Graham W Taylor

List of Publications by Year
in descending order

58 papers	3,077 citations	257450 24 h-index	155660 55 g-index
58 all docs	58 docs citations	58 times ranked	3657 citing authors

#	Article	IF	Citations
1	Der p 1 facilitates transepithelial allergen delivery by disruption of tight junctions. Journal of Clinical Investigation, 1999, 104, 123-133.	8.2	638
2	Chemical structure of the morphogen differentiation inducing factor from Dictyostelium discoideum. Nature, 1987, 328, 811-814.	27.8	373
3	Induction of Neutrophil Apoptosis by thePseudomonas aeruginosaExotoxin Pyocyanin: A Potential Mechanism of Persistent Infection. Journal of Immunology, 2002, 168, 1861-1868.	0.8	190
4	Specific Câ€Terminal Cleavage and Inactivation of Interleukinâ€8 by Invasive Disease Isolates ofStreptococcus pyogenes. Journal of Infectious Diseases, 2005, 192, 783-790.	4.0	175
5	Activated Platelets and Monocytes Generate Four Hydroxyphosphatidylethanolamines via Lipoxygenase. Journal of Biological Chemistry, 2007, 282, 20151-20163.	3.4	125
6	Chemotactic action of prostaglandin E₂on mouse mast cells acting via the PGE₂receptor 3. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11712-11717.	7.1	120
7	A novel mechanoâ€enzymatic cleavage mechanism underlies transthyretin amyloidogenesis. EMBO Molecular Medicine, 2015, 7, 1337-1349.	6.9	109
8	Impairment of Apoptotic Cell Engulfment by Pyocyanin, a Toxic Metabolite ofPseudomonas aeruginosa. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 35-43.	5.6	100
9	Proteolytic cleavage of Ser52Pro variant transthyretin triggers its amyloid fibrillogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1539-1544.	7.1	91
10	Purification and structural analysis of pyocyanin and 1-hydroxyphenazine. FEBS Journal, 1986, 159, 309-313.	0.2	86
11	Structure, Folding Dynamics, and Amyloidogenesis of D76N Î²2-Microglobulin. Journal of Biological Chemistry, 2013, 288, 30917-30930.	3.4	80
12	Metabolism of cysteinyl leukotrienes in monkey and man. FEBS Journal, 1990, 194, 309-315.	0.2	76
13	Plasminogen activation triggers transthyretin amyloidogenesis in vitro. Journal of Biological Chemistry, 2018, 293, 14192-14199.	3.4	68
14	Subversion of a Lysosomal Pathway Regulating Neutrophil Apoptosis by a Major Bacterial Toxin, Pyocyanin. Journal of Immunology, 2008, 180, 3502-3511.	0.8	67
15	Determinants of Variable Response to Statin Treatment in Patients With Refractory Familial Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 832-837.	2.4	58
16	Trapping of palindromic ligands within native transthyretin prevents amyloid formation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20483-20488.	7.1	55
17	The complementary role of histology and proteomics for diagnosis and typing of systemic amyloidosis. Journal of Pathology: Clinical Research, 2019, 5, 145-153.	3.0	46
18	High-field-magnet mass spectrometry of biological molecules. Mass Spectrometry Reviews, 1984, 3, 357-394.	5.4	43

#	Article	IF	Citations
19	Eicosanoid biosynthesis in an advanced deuterostomate invertebrate, the sea squirt (Ciona) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f	2.4	36
20	Arginine-specific mono(ADP-ribosyl)transferase activity on the surface of human polymorphonuclear neutrophil leucocytes. Biochemical Journal, 1996, 315, 635-641.	3.7	32
21	Isolation and characterization of pharmaceutical grade human pentraxins, serum amyloid P component and Câ€reactive protein, for clinical use. Journal of Immunological Methods, 2012, 384, 92-102.	1.4	32
22	Inhibition of the mechano-enzymatic amyloidogenesis of transthyretin: role of ligand affinity, binding cooperativity and occupancy of the inner channel. Scientific Reports, 2017, 7, 182.	3.3	31
23	Rapid tolerance to the hypotensive effects of glyceryl trinitrate in the rat: prevention by Nâ€acetylâ€<scp>l</scp>â€•but not Nâ€acetylâ€<scp>d</scp>â€cysteine. British Journal of Pharmacology, 1990, 99, 825-829.	8.4	28
24	Adduction of the Chloroform Metabolite Phosgene to Lysine Residues of Human Histone H2B. Chemical Research in Toxicology, 2003, 16, 266-275.	3.3	25
25	Amyloid persistence in decellularized liver: biochemical and histopathological characterization. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2016, 23, 1-7.	3.0	25
26	Renal Amyloidosis Associated With 5 NovelÂVariants in the Fibrinogen A Alpha Chain Protein. Kidney International Reports, 2017, 2, 461-469.	0.8	25
27	Binding of Monovalent and Bivalent Ligands by Transthyretin Causes Different Short- and Long-Distance Conformational Changes. Journal of Medicinal Chemistry, 2019, 62, 8274-8283.	6.4	25
28	C. elegans feed yolk to their young in a form of primitive lactation. Nature Communications, 2021, 12, 5801.	12.8	23
29	Microbore high-performance liquid chromatography-electrospray ionisation mass spectrometry of steroid sulphates. Journal of Chromatography A, 1996, 738, 191-199.	3.7	22
30	Activated platelets and monocytes generate four hydroxyphosphatidylethanolamines via lipoxygenase.. Journal of Biological Chemistry, 2009, 284, 25460.	3.4	21
31	Diagnostic amyloid proteomics: experience of the UK National Amyloidosis Centre. Clinical Chemistry and Laboratory Medicine, 2020, 58, 948-957.	2.3	20
32	Diagnosis, pathogenesis and outcome in leucocyte chemotactic factor 2 (ALECT2) amyloidosis. Nephrology Dialysis Transplantation, 2016, 33, gfw375.	0.7	18
33	A specific nanobody prevents amyloidogenesis of D76N Î²2-microglobulin in vitro and modifies its tissue distribution in vivo. Scientific Reports, 2017, 7, 46711.	3.3	18
34	Inhibition of pyocyanin-potentiated IL-8 release by steroids in bronchial epithelial cells. Respiratory Medicine, 2006, 100, 1614-1622.	2.9	17
35	A possible role for mono(ADP-ribosyl)transferase in the signalling pathway mediating neutrophil chemotaxis. British Journal of Clinical Pharmacology, 1996, 42, 99-106.	2.4	16
36	Increasing the accuracy of proteomic typing by decellularisation of amyloid tissue biopsies. Journal of Proteomics, 2017, 165, 113-118.	2.4	14

