

Tewin Tencomnao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9181284/publications.pdf>

Version: 2024-02-01

101
papers

6,912
citations

218677

26
h-index

62596

80
g-index

102
all docs

102
docs citations

102
times ranked

15918
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	A Review of the Role of Green Tea (<i>Camellia sinensis</i>) in Antiphotaging, Stress Resistance, Neuroprotection, and Autophagy. <i>Nutrients</i> , 2019, 11, 474.	4.1	243
3	Rhinacanthus nasutus Extracts Prevent Glutamate and Amyloid- β^2 Neurotoxicity in HT-22 Mouse Hippocampal Cells: Possible Active Compounds Include Lupeol, Stigmasterol and β^2 -Sitosterol. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5074-5097.	4.1	65
4	Amyloidosis in Alzheimer's Disease: The Toxicity of Amyloid Beta ($A\beta$), Mechanisms of Its Accumulation and Implications of Medicinal Plants for Therapy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	1.2	63
5	Mushroom-derived bioactive compounds potentially serve as the inhibitors of SARS-CoV-2 main protease: An in silico approach. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 158-172.	2.7	59
6	Effects of Thai Medicinal Herb Extracts with Anti-Psoriatic Activity on the Expression on NF- κ B Signaling Biomarkers in HaCaT Keratinocytes. <i>Molecules</i> , 2011, 16, 3908-3932.	3.8	57
7	Leaf extract of <i>Caesalpinia mimosoides</i> enhances oxidative stress resistance and prolongs lifespan in <i>Caenorhabditis elegans</i> . <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 164.	3.7	56
8	<i>Glochidion zeylanicum</i> leaf extracts exhibit lifespan extending and oxidative stress resistance properties in <i>Caenorhabditis elegans</i> via DAF-16/FoxO and SKN-1/Nrf-2 signaling pathways. <i>Phytomedicine</i> , 2019, 64, 153061.	5.3	51
9	Cyanidin-3-glucoside activates Nrf2-antioxidant response element and protects against glutamate-induced oxidative and endoplasmic reticulum stress in HT22 hippocampal neuronal cells. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 46.	2.7	51
10	Lifespan Extending and Oxidative Stress Resistance Properties of a Leaf Extracts from <i>Anacardium occidentale</i> L. in <i>Caenorhabditis elegans</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	4.0	50
11	Anti-COVID-19 drug candidates: A review on potential biological activities of natural products in the management of new coronavirus infection. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 144-157.	2.7	49
12	Sex Differences in the Effects of Prenatal Bisphenol A Exposure on Genes Associated with Autism Spectrum Disorder in the Hippocampus. <i>Scientific Reports</i> , 2019, 9, 3038.	3.3	46
13	Neuroprotective Properties of Green Tea (<i>Camellia sinensis</i>) in Parkinson's Disease: A Review. <i>Molecules</i> , 2020, 25, 3926.	3.8	46
14	Regulation of Ganglioside Biosynthesis by Enzyme Complex Formation of Glycosyltransferases. <i>Biochemistry</i> , 2002, 41, 11479-11487.	2.5	45
15	Association between Toll-like receptor 2 (TLR2) polymorphisms and asymptomatic bancroftian filariasis. <i>Parasitology Research</i> , 2010, 107, 807-816.	1.6	41
16	Rhinacanthus nasutus Protects Cultured Neuronal Cells against Hypoxia Induced Cell Death. <i>Molecules</i> , 2011, 16, 6322-6338.	3.8	34
17	Investigation of epigenetic regulatory networks associated with autism spectrum disorder (ASD) by integrated global LINE-1 methylation and gene expression profiling analyses. <i>PLoS ONE</i> , 2018, 13, e0201071.	2.5	34
18	<i>Bacopa monnieri</i> (L.) wettst. Extract protects against glutamate toxicity and increases the longevity of <i>Caenorhabditis elegans</i> . <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 460-470.	2.7	34

