transporter A1. <i>Genes To Cells</i> , <b>2008</b> , 13, 889-904	2.3	7
74	The ABCA1 Q597R mutant undergoes trafficking from the ER upon ER stress. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 369, 1174-8	3.4	15
73	Direct interaction of nuclear liver X receptor-beta with ABCA1 modulates cholesterol efflux. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 30057-63	5.4	56
72	Cholesterol and plant sterol efflux from cultured intestinal epithelial cells is mediated by ATP-binding cassette transporters. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2007</b> , 71, 1886-95	2.1	34
71	Bile salt-dependent efflux of cellular phospholipids mediated by ATP binding cassette protein B4. <i>Hepatology</i> , <b>2007</b> , 46, 188-99	11.2	67
70	Mechanism of multidrug recognition by MDR1/ABCB1. <i>Cancer Science</i> , <b>2007</b> , 98, 1303-10	6.9	113

69	Cholesterol fill-in model: mechanism for substrate recognition by ABC proteins. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2007</b> , 39, 447-52	3.7	19
68	Enhanced apoA-I-dependent cholesterol efflux by ABCA1 from sphingomyelin-deficient Chinese hamster ovary cells. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 14868-74	5.4	57
67	Sphingomyelin-dependence of cholesterol efflux mediated by ABCG1. <i>Journal of Lipid Research</i> , <b>2007</b> , 48, 2377-84	6.3	53
66	Modulation of drug-stimulated ATPase activity of human MDR1/P-glycoprotein by cholesterol. <i>Biochemical Journal</i> , <b>2007</b> , 401, 597-605	3.8	92
65	Human MDR1 and MRP1 recognize berberine as their transport substrate. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2007</b> , 71, 242-5	2.1	37
64	Efflux of sphingomyelin, cholesterol, and phosphatidylcholine by ABCG1. <i>Journal of Lipid Research</i> , <b>2006</b> , 47, 1791-802	6.3	149
63	Purification and ATPase activity of human ABCA1. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 10760-8	5.4	83
62	Characterization and classification of ATP-binding cassette transporter ABCA3 mutants in fatal surfactant deficiency. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 34503-14	5.4	97
61	ABCA7, a molecule with unknown function. <i>FEBS Letters</i> , <b>2006</b> , 580, 1178-82	3.8	32
60	Abl kinase interacts with and phosphorylates vinexin. <i>FEBS Letters</i> , <b>2006</b> , 580, 4288-95	3.8	19
59	Role of interaction with vinculin in recruitment of vinexins to focal adhesions. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 336, 239-46	3.4	29
58	Cloning of ABCA17, a novel rodent sperm-specific ABC (ATP-binding cassette) transporter that regulates intracellular lipid metabolism. <i>Biochemical Journal</i> , <b>2005</b> , 389, 577-85	3.8	28
57	Detection of ABCA7-positive cells in salivary glands from patients with Sjögren's syndrome. <i>Pathology International</i> , <b>2005</b> , 55, 639-43	1.8	13
56	ABC proteins: key molecules for lipid homeostasis. <i>Medical Molecular Morphology</i> , <b>2005</b> , 38, 2-12	2.3	75
55	Heterogeneity of high density lipoprotein generated by ABCA1 and ABCA7. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 1703-11	6.3	57
54	ATP hydrolysis-dependent multidrug efflux transporter: MDR1/P-glycoprotein. <i>Current Drug Metabolism</i> , <b>2004</b> , 5, 1-10	3.5	39
53	Extracellular signal-regulated kinase activated by epidermal growth factor and cell adhesion interacts with and phosphorylates vinexin. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 34570-7	5.4	39
52	Human ABCA7 supports apolipoprotein-mediated release of cellular cholesterol and phospholipid to generate high density lipoprotein. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 604-11	5.4	135

51	Alpha1-syntrophin modulates turnover of ABCA1. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 15091-5	5.4	95
50	Microanalysis for MDR1 ATPase by high-performance liquid chromatography with a titanium dioxide column. <i>Analytical Biochemistry</i> , <b>2004</b> , 326, 262-6	3.1	40
49	Human ABCA3, a product of a responsible gene for abca3 for fatal surfactant deficiency in newborns, exhibits unique ATP hydrolysis activity and generates intracellular multilamellar vesicles. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 324, 262-8	3.4	65
48	Red Blood Cells Facilitate Reverse Cholesterol Transport.. <i>Blood</i> , <b>2004</b> , 104, 1589-1589	2.2	1
