

# Tewin Tencomnao

## List of Publications by Year in descending order

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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	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
2	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
3	DAF-16 and SKN-1 mediate Anti-aging and Neuroprotective efficacies of <i>Æthai ginseng</i> <i>Kaempferia parviflora</i> Rhizome extract in <i>Caenorhabditis elegans</i> . <i>Nutrition and Healthy Aging</i> , 2022, , 1-16.	1.1	2
4	Rhinacanthin-C but Not -D Extracted from <i>Rhinacanthus nasutus</i> (L.) Kurz Offers Neuroprotection via ERK, CHOP, and LC3B Pathways. <i>Pharmaceutics</i> , 2022, 15, 627.	3.8	2
5	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
6	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
7	<i>P. edulis</i> Extract Protects Against Amyloid- $\beta^2$ 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
8	Unraveling the mode of action of medicinal plants in delaying age-related diseases using model organisms. , 2021, , 37-60.		1
9	The effectiveness of <i>Bacopa monnieri</i> (Linn.) Wettst. as a nootropic, neuroprotective, or antidepressant supplement: analysis of the available clinical data. <i>Scientific Reports</i> , 2021, 11, 596.	3.3	33
10	Sex differences in the effects of prenatal bisphenol A exposure on autism-related genes and their relationships with the hippocampus functions. <i>Scientific Reports</i> , 2021, 11, 1241.	3.3	29
11	<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
12	<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
13	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
14	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
15	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
16	<i>Anacardium Occidentale</i> L. Leaf Extracts Protect Against Glutamate/H <sub>2</sub> O <sub>2</sub> -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
17	<i>Streblus asper</i> Lour. exerts MAPK and SKN-1 mediated anti-aging, anti-photoaging activities and imparts neuroprotection by ameliorating A $\beta^2$ in <i>Caenorhabditis elegans</i> . <i>Nutrition and Healthy Aging</i> , 2021, 6, 211-227.	1.1	5
18	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

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19	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
20	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. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 435-449.	3.4	27
21	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
22	Momordica charantia 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
23	Neuroprotective Effects of Glochidion zeylanicum Leaf Extract against H <sub>2</sub> O <sub>2</sub> /Glutamate-Induced Toxicity in Cultured Neuronal Cells and A $\beta$ <sup>2</sup> -Induced Toxicity in <i>Caenorhabditis elegans</i> . <i>Biology</i> , 2021, 10, 800.	2.8	7
24	Caesalpinia mimosoides 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
25	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
26	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
27	Plant Polyphenols for Aging Health: Implication from Their Autophagy Modulating Properties in Age-Associated Diseases. <i>Pharmaceuticals</i> , 2021, 14, 982.	3.8	19
28	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
29	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
30	Vitis Vinifera 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
31	Thunbergia laurifolia Leaf Extract Inhibits Glutamate-Induced Neurotoxicity and Cell Death through Mitophagy Signaling. <i>Antioxidants</i> , 2021, 10, 1678.	5.1	7
32	Bacopa monnieri (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
33	Citrus hystrix Extracts Protect Human Neuronal Cells against High Glucose-Induced Senescence. <i>Pharmaceuticals</i> , 2020, 13, 283.	3.8	15
34	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
35	Using sigma-ligands as part of a multi-receptor approach to target diseases of the brain. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 1009-1028.	3.4	29
36	Neuroprotective Properties of Green Tea ( <i>Camellia sinensis</i> ) in Parkinson's Disease: A Review. <i>Molecules</i> , 2020, 25, 3926.	3.8	46