#	ARTICLE	IF	CITATIONS
19	Cleistocalyx nervosum var. paniala berry fruit protects neurotoxicity against endoplasmic reticulum stress-induced apoptosis. Food and Chemical Toxicology, 2017, 103, 279-288.	3.6	33
20	Prenatal exposure to bisphenol A alters the transcriptome-interactome profiles of genes associated with Alzheimer's disease in the offspring hippocampus. Scientific Reports, 2020, 10, 9487.	3.3	33
21	The effectiveness of Bacopa monnieri (Linn.) Wettst. as a nootropic, neuroprotective, or antidepressant supplement: analysis of the available clinical data. Scientific Reports, 2021, 11, 596.	3.3	33
22	Turmeric Toxicity in A431 Epidermoid Cancer Cells Associates with Autophagy Degradation of Anti-apoptotic and Anti-autophagic p53 Mutant. Phytotherapy Research, 2014, 28, 1761-1769.	5.8	32
23	Ethanol extract of Streblus asper leaves protects against glutamate-induced toxicity in HT22 hippocampal neuronal cells and extends lifespan of Caenorhabditis elegans. BMC Complementary and Alternative Medicine, 2017, 17, 551.	3.7	32
24	Integrated genome-wide Alu methylation and transcriptome profiling analyses reveal novel epigenetic regulatory networks associated with autism spectrum disorder. Molecular Autism, 2018, 9, 27.	4.9	32
25	Clerodendrum petasites S. Moore: The therapeutic potential of phytochemicals, hispidulin, vanillic acid, verbascoside, and apigenin. Biomedicine and Pharmacotherapy, 2019, 118, 109319.	5.6	29
26	Using sigma-ligands as part of a multi-receptor approach to target diseases of the brain. Expert Opinion on Therapeutic Targets, 2020, 24, 1009-1028.	3.4	29
27	Sex differences in the effects of prenatal bisphenol A exposure on autism-related genes and their relationships with the hippocampus functions. Scientific Reports, 2021, 11, 1241.	3.3	29
28	Protein-Ribosome mRNA Display: Affinity Isolation of Enzyme-Ribosome mRNA Complexes and cDNA Cloning in a Single-Tube Reaction. Analytical Biochemistry, 2000, 287, 294-298.	2.4	28
29	Characterization of the 5'-flanking fragment of the human GM3-synthase gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2003, 1625, 30-35.	2.4	28
30	The PEI-introduced CS shell/PMMA core nanoparticle for silencing the expression of E6/E7 oncogenes in human cervical cells. Carbohydrate Polymers, 2012, 90, 1323-1329.	10.2	27
31	Drugs that offer the potential to reduce hospitalization and mortality from SARS-CoV-2 infection: The possible role of the sigma-1 receptor and autophagy. Expert Opinion on Therapeutic Targets, 2021, 25, 435-449.	3.4	27
32	Effect of N-Glycosylation on Turnover and Subcellular Distribution of N-Acetylgalactosaminyltransferase I and Sialyltransferase II in Neuroblastoma Cells. Journal of Neurochemistry, 2002, 74, 2359-2364.	3.9	26
33	Antiaging, Stress Resistance, and Neuroprotective Efficacies of Cleistocalyx nervosum var. paniala Fruit Extracts Using Caenorhabditis elegans Model. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	26
34	Neuroprotective effects of oolong tea extracts against glutamate-induced toxicity in cultured neuronal cells and Î²-amyloid-induced toxicity in Caenorhabditis elegans. Food and Function, 2020, 11, 8179-8192.	4.6	24
35	Dipentylammonium Binds to the Sigma-1 Receptor and Protects Against Glutamate Toxicity, Attenuates Dopamine Toxicity and Potentiates Neurite Outgrowth in Various Cultured Cell Lines. Neurotoxicity Research, 2018, 34, 263-272.	2.7	23
36	Phenotypic subgrouping and multi-omics analyses reveal reduced diazepam-binding inhibitor (DBI) protein levels in autism spectrum disorder with severe language impairment. PLoS ONE, 2019, 14, e0214198.	2.5	23

