

# Tatsuhiko Furukawa

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,132  
citations

279798

23  
h-index

233421

45  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiogenic activity of enzymes. <i>Nature</i> , 1994, 368, 198-198.	27.8	303
2	Angiogenic factor. <i>Nature</i> , 1992, 356, 668-668.	27.8	287
3	Thymidine Phosphorylase Activity Associated with Platelet-Derived Endothelial Cell Growth Factor1. <i>Journal of Biochemistry</i> , 1993, 114, 9-14.	1.7	119
4	The role of thymidine phosphorylase, an angiogenic enzyme, in tumor progression. <i>Cancer Science</i> , 2004, 95, 851-857.	3.9	92
5	A Heparin Binding Protein Whose Expression Increases during Differentiation of Embryonal Carcinoma Cells to Parietal Endoderm Cells: cDNA Cloning and Sequence Analysis1. <i>Journal of Biochemistry</i> , 1990, 108, 297-302.	1.7	68
6	Reduction of MLH1 and PMS2 confers temozolomide resistance and is associated with recurrence of glioblastoma. <i>Oncotarget</i> , 2013, 4, 2261-2270.	1.8	67
7	Inhibition of Metastasis of Tumor Cells Overexpressing Thymidine Phosphorylase by 2-Deoxy-L-Ribose. <i>Cancer Research</i> , 2004, 64, 1794-1801.	0.9	61
8	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> , 2001, 93, 107-113.	5.1	59
9	Design and synthesis of prostate cancer antigen-1 (PCA-1/ALKBH3) inhibitors as anti-prostate cancer drugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1071-1074.	2.2	58
10	Glutathione-dependent Binding of a Photoaffinity Analog of Agosterol A to the C-terminal Half of Human Multidrug Resistance Protein. <i>Journal of Biological Chemistry</i> , 2001, 276, 23197-23206.	3.4	56
11	Targeted Deletion of Both Thymidine Phosphorylase and Uridine Phosphorylase and Consequent Disorders in Mice. <i>Molecular and Cellular Biology</i> , 2002, 22, 5212-5221.	2.3	55
12	Copper-Transporting P-Type ATPase, ATP7A, Confers Multidrug Resistance and Its Expression Is Related to Resistance to SN-38 in Clinical Colon Cancer. <i>Cancer Research</i> , 2007, 67, 4860-4868.	0.9	52
13	Copper Transport Systems are Involved in Multidrug Resistance and Drug Transport. <i>Current Medicinal Chemistry</i> , 2008, 15, 3268-3278.	2.4	51
14	mRNA Therapy Improves Metabolic and Behavioral Abnormalities in a Murine Model of Citrin Deficiency. <i>Molecular Therapy</i> , 2019, 27, 1242-1251.	8.2	47
15	Ribonucleotide reductase is an effective target to overcome gemcitabine resistance in gemcitabine-resistant pancreatic cancer cells with dual resistant factors. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 319-325.	2.5	45
16	Thymidine Catabolism as a Metabolic Strategy for Cancer Survival. <i>Cell Reports</i> , 2017, 19, 1313-1321.	6.4	43
17	Suppression of thymidine phosphorylase-mediated angiogenesis and tumor growth by 2-deoxy-L-ribose. <i>Cancer Research</i> , 2002, 62, 2834-9.	0.9	42
18	Expression of the multidrug transporter, P-glycoprotein, in renal and transitional cell carcinomas. <i>Cancer</i> , 1993, 71, 3611-3619.	4.1	41

