

# John D Young

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

4,061  
citations

126708

33  
h-index

143772

57  
g-index

59  
all docs

59  
docs citations

59  
times ranked

5526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ganoderma lucidum reduces obesity in mice by modulating the composition of the gut microbiota. Nature Communications, 2015, 6, 7489.	5.8	926
2	Gut commensal <i>Parabacteroides goldsteinii</i> plays a predominant role in the anti-obesity effects of polysaccharides isolated from <i>Hirsutella sinensis</i> . Gut, 2019, 68, 248-262.	6.1	524
3	Anti-obesogenic and antidiabetic effects of plants and mushrooms. Nature Reviews Endocrinology, 2017, 13, 149-160.	4.3	213
4	Gut barrier disruption and chronic disease. Trends in Endocrinology and Metabolism, 2022, 33, 247-265.	3.1	153
5	Effects of obesity on depression: A role for inflammation and the gut microbiota. Brain, Behavior, and Immunity, 2018, 69, 1-8.	2.0	148
6	NK cells kill mycobacteria directly by releasing perforin and granulysin. Journal of Leukocyte Biology, 2014, 96, 1119-1129.	1.5	105
7	Hormetic Effects of Phytochemicals on Health and Longevity. Trends in Endocrinology and Metabolism, 2019, 30, 335-346.	3.1	105
8	Impact of the gut microbiota, prebiotics, and probiotics on human health and disease. Biomedical Journal, 2014, 37, 259.	1.4	99
9	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, 2405-2410.	4.2	95
10	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.	3.3	91
11	Putative Nanobacteria Represent Physiological Remnants and Culture By-Products of Normal Calcium Homeostasis. PLoS ONE, 2009, 4, e4417.	1.1	84
12	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.	1.1	76
13	Could nasal nitric oxide help to mitigate the severity of COVID-19?. Microbes and Infection, 2020, 22, 168-171.	1.0	74
14	Emerging use of senolytics and senomorphics against aging and chronic diseases. Medicinal Research Reviews, 2020, 40, 2114-2131.	5.0	71
15	Comprehensive proteomic analysis of mineral nanoparticles derived from human body fluids and analyzed by liquid chromatography-tandem mass spectrometry. Analytical Biochemistry, 2011, 418, 111-125.	1.1	69
16	Fetuin-A/Albumin-Mineral Complexes Resembling Serum Calcium Granules and Putative Nanobacteria: Demonstration of a Dual Inhibition-Seeding Concept. PLoS ONE, 2009, 4, e8058.	1.1	69
17	Physicochemical and Biological Properties of Biomimetic Mineralo-Protein Nanoparticles Formed Spontaneously in Biological Fluids. Small, 2013, 9, 2297-2307.	5.2	54
18	Antiaging effects of bioactive molecules isolated from plants and fungi. Medicinal Research Reviews, 2019, 39, 1515-1552.	5.0	54

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19	Phytochemicals as Prebiotics and Biological Stress Inducers. Trends in Biochemical Sciences, 2020, 45, 462-471.	3.7	54
20	Immunomodulatory Properties of Plants and Mushrooms. Trends in Pharmacological Sciences, 2017, 38, 967-981.	4.0	50
21	Identification of CD24 as a Cancer Stem Cell Marker in Human Nasopharyngeal Carcinoma. PLoS ONE, 2014, 9, e99412.	1.1	49
22	Bions: A Family of Biomimetic Mineralo-Organic Complexes Derived from Biological Fluids. PLoS ONE, 2013, 8, e75501.	1.1	49
23	The Rise and Fall of Nanobacteria. Scientific American, 2010, 302, 52-59.	1.0	46
24	Mineral particles stimulate innate immunity through neutrophil extracellular traps containing HMGB1. Scientific Reports, 2017, 7, 16628.	1.6	44
25	<i>cis</i> -Resveratrol produces anti-inflammatory effects by inhibiting canonical and non-canonical inflammasomes in macrophages. Innate Immunity, 2014, 20, 735-750.	1.1	43
26	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.	4.6	40
27	Of nanobacteria, nanoparticles, biofilms and their role in health and disease: facts, fancy and future. Nanomedicine, 2014, 9, 483-499.	1.7	39
28	Immunomodulatory properties of medicinal mushrooms: differential effects of water and ethanol extracts on NK cell-mediated cytotoxicity. Innate Immunity, 2016, 22, 522-533.	1.1	39
29	The medicinal fungus <i>Antrodia cinnamomea</i> suppresses inflammation by inhibiting the NLRP3 inflammasome. Journal of Ethnopharmacology, 2014, 155, 154-164.	2.0	38
30	Recent advances in the field of caloric restriction mimetics and anti-aging molecules. Ageing Research Reviews, 2021, 66, 101240.	5.0	38
31	<i>Hirsutella sinensis</i> mycelium attenuates bleomycin-induced pulmonary inflammation and fibrosis in vivo. Scientific Reports, 2015, 5, 15282.	1.6	37
32	Is the inflammasome relevant for epithelial cell function?. Microbes and Infection, 2016, 18, 93-101.	1.0	37
33	Serum-derived nanoparticles: <i>de novo</i> generation and growth <i>in vitro</i> , and internalization by mammalian cells in culture. Nanomedicine, 2011, 6, 643-658.	1.7	36
34	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.	1.1	35
35	Detection and characterization of mineralo-organic nanoparticles in human kidneys. Scientific Reports, 2015, 5, 15272.	1.6	34
36	Fatty acids and small organic compounds bind to mineralo-organic nanoparticles derived from human body fluids as revealed by metabolomic analysis. Nanoscale, 2016, 8, 5537-5545.	2.8	34

