Uthaiwan Suttisansanee

List of Publications by Year
in descending order

37	622	623188 14	676716 22
papers	citations	h-index	g-index

37	37	37	486
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial glyoxalase enzymes. Seminars in Cell and Developmental Biology, 2011, 22, 285-292.	2.3	50
2	Bioactive Compounds, Antioxidant Activity and Inhibition of Key Enzymes Relevant to Alzheimerâ€™s Disease from Sweet Pepper (Capsicum annuum) Extracts. Preventive Nutrition and Food Science, 2019, 24, 327-337.	0.7	49
3	Structural Variation in Bacterial Glyoxalase I Enzymes. Journal of Biological Chemistry, 2011, 286, 38367-38374.	1.6	42
4	The Effect of Steaming and Fermentation on Nutritive Values, Antioxidant Activities, and Inhibitory Properties of Tea Leaves. Foods, 2021, 10, 117.	1.9	31
5	The Effect of Sacred Lotus (Nelumbo nucifera) and Its Mixtures on Phenolic Profiles, Antioxidant Activities, and Inhibitions of the Key Enzymes Relevant to Alzheimerâ€™s Disease. Molecules, 2020, 25, 3713.	1.7	29
6	Health beneficial properties of a novel plant-based probiotic drink produced by fermentation of brown rice milk with GABA-producing Lactobacillus pentosus isolated from Thai pickled weed. Journal of Functional Foods, 2021, 86, 104710.	1.6	29
7	Mulberry Fruit Cultivar â€˜Chiang Maiâ€™ Prevents Beta-Amyloid Toxicity in PC12 Neuronal Cells and in a Drosophila Model of Alzheimerâ€™s Disease. Molecules, 2020, 25, 1837.	1.7	28
8	Investigation of Anthocyanidins and Anthocyanins for Targeting Î±-Glucosidase in Diabetes Mellitus. Preventive Nutrition and Food Science, 2020, 25, 263-271.	0.7	27
9	Impact of Drying Processes on Phenolics and In Vitro Health-Related Activities of Indigenous Plants in Thailand. Plants, 2022, 11, 294.	1.6	26
10	Phenolic Profiles, Antioxidant, and Inhibitory Activities of Kadsura heteroclita (Roxb.) Craib and Kadsura coccinea (Lem.) A.C. Sm.. Foods, 2020, 9, 1222.	1.9	25
11	A Comparison of the Nutritional and Biochemical Quality of Date Palm Fruits Obtained Using Different Planting Techniques. Molecules, 2021, 26, 2245.	1.7	19
12	Phytochemicals and In Vitro Bioactivities of Aqueous Ethanolic Extracts from Common Vegetables in Thai Food. Plants, 2021, 10, 1563.	1.6	19
13	Development of Chrysin Loaded Oil-in-Water Nanoemulsion for Improving Bioaccessibility. Foods, 2021, 10, 1912.	1.9	18
14	Road to The Red Carpet of Edible Crickets through Integration into the Human Food Chain with Biofunctions and Sustainability: A Review. International Journal of Molecular Sciences, 2022, 23, 1801.	1.8	18
15	Modulating glyoxalase I metal selectivity by deletional mutagenesis: underlying structural factors contributing to nickel activation profiles. Metallomics, 2015, 7, 605-612.	1.0	17
16	Inhibitory effects of Gymnema inodorum (Lour.) Decne leaf extracts and its triterpene saponin on carbohydrate digestion and intestinal glucose absorption. Journal of Ethnopharmacology, 2021, 266, 113398.	2.0	17
17	Comparison of Phytochemicals, Antioxidant, and In Vitro Anti-Alzheimer Properties of Twenty-Seven Morus spp. Cultivated in Thailand. Molecules, 2020, 25, 2600.	1.7	15
18	Nutritional composition of conserved Kadsura spp. plants in Northern Thailand. Heliyon, 2020, 6, e04451.	1.4	13

