

Kazuo Harada

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,034
citations

185998

28
h-index

168136

53
g-index

83
all docs

83
docs citations

83
times ranked

4612
citing authors

#	ARTICLE	IF	CITATIONS
1	Barium-induced toxic anterior segment syndrome. <i>European Journal of Ophthalmology</i> , 2023, 33, NP31-NP35.	0.7	2
2	Preparation of a platinum nanoparticle catalyst located near photocatalyst titanium oxide and its catalytic activity to convert benzyl alcohols to the corresponding ethers. <i>RSC Advances</i> , 2021, 11, 22230-22237.	1.7	2
3	In Vitro Model for a Drug Assessment of Cytochrome P450 Family 3 Subfamily A Member 4 Substrates Using Human Induced Pluripotent Stem Cells and Genome Editing Technology. <i>Hepatology Communications</i> , 2021, 5, 1385-1399.	2.0	9
4	Monolayer platform using human biopsy-derived duodenal organoids for pharmaceutical research. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 263-278.	1.8	22
5	<i>Mycobacterium smegmatis</i> alters the production of secondary metabolites by marine-derived <i>Aspergillus niger</i> . <i>Journal of Natural Medicines</i> , 2020, 74, 76-82.	1.1	14
6	Establishment of SLC15A1/PEPT1-Knockout Human-Induced Pluripotent Stem Cell Line for Intestinal Drug Absorption Studies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 49-57.	1.8	14
7	Development and evaluation of a simultaneous and efficient quantification strategy for final prostanoid metabolites in urine. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 157, 102032.	1.0	2
8	Activated microglia-derived macrophage-like cells exacerbate brain edema after ischemic stroke correlate with astrocytic expression of aquaporin-4 and interleukin-1 alpha release. <i>Neurochemistry International</i> , 2020, 140, 104848.	1.9	27
9	Self-Assembled Multilayer Iron(0) Nanoparticle Catalyst for Ligand-Free Carbon-Carbon/Nitrogen Bond-Forming Reactions. <i>Organic Letters</i> , 2020, 22, 7244-7249.	2.4	18
10	Comparison of commercially available media for hepatic differentiation and hepatocyte maintenance. <i>PLoS ONE</i> , 2020, 15, e0229654.	1.1	10
11	Molecular mechanisms of Wischniewski spot development on gastric mucosa in fatal hypothermia: an experimental study in rats. <i>Scientific Reports</i> , 2020, 10, 1877.	1.6	6
12	Direct visualization of an antidepressant analog using surface-enhanced Raman scattering in the brain. <i>JCI Insight</i> , 2020, 5, .	2.3	11
13	Development and Evaluation of a System for the Semi-Quantitative Determination of the Physical Properties of Skin After Exposure to Silver Nanoparticles. <i>Nanoscale Research Letters</i> , 2020, 15, 187.	3.1	5
14	Generation of Human iPSC-Derived Intestinal Epithelial Cell Monolayers by CDX2 Transduction. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 8, 513-526.	2.3	34
15	Optimization and Evaluation of Pretreatment Method for sp-ICP-MS to Reveal the Distribution of Silver Nanoparticles in the Body. <i>Nanoscale Research Letters</i> , 2019, 14, 180.	3.1	17
16	Development of a Paper-Based Luminescence Bioassay for Therapeutic Monitoring of Aminoglycosides: a Proof-of-Concept Study. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 798-809.	1.4	10
17	Class III Polyphosphate Kinase 2 Enzymes Catalyze the Pyrophosphorylation of Adenosine Monophosphate. <i>ChemBioChem</i> , 2019, 20, 2961-2967.	1.3	23
18	Modeling of Hepatic Drug Metabolism and Responses in CYP2C19 Poor Metabolizer Using Genetically Manipulated Human iPSC cells. <i>Drug Metabolism and Disposition</i> , 2019, 47, 632-638.	1.7	20

