

Masaaki Tokuda

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

920
citations

706676

14
h-index

591227

27
g-index

34
all docs

34
docs citations

34
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Not only metformin, but also D-allulose, alleviates metabolic disturbance and cognitive decline in prediabetic rats. <i>Nutritional Neuroscience</i> , 2022, 25, 1115-1127.	1.5	14
2	Insulin mimetic effect of D-allulose on apolipoprotein A-II gene. <i>Journal of Food Biochemistry</i> , 2022, 46, e14064.	1.2	1
3	d-allulose provides cardioprotective effect by attenuating cardiac mitochondrial dysfunction in obesity-induced insulin-resistant rats. <i>European Journal of Nutrition</i> , 2021, 60, 2047-2061.	1.8	12
4	Antiallergic activities of shallot (<i>Allium ascalonicum</i> L.) and its therapeutic effects in allergic rhinitis. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2021, , .	0.2	3
5	Naturally occurring rare sugars are free radical scavengers and can ameliorate endoplasmic reticulum stress. <i>International Journal for Vitamin and Nutrition Research</i> , 2020, 90, 210-220.	0.6	6
6	D-Tagatose inhibits the growth and biofilm formation of <i>Streptococcus</i> Δ mutans. <i>Molecular Medicine Reports</i> , 2018, 17, 843-851.	1.1	16
7	Combined treatment with D-allose, docetaxel and radiation inhibits the tumor growth in an Δ <i>in vivo</i> model of head and neck cancer. <i>Oncology Letters</i> , 2018, 15, 3422-3428.	0.8	11
8	Additive antitumour effect of D-allose in combination with cisplatin in non-small cell lung cancer cells. <i>Oncology Reports</i> , 2018, 39, 1292-1298.	1.2	16
9	PPAR β activation mitigates glucocorticoid receptor-induced excessive lipolysis in adipocytes via homeostatic crosstalk. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4627-4635.	1.2	17
10	GLP-1 release and vagal afferent activation mediate the beneficial metabolic and chronotherapeutic effects of D-allulose. <i>Nature Communications</i> , 2018, 9, 113.	5.8	111
11	The role of artificial and natural sweeteners in reducing the consumption of table sugar: A narrative review. <i>Clinical Nutrition ESPEN</i> , 2017, 18, 1-8.	0.5	173
12	GPR120 in adipocytes has differential roles in the production of pro-inflammatory adipocytokines. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 76-82.	1.0	15
13	IBMX protects human proximal tubular epithelial cells from hypoxic stress through suppressing hypoxia-inducible factor-1 α expression. <i>Experimental Cell Research</i> , 2017, 358, 343-351.	1.2	7
14	Increase in tumor suppressor Arf compensates gene dysregulation in in vitro aged adipocytes. <i>Biogerontology</i> , 2017, 18, 55-68.	2.0	4
15	High Anticancer Properties of Defatted <i>Jatropha Curcus</i> Seed Residue and its Active Compound, Isoamericanol A. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.2	3
16	Dietary D-Allose Ameliorates Hepatic Inflammation in Mice with Non-alcoholic Steatohepatitis. <i>Food Science and Technology Research</i> , 2017, 23, 319-327.	0.3	8
17	The long-term safety of D-allulose administration in healthy dogs. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1780-1784.	0.3	4
18	Arsenic Exposure Induces Unscheduled Mitotic S Phase Entry Coupled with Cell Death in Mouse Cortical Astrocytes. <i>Frontiers in Neuroscience</i> , 2016, 10, 297.	1.4	8

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19	A key role of PGC-1 α transcriptional coactivator in production of VEGF by a novel angiogenic agent COA-Cl in cultured human fibroblasts. <i>Physiological Reports</i> , 2016, 4, e12742.	0.7	12
20	Beneficial effect of D-allulose for isolated islet culture prior to islet transplantation. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2016, 23, 37-42.	1.4	6
21	Inhibitory effect of isoamericanol A from <i>Jatropha curcas</i> seeds on the growth of MCF-7 human breast cancer cell line by G2/M cell cycle arrest. <i>Heliyon</i> , 2016, 2, e00055.	1.4	19
22	Beneficial Effects of Supplementation of the Rare Sugar α -D-allulose Against Hepatic Steatosis and Severe Obesity in <i>Lep^{ob}</i> Mice. <i>Journal of Food Science</i> , 2015, 80, H1619-26.	1.5	38
23	Rare sugar D-psicose prevents progression and development of diabetes in T2DM model Otsuka Long-Evans Tokushima Fatty rats. <i>Drug Design, Development and Therapy</i> , 2015, 9, 525.	2.0	61
24	Eicosapentaenoic acid upregulates VEGF-A through both GPR120 and PPAR γ mediated pathways in 3T3-L1 adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2015, 406, 10-18.	1.6	56
25	Rare sugar d-allulose: Potential role and therapeutic monitoring in maintaining obesity and type 2 diabetes mellitus. , 2015, 155, 49-59.		140
26	Intestinal absorption, organ distribution, and urinary excretion of the rare sugar D-psicose. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1955.	2.0	25
27	Weight reducing effect and safety evaluation of rare sugar syrup by a randomized double-blind, parallel-group study in human. <i>Journal of Functional Foods</i> , 2014, 11, 152-159.	1.6	35
28	Valsartan ameliorates the constitutive adipokine expression pattern in mature adipocytes: a role for inverse agonism of the angiotensin II type 1 receptor in obesity. <i>Hypertension Research</i> , 2014, 37, 621-628.	1.5	19
29	Effects of d-allose in combination with docetaxel in human head and neck cancer cells. <i>International Journal of Oncology</i> , 2014, 45, 2044-2050.	1.4	22
30	Inhibition of Leukemia Cell Proliferation using High Power LED Irradiation and Bilirubin Administration. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2014, 134, 1603-1612.	0.1	0
31	Protective effect of D-psicose against testicular atrophy induced by di(2-ethylhexyl) phthalate. <i>International Journal of Environmental Studies</i> , 2013, 70, 560-565.	0.7	1
32	Rare sugar d-psicose protects pancreas β -islets and thus improves insulin resistance in OLETF rats. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 717-723.	1.0	54
33	Suppression of cancer cell proliferation by high-intensity blue LED light. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 359-361.	0.8	3
34	2SP4-05 Applicability of rare sugars for medicines and foods(2SP4 Rare glyco-elements "RARE SUGARS") <i>TJ ETQq0 0 0 rgBT /Overlock 10</i> 2009, 49, S13.	0.0	0