47	Effects of mutations of ABCA1 in the first extracellular domain on subcellular trafficking and ATP binding/hydrolysis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 8815-9	5.4	104
46	Application of vanadate-induced nucleotide trapping to plant cells for detection of ABC proteins. <i>Plant and Cell Physiology</i> , <b>2003</b> , 44, 198-200	4.9	13
45	THE SULFONYLUREA RECEPTOR: AN ABCC TRANSPORTER THAT ACTS AS AN ION CHANNEL REGULATOR <b>2003</b> , 551-575		6
44	Posttranscriptional regulation of human ABCA7 and its function for the apoA-I-dependent lipid release. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 311, 313-8	3.4	60
43	Effect of cisplatin treatment on speckled distribution of a serine/arginine-rich nuclear protein CROP/Luc7A. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 301, 324-9	3.4	16
42	Involvement of CjMDR1, a plant multidrug-resistance-type ATP-binding cassette protein, in alkaloid transport in <i>Coptis japonica</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 751-6	11.5	220
41	Vinexin, CAP/ponsin, ArgBP2: a novel adaptor protein family regulating cytoskeletal organization and signal transduction. <i>Cell Structure and Function</i> , <b>2002</b> , 27, 1-7	2.2	160
40	Trafficking and functional defects by mutations of the ATP-binding domains in MRP2 in patients with Dubin-Johnson syndrome. <i>Hepatology</i> , <b>2002</b> , 36, 1236-45	11.2	90
39	Mutations in the linker domain of NBD2 of SUR inhibit transduction but not nucleotide binding. <i>EMBO Journal</i> , <b>2002</b> , 21, 4250-8	13	24
38	ATP binding/hydrolysis by and phosphorylation of peroxisomal ATP-binding cassette proteins PMP70 (ABCD3) and adrenoleukodystrophy protein (ABCD1). <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 40142-7	5.4	47
37	Dominant expression of ATP-binding cassette transporter-1 on basolateral surface of Caco-2 cells stimulated by LXR/RXR ligands. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 296, 625-30 <sup>3.4</sup>		59
36	Reversal of drug resistance mediated by multidrug resistance protein (MRP) 1 by dual effects of agosterol A on MRP1 function. <i>International Journal of Cancer</i> , <b>2001</b> , 93, 107-13	7.5	57
35	Human ABCA1 contains a large amino-terminal extracellular domain homologous to an epitope of Sjögren's Syndrome. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 283, 1019-25	3.4	88
34	Different binding properties and affinities for ATP and ADP among sulfonylurea receptor subtypes, SUR1, SUR2A, and SUR2B. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 28757-63	5.4	115

33	Functional analysis of a mutant sulfonylurea receptor, SUR1-R1420C, that is responsible for persistent hyperinsulinemic hypoglycemia of infancy. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 41184-91	5-4	33
32	Nonequivalent nucleotide trapping in the two nucleotide binding folds of the human multidrug resistance protein MRP1. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 17626-30	5-4	85
31	Direct photoaffinity labeling of Kir6.2 by [ $\gamma$ -(32)P]ATP-[ $\gamma$ ]4-azidoanilide. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 272, 316-9	3-4	35
30	CROP/Luc7A, a novel serine/arginine-rich nuclear protein, isolated from cisplatin-resistant cell line. <i>FEBS Letters</i> , <b>2000</b> , 465, 153-6	3-8	25
29	ATP binding properties of the nucleotide-binding folds of SUR1. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 37479-82	5-4	79
28	Vinexin forms a signaling complex with Sos and modulates epidermal growth factor-induced c-Jun N-terminal kinase/stress-activated protein kinase activities. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 35933-7	5-4	38
27	Direct photoaffinity labeling of the Kir6.2 subunit of the ATP-sensitive K <sup>+</sup> channel by 8-azido-ATP. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 3931-3	5-4	85
26	NEM modification prevents high-affinity ATP binding to the first nucleotide binding fold of the sulphonylurea receptor, SUR1. <i>FEBS Letters</i> , <b>1999</b> , 458, 292-4	3-8	8
25	Comparative aspects of the function and mechanism of SUR1 and MDR1 proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1999</b> , 1461, 305-13	3-8	47
