Yoshihiro Uesawa

List of Publications by Year
in descending order

114	1,507	430442	500791
papers	citations	18 h-index	28 g-index

122	122	122	1395
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiviral and Antitumor Activity of Licorice Root Extracts. In Vivo, 2016, 30, 777-786.	0.6	70
2	Quantitative structureâ€“activity relationship analysis using deep learning based on a novel molecular image input technique. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3400-3403.	1.0	53
3	Effects of furanocoumarin derivatives in grapefruit juice on nifedipine pharmacokinetics in rats. , 2001, 18, 177-182.		47
4	Optimization of a Deep-Learning Method Based on the Classification of Images Generated by Parameterized Deep Snap a Novel Molecular-Image-Input Technique for Quantitative Structureâ€“Activity Relationship (QSAR) Analysis. Frontiers in Bioengineering and Biotechnology, 2019, 7, 65.	2.0	46
5	Analysis of factors associated with hiccups based on the Japanese Adverse Drug Event Report database. PLoS ONE, 2017, 12, e0172057.	1.1	45
6	Effects of cranberry juice on nifedipine pharmacokinetics in rats. Journal of Pharmacy and Pharmacology, 2010, 58, 1067-1072.	1.2	39
7	Prediction Model with High-Performance Constitutive Androstane Receptor (CAR) Using DeepSnap-Deep Learning Approach from the Tox21 10K Compound Library. International Journal of Molecular Sciences, 2019, 20, 4855.	1.8	39
8	The Use of Heat Treatment to Eliminate Drug Interactions Due to Grapefruit Juice. Biological and Pharmaceutical Bulletin, 2006, 29, 2274-2278.	0.6	37
9	Analyses of Respiratory Depression Associated with Opioids in Cancer Patients Based on the Japanese Adverse Drug Event Report Database. Biological and Pharmaceutical Bulletin, 2019, 42, 1185-1191.	0.6	35
10	Substrate Specificity of Human Hepatic Udpâ€Glucuronosyltransferases. Methods in Enzymology, 2005, 400, 46-57.	0.4	30
11	Comprehensive study on potent and selective carbonic anhydrase inhibitors: Synthesis, bioactivities and molecular modelling studies of 4-(3-(2-arylidenehydrazine-1-carbonyl)-5-(thiophen-2-yl)-1H-pyrazole-1-yl) benzenesulfonamides. European Journal of Medicinal Chemistry, 2021, 217, 113351.	2.6	30
12	Relationship between Lipophilicities of 1,4-Dihydropyridine Derivatives and Pharmacokinetic Interaction Strengths with Grapefruit Juice. Yakugaku Zasshi, 2008, 128, 117-122.	0.0	28
13	Enzymatic activities in the microsomes prepared from rat small intestinal epithelial cells by differential procedures. , 2001, 18, 1232-1236.		27
14	A Toxicity Prediction Tool for Potential Agonist/Antagonist Activities in Molecular Initiating Events Based on Chemical Structures. International Journal of Molecular Sciences, 2020, 21, 7853.	1.8	24
15	Hesperidin in orange juice reduces the absorption of celiprolol in rats. Biopharmaceutics and Drug Disposition, 2008, 29, 185-188.	1.1	23
16	2-Styrylchromone derivatives as potent and selective monoamine oxidase B inhibitors. Bioorganic Chemistry, 2019, 92, 103285.	2.0	23
17	Molecular Image-Based Prediction Models of Nuclear Receptor Agonists and Antagonists Using the DeepSnap-Deep Learning Approach with the Tox21 10K Library. Molecules, 2020, 25, 2764.	1.7	23
18	High-Performance Prediction of Human Estrogen Receptor Agonists Based on Chemical Structures. Molecules, 2017, 22, 675.	1.7	22

