

# Charles G Bailey

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53  
papers

2,762  
citations

27  
h-index

52  
g-index

59  
ext. papers

3,324  
ext. citations

9.1  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
53	ASCT2/SLC1A5 controls glutamine uptake and tumour growth in triple-negative basal-like breast cancer. <i>Oncogene</i> , <b>2016</b> , 35, 3201-8	9.2	290
52	Orchestrated intron retention regulates normal granulocyte differentiation. <i>Cell</i> , <b>2013</b> , 154, 583-95	56.2	290
51	Inositol polyphosphate 4-phosphatase II regulates PI3K/Akt signaling and is lost in human basal-like breast cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 22231-6	11.5	213
50	Hartnup disorder is caused by mutations in the gene encoding the neutral amino acid transporter SLC6A19. <i>Nature Genetics</i> , <b>2004</b> , 36, 1003-7	36.3	209
49	Targeting ASCT2-mediated glutamine uptake blocks prostate cancer growth and tumour development. <i>Journal of Pathology</i> , <b>2015</b> , 236, 278-89	9.4	208
48	Targeting glutamine transport to suppress melanoma cell growth. <i>International Journal of Cancer</i> , <b>2014</b> , 135, 1060-71	7.5	143
47	Androgen receptor and nutrient signaling pathways coordinate the demand for increased amino acid transport during prostate cancer progression. <i>Cancer Research</i> , <b>2011</b> , 71, 7525-36	10.1	128
46	Targeting amino acid transport in metastatic castration-resistant prostate cancer: effects on cell cycle, cell growth, and tumor development. <i>Journal of the National Cancer Institute</i> , <b>2013</b> , 105, 1463-73	9.7	119
45	Loss-of-function mutations in the glutamate transporter SLC1A1 cause human dicarboxylic aminoaciduria. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 446-53	15.9	98
44	Iminoglycinuria and hyperglycinuria are discrete human phenotypes resulting from complex mutations in proline and glycine transporters. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 3881-92	15.9	80
43	Inhibition of glutamine uptake regulates mTORC1, glutamine metabolism and cell growth in prostate cancer. <i>Cancer &amp; Metabolism</i> , <b>2014</b> , 2, P27	5.4	78
42	Androgen receptor and nutrient signaling pathways coordinate increased amino acid transport in prostate cancer progression. <i>BMC Proceedings</i> , <b>2012</b> , 6,	2.3	78
41	Luciferase expression and bioluminescence does not affect tumor cell growth in vitro or in vivo. <i>Molecular Cancer</i> , <b>2010</b> , 9, 299	42.1	70
40	Impaired nutrient signaling and body weight control in a Na <sup>+</sup> neutral amino acid cotransporter (Slc6a19)-deficient mouse. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 26638-51	5.4	57
39	Phosphatidylinositol 3-phosphate [PtdIns3P] is generated at the plasma membrane by an inositol polyphosphate 5-phosphatase: endogenous PtdIns3P can promote GLUT4 translocation to the plasma membrane. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 6065-81	4.8	52
38	Identification of P-Rex1 as a novel Rac1-guanine nucleotide exchange factor (GEF) that promotes actin remodeling and GLUT4 protein trafficking in adipocytes. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 43229-40	5.4	49
37	Renal imino acid and glycine transport system ontogeny and involvement in developmental iminoglycinuria. <i>Biochemical Journal</i> , <b>2010</b> , 428, 397-407	3.8	48