24	Inhibitory effects of a cyclosporin derivative, SDZ PSC 833, on transport of doxorubicin and vinblastine via human P-glycoprotein. <i>Japanese Journal of Cancer Research</i> , <b>1998</b> , 89, 1220-8		46
23	Non-equivalent cooperation between the two nucleotide-binding folds of P-glycoprotein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1998</b> , 1373, 131-6	3-8	33
22	MgADP antagonism to Mg <sup>2+</sup> -independent ATP binding of the sulfonylurea receptor SUR1. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 22983-6	5-4	134
21	MDR 1/P-glycoprotein: An Efflux Pump of Lipophilic Xenobiotics. <i>Nippon Nogeikagaku Kaishi</i> , <b>1997</b> , 71, 785-788		
20	Alteration of substrate specificity by mutations at the His61 position in predicted transmembrane domain 1 of human MDR1/P-glycoprotein. <i>Biochemistry</i> , <b>1997</b> , 36, 8883-9	3-2	57
19	Anti-cancer drugs and glutathione stimulate vanadate-induced trapping of nucleotide in multidrug resistance-associated protein (MRP). <i>FEBS Letters</i> , <b>1997</b> , 401, 11-4	3-8	93
18	Amino acid substitutions in the first transmembrane domain (TM1) of P-glycoprotein that alter substrate specificity. <i>FEBS Letters</i> , <b>1997</b> , 413, 142-6	3-8	23
17	Aureobasidin A, an antifungal cyclic depsipeptide antibiotic, is a substrate for both human MDR1 and MDR2/P-glycoproteins. <i>FEBS Letters</i> , <b>1996</b> , 399, 29-32	3-8	43
16	Effect of cyclosporin analogues and FK506 on transcellular transport of daunorubicin and vinblastine via P-glycoprotein. <i>Pharmaceutical Research</i> , <b>1996</b> , 13, 1073-7	4-5	24



15	Functional expression of human P-glycoprotein in <i>Schizosaccharomyces pombe</i> . <i>FEBS Letters</i> , <b>1993</b> , 330, 279-82	3.8	25
14	P-glycoprotein-mediated transcellular transport of MDR-reversing agents. <i>FEBS Letters</i> , <b>1993</b> , 324, 99-102	3.8	68
13	Heat-shock responsive elements in the induction of the multidrug resistance gene (MDR1). <i>FEBS Letters</i> , <b>1992</b> , 301, 37-40	3.8	64
12	Quercetin, a bioflavonoid, inhibits the increase of human multidrug resistance gene (MDR1) expression caused by arsenite. <i>FEBS Letters</i> , <b>1992</b> , 301, 307-9	3.8	48
11	Primer-dependent amplification of <i>mdr1</i> mRNA by polymerase chain reaction. <i>Japanese Journal of Cancer Research</i> , <b>1992</b> , 83, 131-3		18
10	Preparation and characterization of a murine monoclonal antibody (MDR3M) reactive with <i>mdr3</i> gene product. <i>Japanese Journal of Cancer Research</i> , <b>1992</b> , 83, 795-7		4
9	Expression of Human P-Glycoprotein in Yeast Cells Effects of Membrane Component Sterols on the Activity of P-Glycoprotein. <i>Agricultural and Biological Chemistry</i> , <b>1991</b> , 55, 1859-1865		
8	Expression of Human P-Glycoprotein in Yeast Cells. Effects of Membrane Component Sterols on the Activity of P-Glycoprotein.. <i>Agricultural and Biological Chemistry</i> , <b>1991</b> , 55, 1859-1865		18
7	Different drug sensitivity in two neuroblastoma cell lines established from the same patient before and after chemotherapy. <i>International Journal of Cancer</i> , <b>1991</b> , 47, 732-7	7.5	37
6	Production of a Site Specifically Cleavable P-Glycoprotein- $\beta$ -galactosidase Fusion Protein. <i>Agricultural and Biological Chemistry</i> , <b>1991</b> , 55, 1075-1080		
5	In situ localization of the human multidrug-resistance gene mRNA using thymine-thymine dimerized single-stranded cDNA. <i>Japanese Journal of Cancer Research</i> , <b>1990</b> , 81, 949-55		11
4	Detection of multidrug resistance (MDR1) gene RNA expression in human tumors by a sensitive ribonuclease protection assay. <i>Japanese Journal of Cancer Research</i> , <b>1989</b> , 80, 1127-32		26
3	P-glycoprotein gene (MDR1) cDNA from human adrenal: normal P-glycoprotein carries Gly185 with an altered pattern of multidrug resistance. <i>Biochemical and Biophysical Research Communications</i> , <b>1989</b> , 162, 224-31	3.4	171
2	The <i>mdr1</i> gene, responsible for multidrug-resistance, codes for P-glycoprotein. <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 141, 956-62	3.4	350
1	Internal duplication and homology with bacterial transport proteins in the <i>mdr1</i> (P-glycoprotein) gene from multidrug-resistant human cells. <i>Cell</i> , <b>1986</b> , 47, 381-9	56.2	1743