#	Article	IF	Citations
19	The Crystal Structure of a Homodimeric Pseudomonas Glyoxalaseâ€...I Enzyme Reveals Asymmetric Metallation Commensurate with Halfâ€ofâ€Sites Activity. Chemistry - A European Journal, 2015, 21, 541-544.	1.7	12
20	The Effect of Cultivar Variation on Total Phenolic Contents and Antioxidant Activities of Date Palm Fruit (Phoenix Dactylifera L.). Current Research in Nutrition and Food Science, 2020, 8, 155-163.	0.3	12
21	Nutritional Compositions, Phenolic Contents, and Antioxidant Potentials of Ten Original Lineage Beans in Thailand. Foods, 2022, 11, 2062.	1.9	11
22	Ni2+-activated glyoxalase I from Escherichia coli: Substrate specificity, kinetic isotope effects and evolution within the Î²Î±Î²Î²Î² superfamily. Journal of Inorganic Biochemistry, 2012, 108, 133-140.	1.5	10
23	Healthâ€promoting bioactivity and in vivo genotoxicity evaluation of a hemiepiphyte fig, Ficus dubia. Food Science and Nutrition, 2021, 9, 2269-2279.	1.5	10
24	Diplazium esculentum (Retz.) Sw. reduces BACE-1 activities and amyloid peptides accumulation in Drosophila models of Alzheimerâ€™s disease. Scientific Reports, 2021, 11, 23796.	1.6	10
25	The Investigation on Cholinesterases and BACE1 Inhibitory Activities in Various Tea Infusions. Walailak Journal of Science and Technology, 2019, 16, 165-174.	0.5	9
26	Analysis of Phytonutrients, Anti-Mutagenic and Chemopreventive Effects of Tropical Fruit Extracts. Foods, 2021, 10, 2600.	1.9	9
27	Synergistic Antibacterial and Anti-inflammatory Activities of Ocimum tenuiflorum Ethanolic Extract against Major Bacterial Mastitis Pathogens. Antibiotics, 2022, 11, 510.	1.5	9
28	Improvement of Sourdough and Bread Qualities by Fermented Water of Asian Pears and Assam Tea Leaves with Co-Cultures of Lactiplantibacillus plantarum and Saccharomyces cerevisiae. Foods, 2022, 11, 2071.	1.9	9
29	In Vitro Phytotherapeutic Properties of Aqueous Extracted Adenia viridiflora Craib. towards Civilization Diseases. Molecules, 2021, 26, 1082.	1.7	8
30	Evaluation of Sacha Inchi (Plukenetia volubilis L.) By-Products as Valuable and Sustainable Sources of Health Benefits. Horticulturae, 2022, 8, 344.	1.2	8
31	Consumption of Anthocyanin-Rich Mulberry Fruit Jelly with a High-Fat Meal Decreases Postprandial Serum Cardiometabolic Risk Factors in Dyslipidemia Subjects. Journal of Nutrition and Metabolism, 2020, 2020, 1-9.	0.7	6
32	Effects of Maturity and Thermal Treatment on Phenolic Profiles and In Vitro Health-Related Properties of Sacha Inchi Leaves. Plants, 2022, 11, 1515.	1.6	6
33	Preliminary Characterization of a Ni2+-Activated and Mycothiol-Dependent Glyoxalase I Enzyme from Streptomyces coelicolor. Inorganics, 2019, 7, 99.	1.2	5
34	The Effect of Coconut Jelly with Stevia as a Natural Sweetener on Blood Glucose, Insulin and C-Peptide Responses in Twelve Healthy Subjects. Recent Patents on Food, Nutrition & Agriculture, 2018, 9, 127-133.	0.5	5
35	Mangifera indica â€˜Namdokmaiâ€™ Prevents Neuronal Cells from Amyloid Peptide Toxicity and Inhibits BACE-1 Activities in a Drosophila Model of Alzheimerâ€™s Amyloidosis. Pharmaceuticals, 2022, 15, 591.	1.7	5
36	Hydroxamate Inhibitor Profiling of Both Zn2+- and Ni2+-Activated Glyoxalase I Metalloenzymes Having Diverse Quaternary Structures. Letters in Drug Design and Discovery, 2017, 14, .	0.4	3

#	Article	IF	Citations
37	Influence of Plant Origins and Seasonal Variations on Nutritive Values, Phenolics and Antioxidant Activities of Adenia viridiflora Craib., an Endangered Species from Thailand. Foods, 2021, 10, 2799.	1.9	3