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37	The leukotriene biosynthetic pathway: a target for pharmacological attack. Trends in Pharmacological Sciences, 1986, 7, 100-103.	8.7	13
38	Thermospray mass spectrometric analysis of phenazines. Biological Mass Spectrometry, 1988, 17, 251-255.	0.5	13
39	Plasmin activity promotes amyloid deposition in a transgenic model of human transthyretin amyloidosis. Nature Communications, 2021, 12, 7112.	12.8	13
40	Comparative study of the stabilities of synthetic in vitro and natural ex vivo transthyretin amyloid fibrils. Journal of Biological Chemistry, 2020, 295, 11379-11387.	3.4	12
41	Proteomic Analysis for the Diagnosis ofÂFibrinogen AÎ±-chain Amyloidosis. Kidney International Reports, 2019, 4, 977-986.	0.8	11
42	Amyloid Formation by Globular Proteins: The Need to Narrow the Gap Between in Vitro and in Vivo Mechanisms. Frontiers in Molecular Biosciences, 2022, 9, 830006.	3.5	11
43	Identification of Anesthetic Binding Sites on Human Serum Albumin Using a Novel Etomidate Photolabel. Journal of Biological Chemistry, 2007, 282, 12038-12047.	3.4	9
44	C-Terminal antibodies (CTAbs): A simple and broadly applicable approach for the rapid generation of protein-specific antibodies with predefined specificity. Proteomics, 2007, 7, 1364-1372.	2.2	9
45	The identification and role of a novel eicosanoid in the reproductive behaviour of barnacles (Balanus) Tj ETQq1 1 0.784314 rgBT /Over	1.7	8
46	Misidentification of transthyretin and immunoglobulin variants by proteomics due to methyl lysine formation in formalin-fixed paraffin-embedded amyloid tissue. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 229-237.	3.0	8
47	Interaction between eicosanoids and the complement system in salmonid fish. Developmental and Comparative Immunology, 2012, 36, 1-9.	2.3	7
48	Lysozyme amyloid: evidence for the W64R variant by proteomics in the absence of the wild type protein. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2020, 27, 206-207.	3.0	6
49	Excursions in biomedical mass spectrometry. British Journal of Clinical Pharmacology, 1996, 42, 119-126.	2.4	5
50	Clinical Amyloid Typing by Proteomics: Performance Evaluation and Data Sharing between Two Centres. Molecules, 2021, 26, 1913.	3.8	5
51	Morphogens fromDictyostelium discoideum. Biological Mass Spectrometry, 1988, 16, 353-355.	0.5	4
52	Biosynthesis and functions of eicosanoids generated by the coelomocytes of the starfish, Asterias rubens. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 147, 657-666.	1.6	4
53	Clinical ApoAâ€IV amyloid is associated with fibrillogenic signal sequence. Journal of Pathology, 2021, 255, 311-318.	4.5	4
54	Electrospray Mass Spectrometric Characterization of a Corticosteroid Dimer. , 1997, 11, 219-223.		3

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55	The potassium channel opener levcromakalim causes expansive remodelling of experimental vein grafts. Journal of Vascular Surgery, 2006, 44, 159-165.	1.1	2
56	Bifunctional crosslinking ligands for transthyretin. Open Biology, 2015, 5, 150105.	3.6	2
57	Mass spectrometry in lipid research. Current Opinion in Lipidology, 1991, 2, 385-391.	2.7	0
58	Letter by Treibel et al Regarding Article, â€œSex-Related Discordance Between Aortic Valve Calcification and Hemodynamic Severity of Aortic Stenosis: Is Valvular Fibrosis the Explanation?â€• Circulation Research, 2017, 120, e24-e25.	4.5	0