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19	Characterization of the Adverse Effects Induced by Acetaminophen and Nonsteroidal Anti-Inflammatory Drugs Based on the Analysis of the Japanese Adverse Drug Event Report Database. Clinical Journal of Pain, 2017, 33, 667-675.	0.8	21
20	3-(E)-Styryl-2H-chromene derivatives as potent and selective monoamine oxidase B inhibitors. Bioorganic Chemistry, 2018, 77, 436-442.	2.0	19
21	Recent Progress of Basic Studies of Natural Products and Their Dental Application. Medicines (Basel,) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	19
22	DeepSnap-Deep Learning Approach Predicts Progesterone Receptor Antagonist Activity With High Performance. Frontiers in Bioengineering and Biotechnology, 2020, 7, 485.	2.0	19
23	Predicting blood-to-plasma concentration ratios of drugs from chemical structures and volumes of distribution in humans. Molecular Diversity, 2021, 25, 1261-1270.	2.1	19
24	Evaluation of cytotoxiciy and tumor-specificity of licorice flavonoids based on chemical structure. Anticancer Research, 2013, 33, 3061-8.	0.5	19
25	Cytotoxicity, apoptosis, and QSAR studies of phenothiazine derived methoxylated chalcones as anticancer drug candidates. Medicinal Chemistry Research, 2018, 27, 2366-2378.	1.1	18
26	Pharmacovigilance Evaluation of Bendamustine-related Skin Disorders using the Japanese Adverse Drug Event Report Database. Journal of Pharmacy and Pharmaceutical Sciences, 2021, 24, 16-22.	0.9	18
27	Evaluation of antibiotic-induced taste and smell disorders using the FDA adverse event reporting system database. Scientific Reports, 2021, 11, 9625.	1.6	18
28	UV-Irradiated Grapefruit Juice Loses Pharmacokinetic Interaction with Nifedipine in Rats. Biological and Pharmaceutical Bulletin, 2006, 29, 1286-1289.	0.6	17
29	Comprehensive Study of the Risk Factors for Medication-Related Osteonecrosis of the Jaw Based on the Japanese Adverse Drug Event Report Database. Pharmaceuticals, 2020, 13, 467.	1.7	17
30	Prediction Model of Aryl Hydrocarbon Receptor Activation by a Novel QSAR Approach, DeepSnapâ€“Deep Learning. Molecules, 2020, 25, 1317.	1.7	17
31	Asp73-dependent and -independent regulation of the affinity of ligands for human histamine H1 receptors by Na+. Biochemical Pharmacology, 2017, 128, 46-54.	2.0	16
32	A nationwide survey of hospital pharmacist interventions to improve polypharmacy for patients with cancer in palliative care in Japan. Journal of Pharmaceutical Health Care and Sciences, 2019, 5, 14.	0.4	16
33	Evaluation of Cardiac Adverse Events Associated with Carfilzomib Using a Japanese Real-World Database. Oncology, 2022, 100, 60-64.	0.9	16
34	Quantitative structure-cytotoxicity relationship of 3-styrylchromones. Anticancer Research, 2014, 34, 5405-11.	0.5	16
35	Rigorous Selection of Random Forest Models for Identifying Compounds that Activate Toxicity-Related Pathways. Frontiers in Environmental Science, 2016, 4, .	1.5	15
36	Quantitative Structureâ€“Cytotoxicity Relationship of 2-Styrylchromones. Anticancer Research, 2019, 39, 6489-6498.	0.5	15