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37	Neuroprotective effects of oolong tea extracts against glutamate-induced toxicity in cultured neuronal cells and $\text{A}\beta$ -amyloid-induced toxicity in <i>Caenorhabditis elegans</i> . <i>Food and Function</i> , 2020, 11, 8179-8192.	4.6	24
38	<i>Rhinacanthus nasutus</i> Tea Infusions and the Medicinal Benefits of the Constituent Phytochemicals. <i>Nutrients</i> , 2020, 12, 3776.	4.1	16
39	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
40	Prenatal exposure to bisphenol A alters the transcriptome-interactome profiles of genes associated with Alzheimer's disease in the offspring hippocampus. <i>Scientific Reports</i> , 2020, 10, 9487.	3.3	33
41	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
42	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
43	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
44	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
45	<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
46	<i>Clerodendrum petasites</i> S. Moore: The therapeutic potential of phytochemicals, hispidulin, vanillic acid, verbascoside, and apigenin. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109319.	5.6	29
47	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
48	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
49	Data on the effects of <i>Glochidion zeylanicum</i> leaf extracts in <i>Caenorhabditis elegans</i> . <i>Data in Brief</i> , 2019, 26, 104461.	1.0	3
50	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
51	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
52	Phenotypic subgrouping and multi-omics analyses reveal reduced diazepam-binding inhibitor (DBI) protein levels in autism spectrum disorder with severe language impairment. <i>PLoS ONE</i> , 2019, 14, e0214198.	2.5	23
53	Antiaging, Stress Resistance, and Neuroprotective Efficacies of <i>Cleistocalyx nervosum</i> var. <i>paniala</i> Fruit Extracts Using <i>Caenorhabditis elegans</i> Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	26
54	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

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55	Integrated genome-wide Alu methylation and transcriptome profiling analyses reveal novel epigenetic regulatory networks associated with autism spectrum disorder. <i>Molecular Autism</i> , 2018, 9, 27.	4.9	32
56	Dipentylammonium Binds to the Sigma-1 Receptor and Protects Against Glutamate Toxicity, Attenuates Dopamine Toxicity and Potentiates Neurite Outgrowth in Various Cultured Cell Lines. <i>Neurotoxicity Research</i> , 2018, 34, 263-272.	2.7	23
57	ANTIDANDRUFF POTENTIAL OF <i>Kaempferia galanga</i> ETHANOLIC EXTRACTS FOR HAIR CREAM FORMULATION. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2018, 80, .	0.4	4
58	<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
59	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
60	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
61	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
62	<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
63	Current Progress in Production of Flavonoids using Systems and Synthetic Biology Platforms. <i>Sains Malaysiana</i> , 2018, 47, 3077-3084.	0.5	10
64	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
65	<i>Cleistocalyx nervosum</i> var. <i>paniala</i> berry fruit protects neurotoxicity against endoplasmic reticulum stress-induced apoptosis. <i>Food and Chemical Toxicology</i> , 2017, 103, 279-288.	3.6	33
66	<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
67	Ethanolic extract of <i>Streblus asper</i> leaves protects against glutamate-induced toxicity in HT22 hippocampal neuronal cells and extends lifespan of <i>Caenorhabditis elegans</i> . <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 551.	3.7	32
68	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
69	Assessment of Anti-TNF- $\alpha$ Activities in Keratinocytes Expressing Inducible TNF- $\alpha$ : A Novel Tool for Anti-TNF- $\alpha$ Drug Screening. <i>PLoS ONE</i> , 2016, 11, e0159151.	2.5	13
70	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
71	<i>Rhinacanthus Nasutus</i> Extract as a Neuroprotectant. , 2015, , 77-84.		3
72	Turmeric Toxicity in A431 Epidermoid Cancer Cells Associates with Autophagy Degradation of Anti-apoptotic and Anti-autophagic p53 Mutant. <i>Phytotherapy Research</i> , 2014, 28, 1761-1769.	5.8	32

