John D Young

List of Publications by Citations

56 papers	2,694 citations	28 h-index	51 g-index
59 ext. papers	3,436 ext. citations	7.3 avg, IF	5.15 L-index

#	Paper	IF	Citations
56	Ganoderma lucidum reduces obesity in mice by modulating the composition of the gut microbiota. *Nature Communications*, **2015**, 6, 7489	17.4	620
55	Gut commensal plays a predominant role in the anti-obesity effects of polysaccharides isolated from. *Gut*, **2019**, 68, 248-262	19.2	272
54	Anti-obesogenic and antidiabetic effects of plants and mushrooms. *Nature Reviews Endocrinology*, **2017**, 13, 149-160	15.2	152
53	Effects of obesity on depression: A role for inflammation and the gut microbiota. *Brain, Behavior, and Immunity*, **2018**, 69, 1-8	16.6	89
52	The involvement of interleukin (IL)-15 in regulating the differentiation of granulated metrial gland cells in mouse pregnant uterus. *Journal of Experimental Medicine*, **1996**, 184, 2405-10	16.6	82
51	Impact of the gut microbiota, prebiotics, and probiotics on human health and disease. *Biomedical Journal*, **2014**, 37, 259-68	7.1	81
50	Putative nanobacteria represent physiological remnants and culture by-products of normal calcium homeostasis. *PLoS ONE*, **2009**, 4, e4417	3.7	79
49	Hormetic Effects of Phytochemicals on Health and Longevity. *Trends in Endocrinology and Metabolism*, **2019**, 30, 335-346	8.8	69
48	Characterization of granulations of calcium and apatite in serum as pleomorphic mineralo-protein complexes and as precursors of putative nanobacteria. *PLoS ONE*, **2009**, 4, e5421	3.7	69
47	NK cells kill mycobacteria directly by releasing perforin and granulysin. *Journal of Leukocyte Biology* , **2014**, 96, 1119-29	6.5	64
46	Saliva protein biomarkers to detect oral squamous cell carcinoma in a high-risk population in Taiwan. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 11549-11554	11.5	64
45	Comprehensive proteomic analysis of mineral nanoparticles derived from human body fluids and analyzed by liquid chromatography-tandem mass spectrometry. *Analytical Biochemistry*, **2011**, 418, 111-25	3.1	62
44	Fetuin-A/albumin-mineral complexes resembling serum calcium granules and putative nanobacteria: demonstration of a dual inhibition-seeding concept. *PLoS ONE*, **2009**, 4, e8058	3.7	59
43	Identification of CD24 as a cancer stem cell marker in human nasopharyngeal carcinoma. *PLoS ONE*, **2014**, 9, e99412	3.7	43
42	Physicochemical and biological properties of biomimetic mineralo-protein nanoparticles formed spontaneously in biological fluids. *Small*, **2013**, 9, 2297-307	11	41
41	Antiaging effects of bioactive molecules isolated from plants and fungi. *Medicinal Research Reviews* , **2019**, 39, 1515-1552	14.4	40
40	The rise and fall of nanobacteria. *Scientific American*, **2010**, 302, 52-9	0.5	39

39	Immunomodulatory Properties of Plants and Mushrooms. *Trends in Pharmacological Sciences*, **2017**, 38, 967-981	13.2	36
38	cis-Resveratrol produces anti-inflammatory effects by inhibiting canonical and non-canonical inflammasomes in macrophages. *Innate Immunity*, **2014**, 20, 735-50	2.7	36
37	Mineral particles stimulate innate immunity through neutrophil extracellular traps containing HMGB1. *Scientific Reports*, **2017**, 7, 16628	4.9	34
36	Critical evaluation of gamma-irradiated serum used as feeder in the culture and demonstration of putative nanobacteria and calcifying nanoparticles. *PLoS ONE*, **2010**, 5, e10343	3.7	34
35	Bions: a family of biomimetic mineralo-organic complexes derived from biological fluids. *PLoS ONE*, **2013**, 8, e75501	3.7	34
34	Hirsutella sinensis mycelium attenuates bleomycin-induced pulmonary inflammation and fibrosis in vivo. *Scientific Reports*, **2015**, 5, 15282	4.9	32
33	Serum-derived nanoparticles: de novo generation and growth in vitro, and internalization by mammalian cells in culture. *Nanomedicine*, **2011**, 6, 643-58	5.6	32
32	Biomimetic Properties of Minerals and the Search for Life in the Martian Meteorite ALH84001. *Annual Review of Earth and Planetary Sciences*, **2012**, 40, 167-193	15.3	32
31	The medicinal fungus Antrodia cinnamomea suppresses inflammation by inhibiting the NLRP3 inflammasome. *Journal of Ethnopharmacology*, **2014**, 155, 154-64	5	30
30	Is the inflammasome relevant for epithelial cell function?. *Microbes and Infection*, **2016**, 18, 93-101	9.3	29
29	Phytochemicals as Prebiotics and Biological Stress Inducers. *Trends in Biochemical Sciences*, **2020**, 45, 462-471	10.3	27
28	Of nanobacteria, nanoparticles, biofilms and their role in health and disease: facts, fancy and future. *Nanomedicine*, **2014**, 9, 483-99	5.6	27
27	Detection and characterization of mineralo-organic nanoparticles in human kidneys. *Scientific Reports*, **2015**, 5, 15272	4.9	27
26	Immunomodulatory properties of medicinal mushrooms: differential effects of water and ethanol extracts on NK cell-mediated cytotoxicity. *Innate Immunity*, **2016**, 22, 522-33	2.7	27
25	Fatty acids and small organic compounds bind to mineralo-organic nanoparticles derived from human body fluids as revealed by metabolomic analysis. *Nanoscale*, **2016**, 8, 5537-45	7.7	26
24	Membrane vesicles nucleate mineralo-organic nanoparticles and induce carbonate apatite precipitation in human body fluids. *Journal of Biological Chemistry*, **2013**, 288, 30571-30584	5.4	26
23	Emerging use of senolytics and senomorphics against aging and chronic diseases. *Medicinal Research Reviews*, **2020**, 40, 2114-2131	14.4	20
22	NK Cell-Derived IFN-Protects against Nontuberculous Mycobacterial Lung Infection. *Journal of Immunology*, **2018**, 201, 1478-1490	5.3	18