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19	Expression of the multidrug-resistance-associated protein (MRP) gene in human colorectal, gastric and non-small-cell lung carcinomas. , 1996, 66, 274-279.		41
20	Overexpression of survivin in primary ATL cells and sodium arsenite induces apoptosis by down-regulating survivin expression in ATL cell lines. Blood, 2006, 107, 4880-4887.	1.4	39
21	The expression of multidrug resistance protein in human gastrointestinal tract carcinomas. Cancer, 1998, 82, 661-666.	4.1	34
22	MicroRNA-130b functions as an oncomiRNA in non-small cell lung cancer by targeting tissue inhibitor of metalloproteinase-2. Scientific Reports, 2019, 9, 6956.	3.3	34
23	High filamin-C expression predicts enhanced invasiveness and poor outcome in glioblastoma multiforme. British Journal of Cancer, 2019, 120, 819-826.	6.4	28
24	Filamin C promotes lymphatic invasion and lymphatic metastasis and increases cell motility by regulating Rho GTPase in esophageal squamous cell carcinoma. Oncotarget, 2017, 8, 6353-6363.	1.8	26
25	Thymidine phosphorylase in cancer aggressiveness and chemoresistance. Pharmacological Research, 2018, 132, 15-20.	7.1	24
26	Thymidine phosphorylase activates NF $\kappa$ B and stimulates the expression of angiogenic and metastatic factors in human cancer cells. Oncotarget, 2014, 5, 10473-10485.	1.8	21
27	Functional Comparison between YCF1 and MRP1 Expressed in Sf21 Insect Cells. Biochemical and Biophysical Research Communications, 2000, 270, 608-615.	2.1	20
28	Thymidine phosphorylase enhances reactive oxygen species generation and interleukin-8 expression in human cancer cells. Oncology Reports, 2012, 28, 895-902.	2.6	19
29	Okadaic acid is taken-up into the cells mediated by human hepatocytes transporter OATP1B3. Food and Chemical Toxicology, 2015, 83, 229-236.	3.6	19
30	Combination of Hedgehog inhibitors and standard anticancer agents synergistically prevent osteosarcoma growth. International Journal of Oncology, 2016, 48, 235-242.	3.3	19
31	Expression of the multidrug resistance-associated protein (MRP) gene in urothelial carcinomas. , 1996, 69, 488-494.		18
32	Naringin attenuates the cytotoxicity of hepatotoxin microcystin-LR by the curious mechanisms to OATP1B1- and OATP1B3-expressing cells. Environmental Toxicology and Pharmacology, 2015, 39, 974-981.	4.0	17
33	2-Deoxy-L-ribose inhibits the invasion of thymidine phosphorylase-overexpressing tumors by suppressing matrix metalloproteinase-9. International Journal of Cancer, 2006, 119, 1710-1716.	5.1	16
34	Distinct Functions of the Two Protein Tyrosine Phosphatase Domains of LAR (Leukocyte Common) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 15, 271-280.	3.7	15
35	GSH Inhibits Trypsinization of the C-terminal Half of Human MRP1. Journal of Biological Chemistry, 2005, 280, 6231-6237.	3.4	14
36	Thymidine catabolism promotes NADPH oxidase-derived reactive oxygen species (ROS) signalling in KB and yumoto cells. Scientific Reports, 2018, 8, 6760.	3.3	14