#	ARTICLE	IF	CITATIONS
37	Association of angiotensin-converting enzyme gene promoter single nucleotide polymorphisms and haplotype with major depression in a northeastern Thai population. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2009, 10, 179-184.	1.7	22
38	Polygonumins A, a newly isolated compound from the stem of <i>Polygonum minus</i> Huds with potential medicinal activities. <i>Scientific Reports</i> , 2018, 8, 4202.	3.3	21
39	<i>Anacardium Occidentale</i> L. Leaf Extracts Protect Against Glutamate/H ₂ O ₂ -Induced Oxidative Toxicity and Induce Neurite Outgrowth: The Involvement of SIRT1/Nrf2 Signaling Pathway and Teneurin 4 Transmembrane Protein. <i>Frontiers in Pharmacology</i> , 2021, 12, 627738.	3.5	21
40	Gold/cationic polymer nano-scaffolds mediated transfection for non-viral gene delivery system. <i>Carbohydrate Polymers</i> , 2011, 84, 216-222.	10.2	20
41	The emerging role of the sigma-1 receptor in autophagy: hand-in-hand targets for the treatment of Alzheimer's. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 401-414.	3.4	20
42	+276 G/T single nucleotide polymorphism of the adiponectin gene is associated with the susceptibility to biliary atresia. <i>World Journal of Pediatrics</i> , 2012, 8, 328-334.	1.8	19
43	<i>Kaempferia parviflora</i> rhizome extract and <i>Myristica fragrans</i> volatile oil increase the levels of monoamine neurotransmitters and impact the proteomic profiles in the rat hippocampus: Mechanistic insights into their neuroprotective effects. <i>Journal of Traditional and Complementary Medicine</i> , 2017, 7, 538-552.	2.7	19
44	Plant Polyphenols for Aging Health: Implication from Their Autophagy Modulating Properties in Age-Associated Diseases. <i>Pharmaceuticals</i> , 2021, 14, 982.	3.8	19
45	Transcriptional regulation of the human UDP-galactose:ceramide galactosyltransferase (hCGT) gene expression: Functional role of GC-box and CRE. <i>Glycoconjugate Journal</i> , 2003, 20, 339-351.	2.7	18
46	Potential Thai medicinal plants for neurodegenerative diseases: A review focusing on the anti-glutamate toxicity effect. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 301-308.	2.7	18
47	Metabolic Alterations and the Protective Effect of Punicalagin Against Glutamate-Induced Oxidative Toxicity in HT22 Cells. <i>Neurotoxicity Research</i> , 2017, 31, 521-531.	2.7	17
48	Extracts of the Tiger Milk Mushroom (<i>Lignosus rhinocerus</i>) Enhance Stress Resistance and Extend Lifespan in <i>Caenorhabditis elegans</i> via the DAF-16/FoxO Signaling Pathway. <i>Pharmaceuticals</i> , 2021, 14, 93.	3.8	17
49	Health benefits of astaxanthin against age-related diseases of multiple organs: A comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10709-10774.	10.3	17
50	Characterization of the human UDP-galactose:ceramide galactosyltransferase gene promoter. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2001, 1517, 416-423.	2.4	16
51	<i>Acanthus ebracteatus</i> leaf extract provides neuronal cell protection against oxidative stress injury induced by glutamate. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 278.	3.7	16
52	<i>Rhinacanthus nasutus</i> Infusions and the Medicinal Benefits of the Constituent Phytochemicals. <i>Nutrients</i> , 2020, 12, 3776.	4.1	16
53	Simple ammonium salts acting on sigma-1 receptors yield potential treatments for cancer and depression. <i>Scientific Reports</i> , 2020, 10, 9251.	3.3	16
54	<i>Vitis Vinifera</i> Leaf Extract Protects Against Glutamate-Induced Oxidative Toxicity in HT22 Hippocampal Neuronal Cells and Increases Stress Resistance Properties in <i>Caenorhabditis Elegans</i> . <i>Frontiers in Nutrition</i> , 2021, 8, 634100.	3.7	16

