

# Hiroshi Nakagawa

## List of Publications by Year in descending order

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36  
papers

1,537  
citations

394421

19  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of hydrogen peroxide primarily contributes to the induction of Fe(II)-dependent apoptosis in Jurkat cells by (-)-epigallocatechin gallate. <i>Carcinogenesis</i> , 2004, 25, 1567-1574.	2.8	216
2	Fenton Reaction Is Primarily Involved in a Mechanism of (âˆ“)Epigallocatechin-3-gallate to Induce Osteoclastic Cell Death. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 94-101.	2.1	149
3	Major SNP (Q141K) Variant of Human ABC Transporter ABCG2 Undergoes Lysosomal and Proteasomal Degradations. <i>Pharmaceutical Research</i> , 2009, 26, 469-479.	3.5	142
4	Functional Validation of the Genetic Polymorphisms of Human ATP-Binding Cassette (ABC) Transporter ABCG2: Identification of Alleles That Are Defective in Porphyrin Transport. <i>Molecular Pharmacology</i> , 2006, 70, 287-296.	2.3	132
5	Quercetin Suppresses Bone Resorption by Inhibiting the Differentiation and Activation of Osteoclasts. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 504-509.	1.4	107
6	Earwax, osmidrosis, and breast cancer: why does one SNP (538G>A) in the human ABC transporter ABCC11 gene determine earwax type?. <i>FASEB Journal</i> , 2009, 23, 2001-2013.	0.5	83
7	Nrf2-dependent and -independent induction of ABC transporters ABCC1, ABCC2, and ABCG2 in HepG2 cells under oxidative stress. <i>Journal of Experimental Therapeutics and Oncology</i> , 2007, 6, 335-48.	0.5	82
8	Disruption of Nâ€linked glycosylation enhances ubiquitinâ€mediated proteasomal degradation of the human ATPâ€binding cassette transporter ABCG2. <i>FEBS Journal</i> , 2009, 276, 7237-7252.	4.7	78
9	Ubiquitin-mediated proteasomal degradation of non-synonymous SNP variants of human ABC transporter ABCG2. <i>Biochemical Journal</i> , 2008, 411, 623-631.	3.7	63
10	Pharmacogenomics of the human ABC transporter ABCG2: from functional evaluation to drug molecular design. <i>Die Naturwissenschaften</i> , 2005, 92, 451-463.	1.6	50
11	Molecular modeling of new camptothecin analogues to circumvent ABCG2-mediated drug resistance in cancer. <i>Cancer Letters</i> , 2006, 234, 81-89.	7.2	47
12	Identification of cysteine residues critically involved in homodimer formation and protein expression of human ATP-binding cassette transporter ABCG2: a new approach using the flp recombinase system. <i>Journal of Experimental Therapeutics and Oncology</i> , 2006, 5, 205-22.	0.5	47
13	Biopiracy of natural products and good bioprospecting practice. <i>Phytomedicine</i> , 2016, 23, 166-173.	5.3	41
14	Nitensidine A, a guanidine alkaloid from <i>Pterogyne nitens</i> , is a novel substrate for human ABC transporter ABCB1. <i>Phytomedicine</i> , 2014, 21, 323-332.	5.3	33
15	Identification of two biologically crucial hydroxyl groups of (âˆ“)epigallocatechin gallate in osteoclast culture. <i>Biochemical Pharmacology</i> , 2007, 73, 34-43.	4.4	29
16	Ubiquitin-Mediated Proteasomal Degradation of ABC Transporters: a New Aspect of Genetic Polymorphisms and Clinical Impacts. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3602-3619.	3.3	28
17	ABCB1 polymorphism is associated with atorvastatin-induced liver injury in Japanese population. <i>BMC Genetics</i> , 2016, 17, 79.	2.7	25
18	Genetic polymorphisms of human ABC transporter ABCG2: development of the standard method for functional validation of SNPs by using the Flp recombinase system. <i>Journal of Experimental Therapeutics and Oncology</i> , 2006, 6, 1-11.	0.5	24