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37	FARP1 boosts CDC42 activity from integrin $\alpha 5 \beta 1$ signaling and correlates with poor prognosis of advanced gastric cancer. <i>Oncogenesis</i> , 2020, 9, 13.	4.9	14
38	Expression of ABCB6 is related to resistance to 5-FU, SN-38 and vincristine. <i>Anticancer Research</i> , 2014, 34, 4767-73.	1.1	14
39	Inhibition of casein kinase 2 prevents growth of human osteosarcoma. <i>Oncology Reports</i> , 2017, 37, 1141-1147.	2.6	13
40	Formin-like 1 (FMNL1) Is Associated with Glioblastoma Multiforme Mesenchymal Subtype and Independently Predicts Poor Prognosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6355.	4.1	12
41	Oral aversion to dietary sugar, ethanol and glycerol correlates with alterations in specific hepatic metabolites in a mouse model of human citrin deficiency. <i>Molecular Genetics and Metabolism</i> , 2017, 120, 306-316.	1.1	10
42	ALKBH4 promotes tumorigenesis with a poor prognosis in non-small-cell lung cancer. <i>Scientific Reports</i> , 2021, 11, 8677.	3.3	10
43	ATP7B expression confers multidrug resistance through drug sequestration. <i>Oncotarget</i> , 2016, 7, 22779-22790.	1.8	10
44	MRP1 mutated in the L0 region transports SN-38 but not leukotriene C4 or estradiol-17 ( $\beta$ -d-glucuronate). <i>Biochemical Pharmacology</i> , 2005, 70, 1056-1065.	4.4	9
45	Localization of the GSH-dependent photolabelling site of an agosterol A analog on human MRP1. <i>British Journal of Pharmacology</i> , 2003, 138, 1553-1561.	5.4	8
46	Ceramide aminoethylphosphonate from jumbo flying squid <i>Dosidicus gigas</i> attenuates the toxicity of cyanotoxin microcystin-LR. <i>Fisheries Science</i> , 2013, 79, 313-320.	1.6	8
47	Eel green fluorescent protein is associated with resistance to oxidative stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 181-182, 35-39.	2.6	8
48	Pivotal role of inter-organ aspartate metabolism for treatment of mitochondrial aspartate-glutamate carrier 2 (citrin) deficiency, based on the mouse model. <i>Scientific Reports</i> , 2019, 9, 4179.	3.3	8
49	Development of a highly sensitive method for the quantitative analysis of modified nucleosides using UHPLC-UniSpray-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 197, 113943.	2.8	7
50	Cancer type $\alpha$ -SLCO1B3 promotes epithelial $\alpha$ -mesenchymal transition resulting in the tumour progression of non-small cell lung cancer. <i>Oncology Reports</i> , 2020, 45, 309-316.	2.6	7
51	5-Aza-2-deoxycytidine Enhances the Sensitivity of 5-Fluorouracil by Demethylation of the Thymidine Phosphorylase Promoter. <i>Anticancer Research</i> , 2019, 39, 4129-4136.	1.1	6
52	The histone deacetylase inhibitor LBH589 inhibits undifferentiated pleomorphic sarcoma growth via downregulation of <i>FOS</i> -like antigen 1. <i>Molecular Carcinogenesis</i> , 2019, 58, 234-246.	2.7	6
53	Microcystin-LR induces anoikis resistance to the hepatocyte uptake transporter OATP1B3-expressing cell lines. <i>Toxicology</i> , 2014, 326, 53-61.	4.2	5
54	Overexpression of carboxylesterase contributes to the attenuation of cyanotoxin microcystin-LR toxicity. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 194, 22-27.	2.6	5

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55	Continuous Cytostatic Effects of BCR-ABL Tyrosine Kinase Inhibitors (TKIs) after Washout in Human Leukemic K562 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1805-1813.	1.4	3
56	BHLHE41/DEC2 Expression Induces Autophagic Cell Death in Lung Cancer Cells and Is Associated with Favorable Prognosis for Patients with Lung Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11509.	4.1	3
57	ATP7B expression in human glioblastoma is related to temozolomide resistance. <i>Oncology Letters</i> , 2017, 14, 7777-7782.	1.8	1
58	Significance of Mitochondrial DNA Haplogroup on Epidermal Growth Factor Receptor Mutation in Japanese Patients With Lung Adenocarcinoma. <i>Anticancer Research</i> , 2021, 41, 3997-4004.	1.1	1
59	ANGI-06. FUNCTION OF FORMIN-LIKE 1 (FMNL1) IN GLIOBLASTOMA MULTIFORME. <i>Neuro-Oncology</i> , 2019, 21, vi31-vi31.	1.2	0
60	A novel isolation method for cancer prognostic factors via the p53 pathway by a combination of in vitro and in silico analyses. <i>Oncoscience</i> , 2018, 5, 88-98.	2.2	0
61	Combination of hydroxyurea and tranilast suppresses gemcitabine resistance induced by ribonucleotide reductase M1 in gemcitabine-resistant cells. <i>Oral Science International</i> , 2021, 18, 169-177.	0.7	0