#	ARTICLE	IF	CITATIONS
55	Ergosterol isolated from cloud ear mushroom (<i>Auricularia polytricha</i>) attenuates bisphenol A-induced BV2 microglial cell inflammation. <i>Food Research International</i> , 2022, 157, 111433.	6.2	16
56	Acid-base fractions separated from <i>Streblus asper</i> leaf ethanolic extract exhibited antibacterial, antioxidant, anti-acetylcholinesterase, and neuroprotective activities. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 223.	3.7	15
57	Citrus <i>hystrix</i> Extracts Protect Human Neuronal Cells against High Glucose-Induced Senescence. <i>Pharmaceuticals</i> , 2020, 13, 283.	3.8	15
58	Neuroprotective Effects against Glutamate-Induced HT-22 Hippocampal Cell Damage and <i>Caenorhabditis elegans</i> Lifespan/Healthspan Enhancing Activity of <i>Auricularia polytricha</i> Mushroom Extracts. <i>Pharmaceuticals</i> , 2021, 14, 1001.	3.8	15
59	Role of Herbal Teas in Regulating Cellular Homeostasis and Autophagy and Their Implications in Regulating Overall Health. <i>Nutrients</i> , 2021, 13, 2162.	4.1	14
60	Assessment of Anti-TNF- α Activities in Keratinocytes Expressing Inducible TNF- α : A Novel Tool for Anti-TNF- α Drug Screening. <i>PLoS ONE</i> , 2016, 11, e0159151.	2.5	13
61	<i>Momordica charantia</i> L. Extract Protects Hippocampal Neuronal Cells against PAHs-Induced Neurotoxicity: Possible Active Constituents Include Stigmasterol and Vitamin E. <i>Nutrients</i> , 2021, 13, 2368.	4.1	13
62	Neuroprotective Effects of Extracts from Tiger Milk Mushroom <i>Lignosus rhinocerus</i> Against Glutamate-Induced Toxicity in HT22 Hippocampal Neuronal Cells and Neurodegenerative Diseases in <i>Caenorhabditis elegans</i> . <i>Biology</i> , 2021, 10, 30.	2.8	13
63	Expression of gangliosides in an immortalized neural progenitor/stem cell line. <i>Journal of Neuroscience Research</i> , 2003, 74, 769-776.	2.9	12
64	Are religious beliefs and practices of Buddhism associated with disability and salivary cortisol in office workers with chronic low back pain?. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 29.	1.9	12
65	Protection from UVB Toxicity in Human Keratinocytes by Thailand Native Herbs Extracts. <i>Photochemistry and Photobiology</i> , 2014, 90, 214-224.	2.5	12
66	Epigallocatechin-3-Gallate Protects Pro-Acinar Epithelia Against Salivary Gland Radiation Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3162.	4.1	12
67	Current Progress in Production of Flavonoids using Systems and Synthetic Biology Platforms. <i>Sains Malaysiana</i> , 2018, 47, 3077-3084.	0.5	10
68	Effect of <i>Gloriosa superba</i> and <i>Catharanthus roseus</i> Extracts on IFN- γ -Induced Keratin 17 Expression in HaCaT Human Keratinocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11.	1.2	9
69	The protective effect of some Thai plants and their bioactive compounds in UV light-induced skin carcinogenesis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 80-89.	3.8	9
70	<i>Cleistocalyx nervosum</i> var. <i>paniala</i> seed extracts exhibit sigma-1 antagonist sensitive neuroprotective effects in PC12 cells and protect <i>C. elegans</i> from stress via the SKN-1/NRF-2 pathway. <i>Nutrition and Healthy Aging</i> , 2021, , 1-16.	1.1	9
71	<i>Kaempferia parviflora</i> Rhizome Extract Inhibits Glutamate-Induced Toxicity in HT-22 Mouse Hippocampal Neuronal Cells and Extends Longevity in <i>Caenorhabditis elegans</i> . <i>Biology</i> , 2021, 10, 264.	2.8	9
72	Protective Effect of <i>Mangifera indica</i> Linn., <i>Cocos nucifera</i> Linn., and <i>Averrhoa carambola</i> Linn. Extracts against Ultraviolet B-Induced Damage in Human Keratinocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-9.	1.2	8