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19	11 β -hydroxysteroid dehydrogenase type 1 is associated with antiretroviral therapy-induced increase in low-density lipoprotein cholesterol. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2019, 57, 298-305.	0.3	0
20	The presence of colistin resistance gene <i>mcr-1</i> and <i>-3</i> in ESBL producing <i>Escherichia coli</i> isolated from food in Ho Chi Minh City, Vietnam. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	52
21	Molecular components of <i>Arabidopsis</i> intact vacuoles clarified with metabolomic and proteomic analyses. <i>Plant and Cell Physiology</i> , 2018, 59, 1353-1362.	1.5	11
22	Effect of medium and light quality on pink pigment production of cyanobacteria <i>Oscillatoria</i> sp. BTCC/A0004. <i>E3S Web of Conferences</i> , 2018, 47, 03002.	0.2	1
23	Efficient Generation of Small Intestinal Epithelial-like Cells from Human iPSCs for Drug Absorption and Metabolism Studies. <i>Stem Cell Reports</i> , 2018, 11, 1539-1550.	2.3	45
24	Paper-based luminescence bioassay method embedding a sequence of enzymatic reactions to detect sulfonamide groups. <i>Journal of Antibiotics</i> , 2018, 71, 1044-1047.	1.0	0
25	Water metagenomic analysis reveals low bacterial diversity and the presence of antimicrobial residues and resistance genes in a river containing wastewater from backyard aquacultures in the Mekong Delta, Vietnam. <i>Environmental Pollution</i> , 2017, 222, 294-306.	3.7	62
26	Residues of 2-hydroxy-3-phenylpyrazine, a degradation product of some β -lactam antibiotics, in environmental water in Vietnam. <i>Chemosphere</i> , 2017, 172, 355-362.	4.2	15
27	Generation of a bile salt export pump deficiency model using patient-specific induced pluripotent stem cell-derived hepatocyte-like cells. <i>Scientific Reports</i> , 2017, 7, 41806.	1.6	31
28	AlkB homolog 3-mediated tRNA demethylation promotes protein synthesis in cancer cells. <i>Scientific Reports</i> , 2017, 7, 42271.	1.6	201
29	Detection of antibiotics in chicken eggs obtained from supermarkets in Ho Chi Minh City, Vietnam. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 430-433.	0.7	19
30	Paper-based colorimetric biosensor for antibiotics inhibiting bacterial protein synthesis. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 96-100.	1.1	54
31	Pharmacokinetics of Loxoprofen and Cefcapene following a Single Combined Dose in Healthy Volunteers before, during or Immediately after 120-min Enteral Tube Feeding of 400 mL Ensure Liquid<sup>®</sup> . <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , 2017, 48, 185-193.	0.1	0
32	Enhanced production of nojirimycin <i>via</i> <i>Streptomyces ficellus</i> cultivation using marine broth and inhibitory activity of the culture for seeds of parasitic weeds. <i>Journal of Pesticide Sciences</i> , 2017, 42, 166-171.	0.8	5
33	Spread of Antibiotic and Antimicrobial Susceptibility of ESBL-Producing <i>Escherichia coli</i> Isolated from Wild and Cultured Fish in the Mekong Delta, Vietnam. <i>Fish Pathology</i> , 2016, 51, S75-S82.	0.4	19
34	Optimization of 3', 4'-Anhydrovinblastine Synthesis in vitro Using Crude Extracts of <i>Catharanthus roseus</i> Irradiated with Near-Ultraviolet Light. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	0
35	Screening of antibiotic residues in pork meat in Ho Chi Minh City, Vietnam, using a microbiological test kit and liquid chromatography/tandem mass spectrometry. <i>Food Control</i> , 2016, 69, 262-266.	2.8	17
36	Monitoring of Antibiotic Residues in Aquatic Products in Urban and Rural Areas of Vietnam. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6133-6138.	2.4	59