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37	Comprehensive Analysis of Chemotherapeutic Agents That Induce Infectious Neutropenia. Pharmaceuticals, 2021, 14, 681.	1.7	15
38	Development of Newly Synthesized Chromone Derivatives with High Tumor Specificity against Human Oral Squamous Cell Carcinoma. Medicines (Basel, Switzerland), 2020, 7, 50.	0.7	13
39	Prediction Model of Clearance by a Novel Quantitative Structureâ€“Activity Relationship Approach, Combination DeepSnap-Deep Learning and Conventional Machine Learning. ACS Omega, 2021, 6, 23570-23577.	1.6	13
40	Quantitative Structure-Cytotoxicity Relationship of Oleoylamides. Anticancer Research, 2015, 35, 5341-51.	0.5	13
41	Quantitative Structureâ€“Cytotoxicity Relationship of Pyrano[4,3-b]chromones. Anticancer Research, 2018, 38, 4449-4457.	0.5	12
42	Current Status of Adverse Events Related with Opioid Analgesics in Japan: Assessment Based on Japanese Adverse Drug Event Report Database. Biological and Pharmaceutical Bulletin, 2019, 42, 801-806.	0.6	12
43	A Nationwide Survey of Community Pharmacist Contributions to Polypharmacy in Opioid-Using and Non-using Cancer Patients in Japan. Biological and Pharmaceutical Bulletin, 2019, 42, 1164-1171.	0.6	12
44	Further Quantitative Structureâ€“Cytotoxicity Relationship Analysis of 3-Styrylchromones. Anticancer Research, 2020, 40, 87-95.	0.5	12
45	Quantitative Structure-cytotoxicity Relationship of 3-Benzylidenechromanones. Anticancer Research, 2016, 36, 5803-5812.	0.5	12
46	Quantitative Structureâ€“Cytotoxicity Relationship of Chalcones. Anticancer Research, 2017, 37, 1091-1098.	0.5	12
47	Quantitative Structureâ€“Cytotoxicity Relationship of Newly Synthesized Piperic Acid Esters. Anticancer Research, 2017, 37, 6161-6168.	0.5	12
48	Quantitative structure-activity relationship (QSAR) analysis of tumor-specificity of 1,2,3,4-tetrahydroisoquinoline derivatives. Anticancer Research, 2011, 31, 4231-8.	0.5	12
49	Quantitative Structure-Cytotoxicity Relationship of 3-Styryl-2H-chromenes. Anticancer Research, 2015, 35, 5299-307.	0.5	12
50	Integrated Analysis on the Physicochemical Properties of Dihydropyridine Calcium Channel Blockers in Grapefruit Juice Interactions. Current Pharmaceutical Biotechnology, 2012, 13, 1705-1717.	0.9	11
51	Establishment of a Direct-Injection Electron Ionization-Mass Spectrometry Metabolomics Method and Its Application to Lichen Profiling. Analytical Chemistry, 2017, 89, 6408-6414.	3.2	11
52	Quantitative Structureâ€“Cytotoxicity Relationship of 3-(N-Cyclicamino)chromone Derivatives. Anticancer Research, 2018, 38, 4459-4467.	0.5	11
53	The Risk Factors Associated with Immune Checkpoint Inhibitor-Related Pneumonitis. Oncology, 2021, 99, 256-259.	0.9	11
54	Search for New Type of Anticancer Drugs with High Tumor Specificity and Less Keratinocyte Toxicity. Anticancer Research, 2017, 37, 5919-5924.	0.5	11

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55	Quantitative Structureâ€“Cytotoxicity Relationship of Aurones. Anticancer Research, 2017, 37, 6169-6176.	0.5	11
56	In Vitro Anti-tumor Activity of Azulene Amide Derivatives. In Vivo, 2018, 32, 479-486.	0.6	11
57	Differential thermodynamic driving force of first- and second-generation antihistamines to determine their binding affinity for human H1 receptors. Biochemical Pharmacology, 2014, 91, 231-241.	2.0	10
58	Quantitative Structureâ€“Cytotoxicity Relationship of 2-(N-cyclicamino)chromone Derivatives. Anticancer Research, 2018, 38, 3897-3906.	0.5	10
59	Synthesis and biological evaluation of 3-styrylchromone derivatives as selective monoamine oxidase B inhibitors. Bioorganic and Medicinal Chemistry, 2021, 42, 116255.	1.4	10
60	Quantitative structure-cytotoxicity relationship of piperic acid amides. Anticancer Research, 2014, 34, 4877-84.	0.5	10
61	Investigation of carbonic anhydrase inhibitory effects and cytotoxicities of pyrazole-based hybrids carrying hydrazone and zinc-binding benzenesulfonamide pharmacophores. Bioorganic Chemistry, 2022, 127, 105969.	2.0	10
62	Application to Classification of Mulberry Leaves using Multivariate Analysis of Proton NMR Metabolomic Data. Natural Product Communications, 2011, 6, 1934578X1100601.	0.2	9
63	Molecular Determinants Responsible for Sedative and Non-sedative Properties of Histamine H1â€“Receptor Antagonists. Journal of Pharmacological Sciences, 2014, 124, 160-168.	1.1	9
64	Quantitative Structureâ€“Cytotoxicity Relationship of Furo[2,3-b]chromones. Anticancer Research, 2018, 38, 3283-3290.	0.5	9
65	Multiple biological complex of alkaline extract of the leaves of Sasa senanensis Rehder. In Vivo, 2010, 24, 735-43.	0.6	9
66	Quantitative Structureâ€“Cytotoxicity Relationship of Azulene Amide Derivatives. Anticancer Research, 2019, 39, 3507-3518.	0.5	8
67	QSAR Prediction Model to Search for Compounds with Selective Cytotoxicity Against Oral Cell Cancer. Medicines (Basel, Switzerland), 2019, 6, 45.	0.7	8
68	Molecular Initiating Events Associated with Drug-Induced Liver Malignant Tumors: An Integrated Study of the FDA Adverse Event Reporting System and Toxicity Predictions. Biomolecules, 2021, 11, 944.	1.8	8
69	Inhibition of Neurotoxicity/Anticancer Activity of Bortezomib by Caffeic Acid and Chlorogenic Acid. Anticancer Research, 2022, 42, 781-790.	0.5	8
70	Quantitative structure-cytotoxicity relationship of phenylpropanoid amides. Anticancer Research, 2014, 34, 3543-8.	0.5	8
71	Time to Onset of Bendamustine-associated Skin Damage Using the Spontaneous Reporting System. Anticancer Research, 2022, 42, 2737-2741.	0.5	8
72	Novel QSAR Approach for a Regression Model of Clearance That Combines DeepSnap-Deep Learning and Conventional Machine Learning. ACS Omega, 2022, 7, 17055-17062.	1.6	8

