

# Graham W Taylor

## List of Publications by Year in descending order

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58  
papers

3,077  
citations

257357

24  
h-index

155592

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. <i>Journal of Clinical Investigation</i> , 1999, 104, 123-133.	3.9	638
2	Chemical structure of the morphogen differentiation inducing factor from <i>Dictyostelium discoideum</i> . <i>Nature</i> , 1987, 328, 811-814.	13.7	373
3	Induction of Neutrophil Apoptosis by the <i>Pseudomonas aeruginosa</i> Exotoxin Pyocyanin: A Potential Mechanism of Persistent Infection. <i>Journal of Immunology</i> , 2002, 168, 1861-1868.	0.4	190
4	Specific C-terminal Cleavage and Inactivation of Interleukin-8 by Invasive Disease Isolates of <i>Streptococcus pyogenes</i> . <i>Journal of Infectious Diseases</i> , 2005, 192, 783-790.	1.9	175
5	Activated Platelets and Monocytes Generate Four Hydroxyphosphatidylethanolamines via Lipoxygenase. <i>Journal of Biological Chemistry</i> , 2007, 282, 20151-20163.	1.6	125
6	Chemotactic action of prostaglandin E <sub>2</sub> on mouse mast cells acting via the PGE <sub>2</sub> receptor 3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11712-11717.	3.3	120
7	A novel mechano-enzymatic cleavage mechanism underlies transthyretin amyloidogenesis. <i>EMBO Molecular Medicine</i> , 2015, 7, 1337-1349.	3.3	109
8	Impairment of Apoptotic Cell Engulfment by Pyocyanin, a Toxic Metabolite of <i>Pseudomonas aeruginosa</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 35-43.	2.5	100
9	Proteolytic cleavage of Ser52Pro variant transthyretin triggers its amyloid fibrillogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1539-1544.	3.3	91
10	Purification and structural analysis of pyocyanin and 1-hydroxyphenazine. <i>FEBS Journal</i> , 1986, 159, 309-313.	0.2	86
11	Structure, Folding Dynamics, and Amyloidogenesis of D76N $\beta$ 2-Microglobulin. <i>Journal of Biological Chemistry</i> , 2013, 288, 30917-30930.	1.6	80
12	Metabolism of cysteinyl leukotrienes in monkey and man. <i>FEBS Journal</i> , 1990, 194, 309-315.	0.2	76
13	Plasminogen activation triggers transthyretin amyloidogenesis in vitro. <i>Journal of Biological Chemistry</i> , 2018, 293, 14192-14199.	1.6	68
14	Subversion of a Lysosomal Pathway Regulating Neutrophil Apoptosis by a Major Bacterial Toxin, Pyocyanin. <i>Journal of Immunology</i> , 2008, 180, 3502-3511.	0.4	67
15	Determinants of Variable Response to Statin Treatment in Patients With Refractory Familial Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 832-837.	1.1	58
16	Trapping of palindromic ligands within native transthyretin prevents amyloid formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20483-20488.	3.3	55
17	The complementary role of histology and proteomics for diagnosis and typing of systemic amyloidosis. <i>Journal of Pathology: Clinical Research</i> , 2019, 5, 145-153.	1.3	46
18	High-field-magnet mass spectrometry of biological molecules. <i>Mass Spectrometry Reviews</i> , 1984, 3, 357-394.	2.8	43

#	ARTICLE	IF	CITATIONS
19	Eicosanoid biosynthesis in an advanced deuterostomate invertebrate, the sea squirt ( <i>Ciona</i> ) Tj ETQq1 1 0.784314 <small>rgBT /Overlock</small> 10 T 36		
20	Arginine-specific mono(ADP-ribosyl)transferase activity on the surface of human polymorphonuclear neutrophil leucocytes. <i>Biochemical Journal</i> , 1996, 315, 635-641.	1.7	32
21	Isolation and characterization of pharmaceutical grade human pentraxins, serum amyloid P component and C-reactive protein, for clinical use. <i>Journal of Immunological Methods</i> , 2012, 384, 92-102.	0.6	32
22	Inhibition of the mechano-enzymatic amyloidogenesis of transthyretin: role of ligand affinity, binding cooperativity and occupancy of the inner channel. <i>Scientific Reports</i> , 2017, 7, 182.	1.6	31
23	Rapid tolerance to the hypotensive effects of glyceryl trinitrate in the rat: prevention by N-acetyl-L-but not N-acetyl-D-cysteine. <i>British Journal of Pharmacology</i> , 1990, 99, 825-829.		28
24	Adduction of the Chloroform Metabolite Phosgene to Lysine Residues of Human Histone H2B. <i>Chemical Research in Toxicology</i> , 2003, 16, 266-275.	1.7	25
25	Amyloid persistence in decellularized liver: biochemical and histopathological characterization. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2016, 23, 1-7.	1.4	25
26	Renal Amyloidosis Associated With 5 Novel Variants in the Fibrinogen A Alpha Chain Protein. <i>Kidney International Reports</i> , 2017, 2, 461-469.	0.4	25
27	Binding of Monovalent and Bivalent Ligands by Transthyretin Causes Different Short- and Long-Distance Conformational Changes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8274-8283.	2.9	25
28	<i>C. elegans</i> feed yolk to their young in a form of primitive lactation. <i>Nature Communications</i> , 2021, 12, 5801.	5.8	23
29	Microbore high-performance liquid chromatography-electrospray ionisation mass spectrometry of steroid sulphates. <i>Journal of Chromatography A</i> , 1996, 738, 191-199.	1.8	22
30	Activated platelets and monocytes generate four hydroxyphosphatidylethanolamines via lipoxygenase.. <i>Journal of Biological Chemistry</i> , 2009, 284, 25460.	1.6	21
31	Diagnostic amyloid proteomics: experience of the UK National Amyloidosis Centre. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 948-957.	1.4	20
32	Diagnosis, pathogenesis and outcome in leucocyte chemotactic factor 2 (ALECT2) amyloidosis. <i>Nephrology Dialysis Transplantation</i> , 2016, 33, gfw375.	0.4	18
33	A specific nanobody prevents amyloidogenesis of D76N Î²2-microglobulin in vitro and modifies its tissue distribution in vivo. <i>Scientific Reports</i> , 2017, 7, 46711.	1.6	18
34	Inhibition of pyocyanin-potentiated IL-8 release by steroids in bronchial epithelial cells. <i>Respiratory Medicine</i> , 2006, 100, 1614-1622.	1.3	17
35	A possible role for mono(ADP-ribosyl)transferase in the signalling pathway mediating neutrophil chemotaxis. <i>British Journal of Clinical Pharmacology</i> , 1996, 42, 99-106.	1.1	16
36	Increasing the accuracy of proteomic typing by decellularisation of amyloid tissue biopsies. <i>Journal of Proteomics</i> , 2017, 165, 113-118.	1.2	14