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37	Longgu (Fossilia Osis Mastodi) alters the profiles of organic and inorganic components in Keishikaryukotsuboreito. <i>Journal of Natural Medicines</i> , 2016, 70, 483-491.	1.1	3
38	A real-time PCR-based quantitative assay for 3-methylcytosine demethylase activity of ALKBH3. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 476-481.	0.7	5
39	Rapid and Easy Multiresidue Method for the Analysis of Antibiotics in Meats by Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5133-5140.	2.4	26
40	Antibiotic Residue Monitoring Results for Pork, Chicken, and Beef Samples in Vietnam in 2012-2013. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5141-5145.	2.4	81
41	Immobilization of enzymatic extracts of <i>Portulaca oleracea</i> cv. roots for oxidizing aqueous bisphenol A. <i>Biotechnology Letters</i> , 2015, 37, 1037-1042.	1.1	4
42	Planteose as a storage carbohydrate required for early stage of germination of <i>Orobancha minor</i> and its metabolism as a possible target for selective control. <i>Journal of Experimental Botany</i> , 2015, 66, 3085-3097.	2.4	32
43	Glutamate Acts as a Key Signal Linking Glucose Metabolism to Incretin/cAMP Action to Amplify Insulin Secretion. <i>Cell Reports</i> , 2014, 9, 661-673.	2.9	128
44	Metabolite profiles of polyhydroxyalkanoate-producing <i>Ralstonia eutropha</i> H16. <i>Metabolomics</i> , 2014, 10, 190-202.	1.4	27
45	Prediction of interindividual differences in hepatic functions and drug sensitivity by using human iPSC-derived hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16772-16777.	3.3	171
46	Development of surface-engineered yeast cells displaying phytochelatin synthase and their application to cadmium biosensors by the combined use of pyrene-excimer fluorescence. <i>Biotechnology Progress</i> , 2013, 29, 1197-1202.	1.3	17
47	Effects of elevated pressure on rate of photosynthesis during plant growth. <i>Journal of Biotechnology</i> , 2013, 168, 135-141.	1.9	9
48	Commensal Bacteria-Dependent Indole Production Enhances Epithelial Barrier Function in the Colon. <i>PLoS ONE</i> , 2013, 8, e80604.	1.1	268
49	Characterization of Bisphenol A Metabolites Produced by <i>Portulaca oleracea</i> cv. by Liquid Chromatography Coupled with Tandem Mass Spectrometry. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1015-1017.	0.6	14
50	Green leaf volatiles enhance methyl jasmonate response in <i>Arabidopsis</i> . <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 540-545.	1.1	48
51	High-accuracy analysis system for the redox status of coenzyme Q10 by online supercritical fluid extraction-supercritical fluid chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1250, 76-79.	1.8	36
52	Isolation of polyphenol oxidase genes from <i>Portulaca oleracea</i> and evaluation of their ability to metabolize endocrine-disrupting chemicals. <i>Plant Biotechnology</i> , 2012, 29, 351-357.	0.5	5
53	Isolation and partial characterization of the <i>Chlamydomonas reinhardtii</i> $\hat{1}^3$ -glutamyl kinase. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 75-78.	1.1	2
54	Comparison of three <i>Chlamydomonas</i> strains which show distinctive oxidative stress tolerance. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 462-468.	1.1	22

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55	Toxicological characterization of <i>N</i> -methyl- <i>N</i> -nitrosourea-induced cataract in rats by LC/MS-based metabonomic analysis. <i>Journal of Applied Toxicology</i> , 2011, 31, 655-662.	1.4	8
56	Molecular Cloning and Partial Characterization of a Peroxidase Gene Expressed in the Roots of <i>Portulaca oleracea</i> cv., One Potentially Useful in the Remediation of Phenolic Pollutants. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 882-890.	0.6	13
57	Metabonomics-based systematic prediction of yeast lifespan and its application for semi-rational screening of ageing-related mutants. <i>Aging Cell</i> , 2010, 9, 616-625.	3.0	60
58	Metabolic turnover analysis by a combination of in vivo ¹³ C-labelling from ¹³ CO ₂ and metabolic profiling with CE-MS/MS reveals rate-limiting steps of the C ₃ photosynthetic pathway in <i>Nicotiana tabacum</i> leaves. <i>Journal of Experimental Botany</i> , 2010, 61, 1041-1051.	2.4	117
59	AtNUDX6, an ADP-Ribose/NADH Pyrophosphohydrolase in Arabidopsis, Positively Regulates NPR1-Dependent Salicylic Acid Signaling. <i>Plant Physiology</i> , 2010, 152, 2000-2012.	2.3	69
60	Synthesis of Anti-Tumor Dimeric Indole Alkaloids in <i>Catharanthus roseus</i> Was Promoted by Irradiation with Near-Ultraviolet Light at Low Temperature. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 386-389.	0.6	12
61	Profiling of primary metabolite by means of capillary electrophoresis-mass spectrometry and its application for plant science. <i>Plant Biotechnology</i> , 2009, 26, 47-52.	0.5	28
62	Modulation of the Poly(ADP-ribosyl)ation Reaction via the Arabidopsis ADP-Ribose/NADH Pyrophosphohydrolase, AtNUDX7, Is Involved in the Response to Oxidative Stress. <i>Plant Physiology</i> , 2009, 151, 741-754.	2.3	75
63	Phytochelatin inhibit the metal-induced aggregation of α -crystallin. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 173-176.	1.1	2
64	Isolation and characterization of a novel antistress gene from <i>Chlamydomonas</i> sp. W80. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 352-354.	1.1	12
65	Comprehensive metabolite profiling of phyA phyB phyC triple mutants to reveal their associated metabolic phenotype in rice leaves. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, 151-159.	1.1	24
66	Comparative analysis of a CFo ATP synthase subunit II homologue derived from marine and fresh-water algae. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, 365-368.	1.1	0
67	Transcriptional and metabolic response in yeast <i>Saccharomyces cerevisiae</i> cells during polyethylene glycol-dependent transformation. <i>Journal of Basic Microbiology</i> , 2009, 49, 73-81.	1.8	12
68	Extracellular phycoerythrin-like protein released by freshwater cyanobacteria <i>Oscillatoria</i> and <i>Scytonema</i> sp.. <i>Biotechnology Letters</i> , 2009, 31, 999-1003.	1.1	9
69	Overexpression of an ADP-ribose pyrophosphatase, <i>AtNUDX2</i> , confers enhanced tolerance to oxidative stress in Arabidopsis plants. <i>Plant Journal</i> , 2009, 57, 289-301.	2.8	77
70	Dimensionality reduction for metabolome data using PCA, PLS, OPLS, and RFDA with differential penalties to latent variables. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 98, 136-142.	1.8	58
71	Quantitative analysis of anionic metabolites for <i>Catharanthus roseus</i> by capillary electrophoresis using sulfonated capillary coupled with electrospray ionization-tandem mass spectrometry. <i>Journal of Bioscience and Bioengineering</i> , 2008, 105, 249-260.	1.1	62
72	High-Throughput Technique for Comprehensive Analysis of Japanese Green Tea Quality Assessment Using Ultra-performance Liquid Chromatography with Time-of-Flight Mass Spectrometry (UPLC/TOF) <i>J. Chromatogr. B</i> 2008, 867, 10-16	0.0	10