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73	IDENTIFICATION OF THE RABBIT LIVER UDP-GLUCURONOSYLTRANSFERASE CATALYZING THE GLUCURONIDATION OF 4-ETHOXYPHENYLUREA (DULCIN). Drug Metabolism and Disposition, 2004, 32, 1476-1481.	1.7	7
74	Evaluation of the Expression Profile of Irinotecan-Induced Diarrhea in Patients with Colorectal Cancer. Pharmaceuticals, 2021, 14, 377.	1.7	7
75	Analyses of oxycodone-induced adverse effects based on the Japanese Adverse Drug Event Report Database. Palliative Care Research, 2015, 10, 161-168.	0.0	7
76	A Deep Learning-Based Quantitative Structureâ€“Activity Relationship System Construct Prediction Model of Agonist and Antagonist with High Performance. International Journal of Molecular Sciences, 2022, 23, 2141.	1.8	7
77	Analysis of Factors Associated with Hiccups Using the FAERS Database. Pharmaceuticals, 2022, 15, 27.	1.7	7
78	Identification of the human liver UDP-glucuronosyltransferase involved in the metabolism of p-ethoxyphenylurea (dulcin). Archives of Toxicology, 2007, 81, 163-168.	1.9	6
79	Identification of Glycyrrhiza Species by Direct Analysis in Real Time Mass Spectrometry. Natural Product Communications, 2010, 5, 1934578X1000501.	0.2	6
80	Development of a double-stranded siRNA labelling method by using^{99m}Tc and single photon emission computed tomography imaging. Journal of Drug Targeting, 2017, 25, 172-178.	2.1	6
81	Antitumor Effects and Tumor-specificity of Guaiazulene-3-Carboxylate Derivatives Against Oral Squamous Cell Carcinoma In Vitro. Anticancer Research, 2020, 40, 4885-4894.	0.5	6
82	A Molecular Image-Based Novel Quantitative Structure-Activity Relationship Approach, Deepsnap-Deep Learning and Machine Learning. Current Issues in Molecular Biology, 2022, 42, 455-472.	1.0	6
83	Prediction Models for Agonists and Antagonists of Molecular Initiation Events for Toxicity Pathways Using an Improved Deep-Learning-Based Quantitative Structureâ€“Activity Relationship System. International Journal of Molecular Sciences, 2021, 22, 10821.	1.8	6
84	Quantitative Structureâ€“Cytotoxicity Relationship of Cinnamic Acid Phenetyl Esters. Anticancer Research, 2018, 38, 817-823.	0.5	6
85	Direct-Injection Electron Ionization-Mass Spectrometry Metabolomics Method for Analyzing Blueberry Leaf Metabolites That Inhibit Adult T-cell Leukemia Proliferation. Planta Medica, 2019, 85, 81-87.	0.7	5
86	Quantitative Structureâ€“Cytotoxicity Relationship of 2-Azolylchromones. Anticancer Research, 2018, 38, 763-770.	0.5	5
87	Exploring the Mechanisms Underlying Drug-Induced Fractures Using the Japanese Adverse Drug Event Reporting Database. Pharmaceuticals, 2021, 14, 1299.	1.7	5
88	Degradation of Methyldopa by Banana. Pharmaceuticals, 2010, 3, 441-447.	1.7	4
89	Syntheses and Glycosidase Inhibitory Activities, and in Silico Docking Studies of Pericosine E Analogs Methoxy-Substituted at C6. Marine Drugs, 2020, 18, 221.	2.2	4
90	Risk Factors for Cancer Chemotherapy-Induced Hiccups (CIH). Pharmacology & Pharmacy, 2018, 09, 331-343.	0.2	4

