

# Nae-Cherng Yang

## List of Publications by Year in descending order

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25  
papers

976  
citations

623734

14  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1599  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Convenient One-Step Extraction of Cellular ATP Using Boiling Water for the Luciferin-Luciferase Assay of ATP. <i>Analytical Biochemistry</i> , 2002, 306, 323-327.	2.4	203
2	The limitations and validities of senescence associated- $\beta$ -galactosidase activity as an aging marker for human foreskin fibroblast Hs68 cells. <i>Experimental Gerontology</i> , 2005, 40, 813-819.	2.8	179
3	Nattokinase decreases plasma levels of fibrinogen, factor VII, and factor VIII in human subjects. <i>Nutrition Research</i> , 2009, 29, 190-196.	2.9	92
4	Antihypertensive effect of mulberry leaf aqueous extract containing $\beta$ -aminobutyric acid in spontaneously hypertensive rats. <i>Food Chemistry</i> , 2012, 132, 1796-1801.	8.2	75
5	Antiproliferative and antimetastatic effects of the ethanolic extract of <i>Phellinus igniarius</i> (Linneaus: Fries) Quelet. <i>Journal of Ethnopharmacology</i> , 2008, 115, 50-56.	4.1	52
6	A fluorimetric method using fluorescein di- $\beta$ -D-galactopyranoside for quantifying the senescence-associated $\beta$ -galactosidase activity in human foreskin fibroblast Hs68 cells. <i>Analytical Biochemistry</i> , 2004, 325, 337-343.	2.4	49
7	Evaluation of Resveratrol Oxidation in Vitro and the Crucial Role of Bicarbonate Ions. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 63-68.	1.3	45
8	Lycopene Inhibits Metastasis of Human Liver Adenocarcinoma SK-Hep-1 Cells by Downregulation of NADPH Oxidase 4 Protein Expression. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6893-6903.	5.2	38
9	Protective Effects and Possible Mechanisms of Ergothioneine and Hispidin against Methylglyoxal-Induced Injuries in Rat Pheochromocytoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	35
10	DHEA inhibits cell growth and induces apoptosis in BV-2 cells and the effects are inversely associated with glucose concentration in the medium. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000, 75, 159-166.	2.5	30
11	Effects of 2-deoxyglucose and dehydroepiandrosterone on intracellular NAD <sup>+</sup> level, SIRT1 activity and replicative lifespan of human Hs68 cells. <i>Biogerontology</i> , 2011, 12, 527-536.	3.9	26
12	ATP depletion is an important factor in DHEA-induced growth inhibition and apoptosis in BV-2 cells. <i>Life Sciences</i> , 2002, 70, 1979-1988.	4.3	24
13	Comparing the functional components, SOD-like activities, antimutagenicity, and nutrient compositions of <i>Phellinus igniarius</i> and <i>Phellinus linteus</i> mushrooms. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 343-349.	1.9	18
14	The anti-angiogenic action of 2-deoxyglucose involves attenuation of VEGFR2 signaling and MMP-2 expression in HUVECs. <i>Life Sciences</i> , 2015, 139, 52-61.	4.3	16
15	Up-regulation of nicotinamide phosphoribosyltransferase and increase of NAD <sup>+</sup> levels by glucose restriction extend replicative lifespan of human fibroblast Hs68 cells. <i>Biogerontology</i> , 2015, 16, 31-42.	3.9	14
16	A Nampt inhibitor FK866 mimics vitamin B3 deficiency by causing senescence of human fibroblastic Hs68 cells via attenuation of NAD <sup>+</sup> -SIRT1 signaling. <i>Biogerontology</i> , 2015, 16, 789-800.	3.9	14
17	Effects of <i>Cajanus cajan</i> (L.) Millsp. Roots Extracts on the Antioxidant and Anti-inflammatory Activities. <i>Chinese Journal of Physiology</i> , 2020, 63, 137-148.	1.0	14
18	A randomized, double-blind, placebo-controlled trial to evaluate the hypoglycemic efficacy of the mCRBP-19-containing <i>Momordica charantia</i> L. fruit extracts in the type 2 diabetic subjects. <i>Food and Nutrition Research</i> , 2022, 66, .	2.6	12

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19	Nutritional Composition, Bioactive Compounds and Functional Evaluation of Various Parts of <i>Cajanus cajan</i> (L.) Millsp. <i>Agriculture (Switzerland)</i> , 2020, 10, 558.	3.1	9
20	The Lifespan Extension Ability of Nicotinic Acid Depends on Whether the Intracellular NAD <sup>+</sup> Level Is Lower than the Sirtuin-Saturating Concentrations. <i>International Journal of Molecular Sciences</i> , 2020, 21, 142.	4.1	8
21	Cytotoxic and apoptotic effects of caffeate derivatives on A549 human lung carcinoma cells. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 535-543.	1.4	6
22	Parapyruvate, an Impurity in Pyruvate Supplements, Induces Senescence in Human Fibroblastic Hs68 Cells via Inhibition of the $\alpha$ -Ketoglutarate Dehydrogenase Complex. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7504-7513.	5.2	5
23	Lycopene in Combination With Sorafenib Additively Inhibits Tumor Metastasis in Mice Xenografted With Lewis Lung Carcinoma Cells. <i>Frontiers in Nutrition</i> , 2022, 9, .	3.7	5
24	Resveratrol Can Be Stable in a Medium Containing Fetal Bovine Serum with Pyruvate but Shortens the Lifespan of Human Fibroblastic Hs68 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	4.0	4
25	Using Taguchi Method to Determine the Optimum Conditions for Synthesizing Parapyruvate. <i>Molecules</i> , 2022, 27, 1870.	3.8	3