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73	Time-course metabolic profiling in <i>Arabidopsis thaliana</i> cell cultures after salt stress treatment*. <i>Journal of Experimental Botany</i> , 2007, 58, 415-424.	2.4	256
74	In Vivo ¹⁵ N-Enrichment of Metabolites in <i>Arabidopsis</i> Cultured Cell T87 and Its Application to Metabolomics. , 2007, , 287-297.		0
75	Pressure-assisted capillary electrophoresis mass spectrometry using combination of polarity reversion and electroosmotic flow for metabolomics anion analysis. <i>Journal of Bioscience and Bioengineering</i> , 2006, 101, 403-409.	1.1	61
76	In Vivo ¹⁵ N-Enrichment of Metabolites in Suspension Cultured Cells and Its Application to Metabolomics. <i>Biotechnology Progress</i> , 2006, 22, 1003-1011.	1.3	33
77	Size Exclusion Chromatography of Standard Polystyrenes with a Wide Range of Molecular Weight Up to 7.45Å–106 on Monolithic Silica Capillary Columns. <i>Polymer Journal</i> , 2006, 38, 1194-1197.	1.3	14
78	A novel crude oil emulsifier excreted in the culture supernatant of a marine bacterium, <i>Myroides</i> sp. strain SM1. <i>Applied Microbiology and Biotechnology</i> , 2006, 70, 254-259.	1.7	71
79	Single cell-based analysis of torenia petal pigments by a combination of ArF excimer laser micro sampling and nano-high performance liquid chromatography (HPLC)â€“mass spectrometry. <i>Journal of Bioscience and Bioengineering</i> , 2006, 102, 575-578.	1.1	34
80	Stable Isotope Dilution-Based Accurate Comparative Quantification of Nitrogen-Containing Metabolites in <i>Arabidopsis thaliana</i> T87 Cells Using In Vivo ¹⁵ N-Isotope Enrichment. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 1331-1340.	0.6	48
81	An isotope effect on the comparative quantification of flavonoids by means of methylation-based stable isotope dilution coupled with capillary liquid chromatography/mass spectrometry. <i>Journal of Bioscience and Bioengineering</i> , 2005, 99, 75-77.	1.1	20
82	Product selective reaction controlled by the combination of palladium nanoparticles, continuous microwave irradiation, and a co-existing solid; ligand-free Buchwaldâ€“Hartwig amination vs. aryne amination. <i>Green Chemistry</i> , 0, , .	4.6	3