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91	Quantitative structure-activity relationship analysis of cytotoxicity and anti-UV activity of 2-aminotropones. Anticancer Research, 2014, 34, 1743-50.	0.5	4
92	Application of Mixture Analysis to Crude Materials from Natural Resources (III)^[1]: NMR Spectral Studies to Analyze Chalcones from Angelica keiskei. Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	3
93	Identification of the Country of Growth of Sophora flavescens using Direct Analysis in Real Time Mass Spectrometry (DART-MS). Natural Product Communications, 2014, 9, 1934578X1400901.	0.2	3
94	Bananas decrease acetaminophen potency in in vitro assays. PLoS ONE, 2018, 13, e0205612.	1.1	3
95	Molecular Determinants of the Kinetic Binding Properties of Antihistamines at the Histamine H1 Receptors. International Journal of Molecular Sciences, 2021, 22, 2400.	1.8	3
96	Development of <i>in silico</i> prediction models for drug-induced liver malignant tumors based on the activity of molecular initiating events: Biologically interpretable features. Journal of Toxicological Sciences, 2022, 47, 89-98.	0.7	3
97	Comprehensive analysis of everolimusâ€induced adverse events using the Japanese realâ€world database. Journal of Clinical Pharmacy and Therapeutics, 2022, , .	0.7	3
98	Comprehensive Analysis of Bortezomib-Induced Adverse Events Using the Japanese Real-World Database. Oncology, 2022, 100, 188-194.	0.9	3
99	Application of Mixture Analysis to Crude Materials from Natural Resources (IV)^[1(a-c)]: Identification of Glycyrrhiza Species by Direct Analysis in Real Time Mass Spectrometry (II). Natural Product Communications, 2013, 8, 1934578X1300801.	0.2	2
100	Application of Mixture Analysis to Crude Materials from Natural Resources (V) ^[1]: Discrimination of Glycyrrhiza uralensis and G. glabra by EI mass spectrometry. Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	2
101	Analysis of physicochemical properties of drugs included in anticholinergic rating scales. Chem-Bio Informatics Journal, 2018, 18, 1-9.	0.1	2
102	Development of Liver Toxicity Ontology for Drug Safety Evaluation and its Application. Transactions of the Japanese Society for Artificial Intelligence, 2019, 34, D-I81_1-18.	0.1	2
103	Quantitative Structureâ€“Cytotoxicity Relationship of 2-Arylazolylchromones and 2-Triazolylchromones. Anticancer Research, 2019, 39, 6479-6488.	0.5	2
104	Tumor-Specificity, Neurotoxicity, and Possible Involvement of the Nuclear Receptor Response Pathway of 4,6,8-Trimethyl Azulene Amide Derivatives. International Journal of Molecular Sciences, 2022, 23, 2601.	1.8	2
105	Electron Ionization Mass Spectrometry-based Metabolomics Studies of Sophora Flavescens can Identify the Geographical Origin of Root Samples. Natural Product Communications, 2016, 11, 1934578X1601100.	0.2	1
106	Deep Learning-Based In Vitro Detection Method for Cellular Impurities in Human Cell-Processed Therapeutic Products. Applied Sciences (Switzerland), 2021, 11, 9755.	1.3	1
107	Pharmacokinetic Interactions of Antihypertensive Drugs with Citrus Juices. , 2012, , .		0
108	QSAR analysis of tumor-specificity of newly synthesized 3-styrylchromone derivatives against human oral squamous cell carcinoma cell lines. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 3-P-351.	0.0	0

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109	Use of ¹³C-NMR Chemical Shifts; Application of Principal Component Analysis for Categorizing Structurally Similar Methoxyflavones and Correlation Analysis between Chemical Shifts and Cytotoxicity. Chemical and Pharmaceutical Bulletin, 2021, 69, 199-202.	0.6	0
110	Bucolome N-Glucuronide Formation: Species Differences and Identification of Human UDP-Glucuronosyltransferase Isoforms. Pharmacology & Pharmacy, 2011, 02, 361-369.	0.2	0
111	The effect of Shitei-Extract, a traditional Chinese medicine formulation, against Chemotherapy induced hiccups. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-9-7.	0.0	0
112	Molecular profiling of ginsenoside metabolites to identify estrogen receptor alpha activity. Gene, 2022, 813, 146108.	1.0	0
113	Construction of a prediction model for drug removal rate in hemodialysis based on chemical structures. Molecular Diversity, 2022, 26, 2647-2657.	2.1	0
114	Comprehensive analysis of ixazomib-induced adverse events using the Japanese pharmacovigilance database. Oncology, 2022, , .	0.9	0