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19	Diagnosis of Human Axillary Osmidrosis by Genotyping of the Human <i>ABCC11</i> Gene: Clinical Practice and Basic Scientific Evidence. <i>BioMed Research International</i> , 2016, 2016, 1-9.	1.9	20
20	Clinical and Molecular Evidence of <i>ABCC11</i> Protein Expression in Axillary Apocrine Glands of Patients with Axillary Osmidrosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 417.	4.1	19
21	A Human ABC Transporter <i>ABCC4</i> Gene SNP (rs11568658, 559 G > T, G187W) Reduces <i>ABCC4</i> -Dependent Drug Resistance. <i>Cells</i> , 2019, 8, 39.	4.1	18
22	Quantitative Evaluation of Drug Resistance Profile of Cells Expressing Wild-Type or Genetic Polymorphic Variants of the Human ABC Transporter <i>ABCC4</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 1435.	4.1	14
23	Biopiracy versus One-World Medicine—From colonial relicts to global collaborative concepts. <i>Phytomedicine</i> , 2019, 53, 319-331.	5.3	13
24	Solid-Phase Combinatorial Synthesis and Biological Evaluation of Destruxin E Analogues. <i>Chemistry - A European Journal</i> , 2015, 21, 18417-18430.	3.3	11
25	Production of Cells with Targeted Integration of Gene Variants of Human ABC Transporter for Stable and Regulated Expression Using the Flp Recombinase System. <i>Methods in Molecular Biology</i> , 2010, 648, 139-159.	0.9	11
26	Epimagnolin A, a tetrahydrofurofuranoid lignan from <i>Magnolia fargesii</i> , reverses <i>ABCB1</i> -mediated drug resistance. <i>Phytomedicine</i> , 2018, 51, 112-119.	5.3	9
27	Combinatorial Solid-Phase Synthesis and Biological Evaluation of Cyclodepsipeptide Destruxin B as a Negative Regulator for Osteoclast Morphology. <i>ACS Combinatorial Science</i> , 2016, 18, 590-595.	3.8	7
28	A functional single nucleotide polymorphism in <i>ABCC11</i> , rs17822931, is associated with the risk of breast cancer in Japanese. <i>Carcinogenesis</i> , 2019, 40, 537-543.	2.8	7
29	Human <i>ABCB1</i> confers cells resistance to cytotoxic guanidine alkaloids from <i>Pterogyne nitens</i> . <i>Bio-Medical Materials and Engineering</i> , 2015, 25, 249-256.	0.6	6
30	Nitensidine A, a guanidine alkaloid from <i>Pterogyne nitens</i> , induces osteoclastic cell death. <i>Cytotechnology</i> , 2015, 67, 585-592.	1.6	5
31	Impact of Q141K on the Transport of Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors by <i>ABCG2</i> . <i>Cells</i> , 2019, 8, 763.	4.1	5
32	Gefitinib Enhances the Antitumor Activity of CPT-11 in vitro and in vivo by Inhibiting <i>ABCG2</i> but Not <i>ABCB1</i> : A New Clue to Circumvent Gastrointestinal Toxicity Risk. <i>Chemotherapy</i> , 2013, 59, 260-272.	1.6	4
33	Are human ATP-binding cassette transporter C11 and earwax associated with the incidence of cholesteatoma?. <i>Medical Hypotheses</i> , 2018, 114, 19-22.	1.5	4
34	Parallel Synthesis and Biological Evaluation of Destruxin E Analogs Modified with a Side Chain in the $\beta$ -Hydroxycarboxylic Acid Moiety. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1669-1676.	2.4	4
35	Role of phlebotomy in the treatment of liver damage related to erythropoietic porphyria. <i>Scientific Reports</i> , 2022, 12, 6100.	3.3	4
36	Association Between Earwax-Determinant Genotypes and Acquired Middle Ear Cholesteatoma in a Japanese Population. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, , 019459982110003.	1.9	0