21	An iron detection system determines bacterial swarming initiation and biofilm formation. *Scientific Reports*, **2016**, 6, 36747	4.9	18
20	A story told by a single nanoparticle in the body fluid: demonstration of dissolution-reprecipitation of nanocrystals in a biological system. *Nanomedicine*, **2015**, 10, 2659-76	5.6	17
19	Myths and Realities Surrounding the Mysterious Caterpillar Fungus. *Trends in Biotechnology*, **2017**, 35, 1017-1021	15.1	15
18	Antrodia cinnamomea induces anti-tumor activity by inhibiting the STAT3 signaling pathway in lung cancer cells. *Scientific Reports*, **2019**, 9, 5145	4.9	14
17	Antrodia cinnamomea produces anti-angiogenic effects by inhibiting the VEGFR2 signaling pathway. *Journal of Ethnopharmacology*, **2018**, 220, 239-249	5	14
16	Nanoparticle conversion to biofilms: in vitro demonstration using serum-derived mineralo-organic nanoparticles. *Nanomedicine*, **2015**, 10, 3519-35	5.6	14
15	Gut barrier disruption and chronic disease.. *Trends in Endocrinology and Metabolism*, **2022**,	8.8	12
14	Recent advances in the field of caloric restriction mimetics and anti-aging molecules. *Ageing Research Reviews*, **2021**, 66, 101240	12	12
13	Isolation, Culture and Characterization of Hirsutella sinensis Mycelium from Caterpillar Fungus Fruiting Body. *PLoS ONE*, **2017**, 12, e0168734	3.7	11
12	Translocation of mineralo-organic nanoparticles from blood to urine: a new mechanism for the formation of kidney stones?. *Nanomedicine*, **2016**, 11, 2399-404	5.6	11
11	Formation and characteristics of biomimetic mineralo-organic particles in natural surface water. *Scientific Reports*, **2016**, 6, 28817	4.9	10
10	Pleomorphic bacteria-like structures in human blood represent non-living membrane vesicles and protein particles. *Scientific Reports*, **2017**, 7, 10650	4.9	8
9	Mineralo-organic nanoparticles in health and disease: an overview of recent findings. *Nanomedicine*, **2018**, 13, 1787-1793	5.6	8
8	Plant and fungal products that extend lifespan in. *Microbial Cell*, **2020**, 7, 255-269	3.9	7
7	Comprehensive organic profiling of biological particles derived from blood. *Scientific Reports*, **2018**, 8, 11310	4.9	6
6	Pinicolol B from Antrodia cinnamomea induces apoptosis of nasopharyngeal carcinoma cells. *Journal of Ethnopharmacology*, **2017**, 201, 117-122	5	5
5	Alternative functions for the multifarious inflammasome. *Biomedical Journal*, **2016**, 39, 183-7	7.1	4
4	Ectopic calcification and formation of mineralo-organic particles in arteries of diabetic subjects. *Scientific Reports*, **2020**, 10, 8545	4.9	2

3	stimulates autophagy-dependent longevity pathways in and human cells. *Aging*, **2021**, 13, 13474-13495	5.6	1
2	Investigation of foreign materials in gingival lesions: a clinicopathologic, energy-dispersive microanalysis of the lesions and in vitro confirmation of pro-inflammatory effects of the foreign materials. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 128, 250-267	2	0
1	Physical attributes of salivary calcium particles and their interaction with gingival epithelium.. *Biomedical Journal*, **2021**, 44, 686-693	7.1	0