

# Gideon Fleminger

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

529  
citations

840776

11  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dihydrolipoamide dehydrogenase moonlighting activity as a <sc>DNA</sc> chelating agent. Proteins: Structure, Function and Bioinformatics, 2021, 89, 21-28.	2.6	6
2	The moonlighting activities of dihydrolipoamide dehydrogenase: Biotechnological and biomedical applications. Journal of Molecular Recognition, 2021, 34, e2924.	2.1	8
3	Potential neurotoxicity of titanium implants: Prospective, in-vivo and in-vitro study. Biomaterials, 2021, 276, 121039.	11.4	18
4	In Situ Detoxification of Venomous Agent X Surrogate Profenofos by Doped Titanium Dioxide Nanoparticles under Illumination at the UV and Visible Ranges. Journal of Physical Chemistry A, 2019, 123, 9456-9461.	2.5	8
5	Targeting the Achilles™ heel of cancer cells via integrin-mediated delivery of ROS-generating dihydrolipoamide dehydrogenase. Oncogene, 2019, 38, 5050-5061.	5.9	28
6	RGD-modified dihydrolipoamide dehydrogenase as a molecular bridge for enhancing the adhesion of bone forming cells to titanium dioxide implant surfaces. Journal of Biomedical Materials Research - Part A, 2019, 107, 545-551.	4.0	10
7	RGD-modified dihydrolipoamide dehydrogenase conjugated to titanium dioxide nanoparticles – switchable integrin-targeted photodynamic treatment of melanoma cells. RSC Advances, 2018, 8, 9112-9119.	3.6	19
8	The involvement of coordinative interactions in the binding of dihydrolipoamide dehydrogenase to titanium dioxide – Localization of a putative binding site. Journal of Molecular Recognition, 2017, 30, e2617.	2.1	11
9	Low molecular mass peptides generated by hydrolysis of casein impair rennet coagulation of milk. International Dairy Journal, 2013, 30, 74-78.	3.0	20
10	Affinity 2011 - The 19th biennial meeting of the International Society for Molecular Recognition. Journal of Molecular Recognition, 2012, 25, 525-526.	2.1	0
11	Chemical and structural characterization of bacterially-derived casein peptides that impair milk clotting. International Dairy Journal, 2011, 21, 914-920.	3.0	24
12	Characterizing the Adsorption of Peptides to TiO <sub>2</sub> in Aqueous Solutions by Liquid Chromatography. Langmuir, 2010, 26, 6457-6463.	3.5	28
13	The titanium binding protein of <i>Rhodococcus ruber</i> GIN1 (NCIMB 40340) is a cell surface homolog of the cytosolic enzyme dihydrolipoamide dehydrogenase. Journal of Molecular Recognition, 2009, 22, 138-145.	2.1	13
14	Subclinical udder infection with <i>Streptococcus dysgalactiae</i> impairs milk coagulation properties: The emerging role of proteose peptones. Dairy Science and Technology, 2008, 88, 407-419.	2.2	46
15	The Structure And Synthetic Capabilities Of A Catalytic Peptide Formed By Substrate-Directed Mechanism – Implications To Prebiotic Catalysis. Origins of Life and Evolution of Biospheres, 2005, 35, 369-382.	1.9	3
16	Semaphorins as Mediators of Neuronal Apoptosis. Journal of Neurochemistry, 2001, 73, 961-971.	3.9	134
17	Immuno-detection of aluminium and aluminium induced conformational changes in calmodulin – implications in Alzheimer's disease. Molecular and Cellular Biochemistry, 1998, 189, 41-46.	3.1	16
18	Interactions of calmodulin with metal ions and with its target proteins revealed by conformation-sensitive monoclonal antibodies. , 1998, 11, 14-19.		12

#	ARTICLE	IF	CITATIONS
19	A citrate-binding site in calmodulin. <i>Journal of Molecular Recognition</i> , 1998, 11, 20-24.	2.1	9
20	Endothelin in Cerebrospinal Fluid and Plasma of Patients in the Early Stage of Ischemic Stroke. <i>Stroke</i> , 1997, 28, 1951-1955.	2.0	108
21	Functional conformations of calmodulin: I. Preparation and characterization of a conformational specific anti-bovine calmodulin monoclonal antibody. <i>Journal of Molecular Recognition</i> , 1995, 8, 67-71.	2.1	8