

# Daisuke Kobayashi

## List of Publications by Year in descending order

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29  
papers

1,813  
citations

331538

21  
h-index

454834

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of Human Organic Anion Transporting Polypeptide OATP-B (SLC21A9) in pH-Dependent Transport across Intestinal Apical Membrane. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 703-708.	1.3	388
2	Molecular and Functional Characterization of Organic Cation/Carnitine Transporter Family in Mice. <i>Journal of Biological Chemistry</i> , 2000, 275, 40064-40072.	1.6	268
3	Na <sup>+</sup> -coupled transport of l-carnitine via high-affinity carnitine transporter OCTN2 and its subcellular localization in kidney. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1512, 273-284.	1.4	137
4	Review of Ginkgo biloba-induced toxicity, from experimental studies to human case reports. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2017, 35, 1-28.	2.9	110
5	Involvement of OCTN1 (SLC22A4) in pH-Dependent Transport of Organic Cations. <i>Molecular Pharmaceutics</i> , 2004, 1, 57-66.	2.3	99
6	INVOLVEMENT OF URIC ACID TRANSPORTER IN INCREASED RENAL CLEARANCE OF THE XANTHINE OXIDASE INHIBITOR OXYPURINOL INDUCED BY A URICOSURIC AGENT, BENZBROMARONE. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1791-5.	1.7	80
7	Organic Cation/Carnitine Transporter OCTN2 (Slc22a5) Is Responsible for Carnitine Transport across Apical Membranes of Small Intestinal Epithelial Cells in Mouse. <i>Molecular Pharmacology</i> , 2006, 70, 829-837.	1.0	78
8	Expression and Functional Characterization of the Adhesion Molecule Spermatogenic Immunoglobulin Superfamily in the Mouse Testis1. <i>Biology of Reproduction</i> , 2003, 68, 1755-1763.	1.2	74
9	Importance of $\beta$ -carotene 15,15-monooxygenase 1 (BCMO1) and $\beta$ -carotene 9,10-dioxygenase 2 (BCDO2) in nutrition and health. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 241-250.	1.5	68
10	Toxicity of 4-O-methylpyridoxine-5-glucoside in Ginkgo biloba seeds. <i>Food Chemistry</i> , 2011, 126, 1198-1204.	1.2	46
11	Enhanced Intestinal Absorption of Drugs by Activation of Peptide Transporter PEPT1 Using Proton-Releasing Polymer. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 2208-2216.	1.6	45
12	Mechanism of the Regulation of Organic Cation/Carnitine Transporter 1 (SLC22A4) by Rheumatoid Arthritis-Associated Transcriptional Factor RUNX1 and Inflammatory Cytokines. <i>Drug Metabolism and Disposition</i> , 2007, 35, 394-401.	1.7	45
13	l-arginine import via cationic amino acid transporter CAT1 is essential for both differentiation and proliferation of erythrocytes. <i>Blood</i> , 2006, 107, 1352-1356.	0.6	43
14	Transport of carnitine and acetylcarnitine by carnitine/organic cation transporter (OCTN) 2 and OCTN3 into epididymal spermatozoa. <i>Reproduction</i> , 2007, 134, 651-658.	1.1	39
15	Expression of organic cation transporter OCTN1 in hematopoietic cells during erythroid differentiation. <i>Experimental Hematology</i> , 2004, 32, 1156-1162.	0.2	38
16	OCTN2-mediated transport of carnitine in isolated Sertoli cells. <i>Reproduction</i> , 2005, 129, 729-736.	1.1	30
17	Decreased Proliferation and Erythroid Differentiation of K562 Cells by siRNA-induced Depression of OCTN1 (SLC22A4) Transporter Gene. <i>Pharmaceutical Research</i> , 2007, 24, 1628-1635.	1.7	30
18	High Performance Liquid Chromatographic Determination of Ginkgotoxin and Ginkgotoxin-5-glucoside in Ginkgo Biloba Seeds. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 605-616.	0.5	27

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19	Transport of Organic Cations across the Blood-Testis Barrier. <i>Molecular Pharmaceutics</i> , 2007, 4, 600-607.	2.3	24
20	Evaluation of synthesized coumarin derivatives on aromatase inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2645-2649.	1.0	24
21	Decrease in pyridoxal-5-phosphate concentration and increase in pyridoxal concentration in rat plasma by 4-O-methylpyridoxine administration. <i>Nutrition Research</i> , 2015, 35, 637-642.	1.3	23
22	Hepatic uptake of $\beta$ -butyrobetaine, a precursor of carnitine biosynthesis, in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, G681-G686.	1.6	21
23	Pyridoxal 5-phosphate and related metabolites in hypophosphatasia: Effects of enzyme replacement therapy. <i>Molecular Genetics and Metabolism</i> , 2018, 125, 174-180.	0.5	18
24	Concentrations of various forms of vitamin B6 in ginkgo seed poisoning. <i>Brain and Development</i> , 2019, 41, 292-295.	0.6	17
25	Carnitine/organic cation transporter OCTN2-mediated transport of carnitine in primary-cultured epididymal epithelial cells. <i>Reproduction</i> , 2005, 130, 931-937.	1.1	15
26	Regulation of testis-specific carnitine transporter ( <i>octn3</i> ) gene by proximal cis-acting elements Sp1 in mice. <i>Biochemical Pharmacology</i> , 2005, 70, 858-868.	2.0	11
27	An Adult Case of Generalized Convulsions Caused by the Ingestion of <i>Ginkgo biloba</i> Seeds with Alcohol. <i>Internal Medicine</i> , 2020, 59, 1555-1558.	0.3	4
28	A case of Ginkgo seed poisoning in a healthy adult. <i>Nihon Kyukyu Igakukai Zasshi</i> , 2010, 21, 956-960.	0.0	3
29	ENZYME IMMUNOASSAY FOR CONJUGATED $\beta$ -HYDROXY-3-OXO-4-CHOLENOIC ACID IN HUMAN URINE. <i>Journal of Immunoassay and Immunochemistry</i> , 2001, 22, 1-13.	0.5	1