36	Small RNA changes en route to distinct cellular states of induced pluripotency. <i>Nature Communications</i> , <b>2014</b> , 5, 5522	17.4	43
35	The changing paradigm of intron retention: regulation, ramifications and recipes. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 11497-11513	20.1	41
34	The cancer-testis antigen BORIS phenocopies the tumor suppressor CTCF in normal and neoplastic cells. <i>International Journal of Cancer</i> , <b>2013</b> , 133, 1603-13	7.5	37
33	CTCF and BORIS in genome regulation and cancer. <i>Current Opinion in Genetics and Development</i> , <b>2014</b> , 24, 8-15	4.9	35
32	RBM3 regulates temperature sensitive miR-142-5p and miR-143 (thermomiRs), which target immune genes and control fever. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 2888-97	20.1	34
31	Targeted inactivation of dipeptidyl peptidase 9 enzymatic activity causes mouse neonate lethality. <i>PLoS ONE</i> , <b>2013</b> , 8, e78378	3.7	34
30	Regulation of FcγR-stimulated phagocytosis by the 72-kDa inositol polyphosphate 5-phosphatase: SHIP1, but not the 72-kDa 5-phosphatase, regulates complement receptor 3 mediated phagocytosis by differential recruitment of these 5-phosphatases to the phagocytic cup. <i>Blood</i> , <b>2007</b> , 110, 4480-91	2.2	34
29	High-throughput clonal selection of recombinant CHO cells using a dominant selectable and amplifiable metallothionein-GFP fusion protein. <i>Biotechnology and Bioengineering</i> , <b>2002</b> , 80, 670-6	4.9	31
28	CTCF genetic alterations in endometrial carcinoma are pro-tumorigenic. <i>Oncogene</i> , <b>2017</b> , 36, 4100-4110	9.2	29
27	Molecular insights from a novel cardiac troponin I mouse model of familial hypertrophic cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2006</b> , 41, 623-32	5.8	29
26	Loss of solute carriers in T cell-mediated rejection in mouse and human kidneys: an active epithelial injury-repair response. <i>American Journal of Transplantation</i> , <b>2010</b> , 10, 2241-51	8.7	27
25	Monoterpene glycoside ESK246 from <i>Pittosporum</i> targets LAT3 amino acid transport and prostate cancer cell growth. <i>ACS Chemical Biology</i> , <b>2014</b> , 9, 1369-76	4.9	24
24	Identification of Novel Natural Substrates of Fibroblast Activation Protein-α by Differential Degradomics and Proteomics. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, 65-85	7.6	18
23	EGF-activated PI3K/Akt signalling coordinates leucine uptake by regulating LAT3 expression in prostate cancer. <i>Cell Communication and Signaling</i> , <b>2019</b> , 17, 83	7.5	12
22	OCT-1 function varies with cell lineage but is not influenced by BCR-ABL. <i>Haematologica</i> , <b>2011</b> , 96, 213-20	6	12
21	Persistence of the common Hartnup disease D173N allele in populations of European origin. <i>Annals of Human Genetics</i> , <b>2007</b> , 71, 755-61	2.2	12
20	PtdIns(3,4,5)P3-dependent Rac Exchanger 1 (PREX1) Rac-Guanine Nucleotide Exchange Factor (GEF) Activity Promotes Breast Cancer Cell Proliferation and Tumor Growth via Activation of Extracellular Signal-regulated Kinase 1/2 (ERK1/2) Signaling. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 17258-70	5.4	12
19	Journey to the Center of the Cell: Tracing the Path of AAV Transduction. <i>Trends in Molecular Medicine</i> , <b>2021</b> , 27, 172-184	11.5	11

18	CTCF Expression is Essential for Somatic Cell Viability and Protection Against Cancer. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	11
17	The antiproliferative ELF2 isoform, ELF2B, induces apoptosis in vitro and perturbs early lymphocytic development in vivo. <i>Journal of Hematology and Oncology</i> , <b>2017</b> , 10, 75	22.4	9
16	Identifying microRNA determinants of human myelopoiesis. <i>Scientific Reports</i> , <b>2018</b> , 8, 7264	4.9	8
15	CTCF as a regulator of alternative splicing: new tricks for an old player. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 7825-7838	20.1	8
14	Spred negatively regulates lens growth by modulating epithelial cell proliferation and fiber differentiation. <i>Experimental Eye Research</i> , <b>2019</b> , 178, 160-175	3.7	7
13	Negative regulation of lens fiber cell differentiation by RTK antagonists Spry and Spred. <i>Experimental Eye Research</i> , <b>2018</b> , 170, 148-159	3.7	6
12	A rapid selection/amplification procedure for high-level expression of recombinant protein in a metal-amplifiable mammalian expression system. <i>Biotechnology Letters</i> , <b>1999</b> , 13, 615-619		6
11	haploinsufficiency mediates intron retention in a tissue-specific manner. <i>RNA Biology</i> , <b>2021</b> , 18, 93-103	4.8	5
10	Structure-function relationships explain CTCF zinc finger mutation phenotypes in cancer. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 7519-7536	10.3	4
9	Direct and rapid identification of T315I-Mutated BCR-ABL expressing leukemic cells using infrared microspectroscopy. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 503, 1861-1867	3.4	3
8	Regulated autocrine growth of CHO cells. <i>Cytotechnology</i> , <b>2000</b> , 34, 39-46	2.2	3
7	Widespread Aberrant Alternative Splicing despite Molecular Remission in Chronic Myeloid Leukaemia Patients. <i>Cancers</i> , <b>2020</b> , 12,	6.6	3
6	Autofluorescent proteins for flow cytometry. <i>Methods in Molecular Biology</i> , <b>2007</b> , 411, 99-110	1.4	1
5	Sprouty and Spred temporally regulate ERK1/2-signaling to suppress TGF $\beta$ -induced lens EMT.. <i>Experimental Eye Research</i> , <b>2022</b> , 109070	3.7	1
4	An improved production and purification protocol for recombinant soluble human fibroblast activation protein alpha. <i>Protein Expression and Purification</i> , <b>2021</b> , 181, 105833	2	0
3	Mesenchymal Stem Cells as Suicide Gene Therapy Vehicles for Organ-Confined and Metastatic Prostate Cancer (PCa).. <i>Blood</i> , <b>2007</b> , 110, 5148-5148	2.2	
2	Intron Retention Coupled with Nonsense-Mediated Decay Determines Protein Expression and Nuclear Morphology in Granulopoiesis. <i>Blood</i> , <b>2012</b> , 120, 112-112	2.2	
1	MicroRNA Dysregulation in Newly Diagnosed Chronic Myeloid Leukaemia Patients. <i>Blood</i> , <b>2013</b> , 122, 4985-4985	2.2	