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37	NK Cellâ€™Derived IFN- $\gamma$ Protects against Nontuberculous Mycobacterial Lung Infection. Journal of Immunology, 2018, 201, 1478-1490.	0.4	33
38	An iron detection system determines bacterial swarming initiation and biofilm formation. Scientific Reports, 2016, 6, 36747.	1.6	31
39	Membrane Vesicles Nucleate Mineralo-organic Nanoparticles and Induce Carbonate Apatite Precipitation in Human Body Fluids. Journal of Biological Chemistry, 2013, 288, 30571-30584.	1.6	29
40	A story told by a single nanoparticle in the body fluid: demonstration of dissolution-reprecipitation of nanocrystals in a biological system. Nanomedicine, 2015, 10, 2659-2676.	1.7	22
41	Myths and Realities Surrounding the Mysterious Caterpillar Fungus. Trends in Biotechnology, 2017, 35, 1017-1021.	4.9	19
42	Antrodia cinnamomea induces anti-tumor activity by inhibiting the STAT3 signaling pathway in lung cancer cells. Scientific Reports, 2019, 9, 5145.	1.6	18
43	Antrodia cinnamomea produces anti-angiogenic effects by inhibiting the VEGFR2 signaling pathway. Journal of Ethnopharmacology, 2018, 220, 239-249.	2.0	17
44	Plant and fungal products that extend lifespan in Caenorhabditis elegans. Microbial Cell, 2020, 7, 255-269.	1.4	17
45	Formation and characteristics of biomimetic mineralo-organic particles in natural surface water. Scientific Reports, 2016, 6, 28817.	1.6	16
46	Nanoparticle conversion to biofilms: <i>in vitro</i> demonstration using serum-derived mineralo-organic nanoparticles. Nanomedicine, 2015, 10, 3519-3535.	1.7	15
47	Pleomorphic bacteria-like structures in human blood represent non-living membrane vesicles and protein particles. Scientific Reports, 2017, 7, 10650.	1.6	15
48	Isolation, Culture and Characterization of Hirsutella sinensis Mycelium from Caterpillar Fungus Fruiting Body. PLoS ONE, 2017, 12, e0168734.	1.1	14
49	Mineralo-organic nanoparticles in health and disease: an overview of recent findings. Nanomedicine, 2018, 13, 1787-1793.	1.7	12
50	Translocation of mineralo-organic nanoparticles from blood to urine: a new mechanism for the formation of kidney stones?. Nanomedicine, 2016, 11, 2399-2404.	1.7	11
51	Ganoderma lucidum stimulates autophagy-dependent longevity pathways in Caenorhabditis elegans and human cells. Aging, 2021, 13, 13474-13495.	1.4	10
52	Ectopic calcification and formation of mineralo-organic particles in arteries of diabetic subjects. Scientific Reports, 2020, 10, 8545.	1.6	7
53	Alternative functions for the multifarious inflammasome. Biomedical Journal, 2016, 39, 183-187.	1.4	6
54	Pinicolol B from Antrodia cinnamomea induces apoptosis of nasopharyngeal carcinoma cells. Journal of Ethnopharmacology, 2017, 201, 117-122.	2.0	6

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55	Comprehensive organic profiling of biological particles derived from blood. Scientific Reports, 2018, 8, 11310.	1.6	6
56	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.	0.2	3
57	Physical attributes of salivary calcium particles and their interaction with gingival epithelium. Biomedical Journal, 2020, 44, 686-693.	1.4	2
58	Biom mineralization: Physicochemical and Biological Properties of Biomimetic Mineralo-Protein Nanoparticles Formed Spontaneously in Biological Fluids (Small 13/2013). Small, 2013, 9, 2372-2372.	5.2	0
59	Cover Image, Volume 40, Issue 6. Medicinal Research Reviews, 2020, 40, i.	5.0	0