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73	Effect of <i>Gloriosa superba</i> and <i>Catharanthus roseus</i> Extracts on IFN- $\gamma$ -Induced Keratin 17 Expression in HaCaT Human Keratinocytes. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-11.	1.2	9
74	Protection from UVB Toxicity in Human Keratinocytes by Thailand Native Herbs Extracts. Photochemistry and Photobiology, 2014, 90, 214-224.	2.5	12
75	Medicinal herbs and antioxidants: potential of <i>Rhinacanthus nasutus</i> for disease treatment?. Phytochemistry Reviews, 2014, 13, 643-651.	6.5	6
76	Are religious beliefs and practices of Buddhism associated with disability and salivary cortisol in office workers with chronic low back pain?. BMC Musculoskeletal Disorders, 2013, 14, 29.	1.9	12
77	Amyloidosis in Alzheimer's Disease: The Toxicity of Amyloid Beta ( $A\beta$ ), Mechanisms of Its Accumulation and Implications of Medicinal Plants for Therapy. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.	1.2	63
78	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
79	+276 G/T single nucleotide polymorphism of the adiponectin gene is associated with the susceptibility to biliary atresia. World Journal of Pediatrics, 2012, 8, 328-334.	1.8	19
80	<i>Rhinacanthus nasutus</i> Extracts Prevent Glutamate and Amyloid- $\beta$ Neurotoxicity in HT-22 Mouse Hippocampal Cells: Possible Active Compounds Include Lupeol, Stigmasterol and $\beta$ -Sitosterol. International Journal of Molecular Sciences, 2012, 13, 5074-5097.	4.1	65
81	Acceleration of gene transfection efficiency in neuroblastoma cells through poly(ethyleneimine)/poly(methyl methacrylate) core-shell magnetic nanoparticles. International Journal of Nanomedicine, 2012, 7, 2783.	6.7	3
82	Effects of Thai Medicinal Herb Extracts with Anti-Psoriatic Activity on the Expression on NF- $\kappa$ B Signaling Biomarkers in HaCaT Keratinocytes. Molecules, 2011, 16, 3908-3932.	3.8	57
83	<i>Rhinacanthus nasutus</i> Protects Cultured Neuronal Cells against Hypoxia Induced Cell Death. Molecules, 2011, 16, 6322-6338.	3.8	34
84	Nano-polyplex as a non-viral gene carrier for the expression of bone morphogenetic protein in osteoblastic cells. Carbohydrate Polymers, 2011, 86, 587-593.	10.2	3
85	Gold/cationic polymer nano-scaffolds mediated transfection for non-viral gene delivery system. Carbohydrate Polymers, 2011, 84, 216-222.	10.2	20
86	Modulation of Human Serotonin Transporter Expression by 5-HTTLPR in Colon Cells. International Journal of Molecular Sciences, 2011, 12, 6619-6634.	4.1	7
87	Investigation of gene transferring efficacy through nano-polyplex consisting of methylated N-(4-pyridinylmethyl) chitosan chloride and poly(ethyleneimine) in human cell lines. Carbohydrate Polymers, 2010, 80, 276-284.	10.2	7
88	Association between Toll-like receptor 2 (TLR2) polymorphisms and asymptomatic bancroftian filariasis. Parasitology Research, 2010, 107, 807-816.	1.6	41
89	Interaction of serotonin-related genes affects short-term antidepressant response in major depressive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 432.	4.8	2
90	Influence of demographic factors and serotonin transporter-linked polymorphic region (5-HTTLPR) variants on major depression in a northeastern Thai population. Asian Biomedicine, 2010, 4, 893-899.	0.3	2

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91	Association of angiotensin-converting enzyme gene promoter single nucleotide polymorphisms and haplotype with major depression in a northeastern Thai population. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2009, 10, 179-184.	1.7	22
92	Misgenotyping of dopamine receptor D1 gene $\alpha$ 48A/G polymorphism. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 447-449.	1.7	5
93	A High-throughput Nonimmunological Method for Determination of Microalbuminuria Based on Utilization of Albumin Blue 580. Laboratory Medicine, 2008, 39, 727-729.	1.2	5
94	Transcriptional regulation of the human UDP-galactose:ceramide galactosyltransferase (hCGT) gene expression: Functional role of GC-box and CRE. Glycoconjugate Journal, 2003, 20, 339-351.	2.7	18
95	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
96	Expression of gangliosides in an immortalized neural progenitor/stem cell line. Journal of Neuroscience Research, 2003, 74, 769-776.	2.9	12
97	Regulation of Ganglioside Biosynthesis by Enzyme Complex Formation of Glycosyltransferases. Biochemistry, 2002, 41, 11479-11487.	2.5	45
98	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
99	Characterization of the human UDP-galactose:ceramide galactosyltransferase gene promoter. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1517, 416-423.	2.4	16
100	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
101	Functional properties of Streblus asper Lour.: a review. Food Science and Technology, 0, 42, .	1.7	0