#	ARTICLE	IF	CITATIONS
73	The role of the sigma-1 receptor in neuroprotection: Comment on Nrf-2 as a therapeutic target in ischemic stroke. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 613-614.	3.4	8
74	Hibiscus sabdariffa extract protects HT-22 cells from glutamate-induced neurodegeneration by upregulating glutamate transporters and exerts lifespan extension in <i>C. elegans</i> via DAF-16 mediated pathway. <i>Nutrition and Healthy Aging</i> , 2021, 6, 229-247.	1.1	8
75	Investigation of gene transferring efficacy through nano-polyplex consisting of methylated N-(4-pyridinylmethyl) chitosan chloride and poly(ethylenimine) in human cell lines. <i>Carbohydrate Polymers</i> , 2010, 80, 276-284.	10.2	7
76	Modulation of Human Serotonin Transporter Expression by 5-HTTLPR in Colon Cells. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6619-6634.	4.1	7
77	Neuroprotective Effects of <i>Glochidion zeylanicum</i> Leaf Extract against H ₂ O ₂ /Glutamate-Induced Toxicity in Cultured Neuronal Cells and A β ² -Induced Toxicity in <i>Caenorhabditis elegans</i> . <i>Biology</i> , 2021, 10, 800.	2.8	7
78	<i>Caesalpinia mimosoides</i> Leaf Extract Promotes Neurite Outgrowth and Inhibits BACE1 Activity in Mutant APP-Overexpressing Neuronal Neuro2a Cells. <i>Pharmaceuticals</i> , 2021, 14, 901.	3.8	7
79	<i>Thunbergia laurifolia</i> Leaf Extract Inhibits Glutamate-Induced Neurotoxicity and Cell Death through Mitophagy Signaling. <i>Antioxidants</i> , 2021, 10, 1678.	5.1	7
80	Polyherbal formulation exerts wound healing, anti-inflammatory, angiogenic and antimicrobial properties: Potential role in the treatment of diabetic foot ulcers. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103330.	3.8	7
81	<i>P. edulis</i> Extract Protects Against Amyloid- β Toxicity in Alzheimer's Disease Models Through Maintenance of Mitochondrial Homeostasis via the FOXO3/DAF-16 Pathway. <i>Molecular Neurobiology</i> , 2022, 59, 5612-5629.	4.0	7
82	Medicinal herbs and antioxidants: potential of <i>Rhinacanthus nasutus</i> for disease treatment?. <i>Phytochemistry Reviews</i> , 2014, 13, 643-651.	6.5	6
83	A High-throughput Nonimmunological Method for Determination of Microalbuminuria Based on Utilization of Albumin Blue 580. <i>Laboratory Medicine</i> , 2008, 39, 727-729.	1.2	5
84	Misgenotyping of dopamine receptor D1 gene α^3 48A/G polymorphism. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 447-449.	1.7	5
85	<i>Streblus asper</i> Lour. exerts MAPK and SKN-1 mediated anti-aging, anti-photoaging activities and imparts neuroprotection by ameliorating A β ² in <i>Caenorhabditis elegans</i> . <i>Nutrition and Healthy Aging</i> , 2021, 6, 211-227.	1.1	5
86	Functional properties and Bioactivities of <i>Cleistocalyx nervosum</i> var. <i>paniala</i> berry plant: a review. <i>Food Science and Technology</i> , 2020, 40, 369-373.	1.7	5
87	ANTIDANDRUFF POTENTIAL OF <i>Kaempheria galanga</i> ETHANOLIC EXTRACTS FOR HAIR CREAM FORMULATION. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2018, 80, .	0.4	4
88	Receptor-interacting protein kinase 1 is a key mediator in TLR3 ligand and Smac mimetic-induced cell death and suppresses TLR3 ligand-promoted invasion in cholangiocarcinoma. <i>Cell Communication and Signaling</i> , 2020, 18, 161.	6.5	4
89	<i>Mucuna pruriens</i> Seed Extract Promotes Neurite Outgrowth via TEN-4 Dependent and Independent Mechanisms in NEURO2A Cells. <i>Sains Malaysiana</i> , 2018, 47, 3009-3015.	0.5	4
90	HydroZitLa inhibits calcium oxalate stone formation in nephrolithic rats and promotes longevity in nematode <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2022, 12, 5102.	3.3	4

#	ARTICLE	IF	CITATIONS
91	Nano-polyplex as a non-viral gene carrier for the expression of bone morphogenetic protein in osteoblastic cells. <i>Carbohydrate Polymers</i> , 2011, 86, 587-593.	10.2	3
92	Acceleration of gene transfection efficiency in neuroblastoma cells through polyethyleneimine/poly(methyl methacrylate) core-shell magnetic nanoparticles. <i>International Journal of Nanomedicine</i> , 2012, 7, 2783.	6.7	3
93	Rhinacanthus Nasutus Extract as a Neuroprotectant. , 2015, , 77-84.		3
94	Data on the effects of Glochidion zeylanicum leaf extracts in Caenorhabditis elegans. <i>Data in Brief</i> , 2019, 26, 104461.	1.0	3
95	Interaction of serotonin-related genes affects short-term antidepressant response in major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 432.	4.8	2
96	Influence of demographic factors and serotonin transporter-linked polymorphic region (5-HTTLPR) variants on major depression in a northeastern Thai population. <i>Asian Biomedicine</i> , 2010, 4, 893-899.	0.3	2
97	DAF-16 and SKN-1 mediate Anti-aging and Neuroprotective efficacies of Thai ginseng Kaempferia parviflora Rhizome extract in Caenorhabditis elegans. <i>Nutrition and Healthy Aging</i> , 2022, , 1-16.	1.1	2
98	Rhinacanthin-C but Not -D Extracted from Rhinacanthus nasutus (L.) Kurz Offers Neuroprotection via ERK, CHOP, and LC3B Pathways. <i>Pharmaceuticals</i> , 2022, 15, 627.	3.8	2
99	Paper-Based Analytical Device for Real-Time Monitoring of Egg Hatching in the Model Nematode <i>Caenorhabditis elegans</i> . <i>ACS Sensors</i> , 2020, 5, 1750-1757.	7.8	1
100	Unraveling the mode of action of medicinal plants in delaying age-related diseases using model organisms. , 2021, , 37-60.		1
101	Functional properties of <i>Streblus asper</i> Lour.: a review. <i>Food Science and Technology</i> , 0, 42, .	1.7	0