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37	The leukotriene biosynthetic pathway: a target for pharmacological attack. <i>Trends in Pharmacological Sciences</i> , 1986, 7, 100-103.	4.0	13
38	Thermospray mass spectrometric analysis of phenazines. <i>Biological Mass Spectrometry</i> , 1988, 17, 251-255.	0.5	13
39	Plasmin activity promotes amyloid deposition in a transgenic model of human transthyretin amyloidosis. <i>Nature Communications</i> , 2021, 12, 7112.	5.8	13
40	Comparative study of the stabilities of synthetic in vitro and natural ex vivo transthyretin amyloid fibrils. <i>Journal of Biological Chemistry</i> , 2020, 295, 11379-11387.	1.6	12
41	Proteomic Analysis for the Diagnosis of Fibrinogen A $\alpha$ -chain Amyloidosis. <i>Kidney International Reports</i> , 2019, 4, 977-986.	0.4	11
42	Amyloid Formation by Globular Proteins: The Need to Narrow the Gap Between in Vitro and in Vivo Mechanisms. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 830006.	1.6	11
43	Identification of Anesthetic Binding Sites on Human Serum Albumin Using a Novel Etomidate Photolabel. <i>Journal of Biological Chemistry</i> , 2007, 282, 12038-12047.	1.6	9
44	C-Terminal antibodies (CTAbs): A simple and broadly applicable approach for the rapid generation of protein-specific antibodies with predefined specificity. <i>Proteomics</i> , 2007, 7, 1364-1372.	1.3	9
45	The identification and role of a novel eicosanoid in the reproductive behaviour of barnacles ( <i>Balanus</i> ) Tj ETQq1 1 0.784314 rgBT /Over 0.8	0.8	8
46	Misidentification of transthyretin and immunoglobulin variants by proteomics due to methyl lysine formation in formalin-fixed paraffin-embedded amyloid tissue. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2017, 24, 229-237.	1.4	8
47	Interaction between eicosanoids and the complement system in salmonid fish. <i>Developmental and Comparative Immunology</i> , 2012, 36, 1-9.	1.0	7
48	Lysozyme amyloid: evidence for the W64R variant by proteomics in the absence of the wild type protein. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2020, 27, 206-207.	1.4	6
49	Excursions in biomedical mass spectrometry. <i>British Journal of Clinical Pharmacology</i> , 1996, 42, 119-126.	1.1	5
50	Clinical Amyloid Typing by Proteomics: Performance Evaluation and Data Sharing between Two Centres. <i>Molecules</i> , 2021, 26, 1913.	1.7	5
51	Morphogens from <i>Dictyostelium discoideum</i> . <i>Biological Mass Spectrometry</i> , 1988, 16, 353-355.	0.5	4
52	Biosynthesis and functions of eicosanoids generated by the coelomocytes of the starfish, <i>Asterias rubens</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 147, 657-666.	0.7	4
53	Clinical ApoA $\epsilon$ IV amyloid is associated with fibrillogenic signal sequence. <i>Journal of Pathology</i> , 2021, 255, 311-318.	2.1	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. <i>Journal of Vascular Surgery</i> , 2006, 44, 159-165.	0.6	2
56	Bifunctional crosslinking ligands for transthyretin. <i>Open Biology</i> , 2015, 5, 150105.	1.5	2
57	Mass spectrometry in lipid research. <i>Current Opinion in Lipidology</i> , 1991, 2, 385-391.	1.2	0
58	Letter by Treibel et al Regarding Article, "Sex-Related Discordance Between Aortic Valve Calcification and Hemodynamic Severity of Aortic Stenosis: Is Valvular Fibrosis the Explanation?" <i>Circulation Research</i> , 2017, 120, e24-e25.	2.0	0