

# Charles R Flynn

## List of Publications by Year in descending order

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32  
papers

1,654  
citations

394421

19  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomics Analysis of Human Skeletal Muscle Reveals Novel Abnormalities in Obesity and Type 2 Diabetes. <i>Diabetes</i> , 2010, 59, 33-42.	0.6	217
2	Sirt3 Impairment and SOD2 Hyperacetylation in Vascular Oxidative Stress and Hypertension. <i>Circulation Research</i> , 2017, 121, 564-574.	4.5	195
3	Hepatic TLR4 signaling in obese NAFLD. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G270-G278.	3.4	180
4	Characterization of the Human Skeletal Muscle Proteome by One-dimensional Gel Electrophoresis and HPLC-ESI-MS/MS. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 257-267.	3.8	105
5	Bile acids and bariatric surgery. <i>Molecular Aspects of Medicine</i> , 2017, 56, 75-89.	6.4	99
6	The small heat shock protein, HSPB6, in muscle function and disease. <i>Cell Stress and Chaperones</i> , 2010, 15, 1-11.	2.9	84
7	<i>In vivo</i> Phosphoproteome of Human Skeletal Muscle Revealed by Phosphopeptide Enrichment and HPLC-ESI-MS/MS. <i>Journal of Proteome Research</i> , 2009, 8, 4954-4965.	3.7	81
8	Comparative Study of the Skin Penetration of Protein Transduction Domains and a Conjugated Peptide. <i>Pharmaceutical Research</i> , 2005, 22, 750-757.	3.5	75
9	Proteome profile of functional mitochondria from human skeletal muscle using one-dimensional gel electrophoresis and HPLC-ESI-MS/MS. <i>Journal of Proteomics</i> , 2009, 72, 1046-1060.	2.4	68
10	The small heat shock-related protein, HSP20, is a cAMP-dependent protein kinase substrate that is involved in airway smooth muscle relaxation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L69-L78.	2.9	66
11	GLP-1: Molecular mechanisms and outcomes of a complex signaling system. <i>Neurochemistry International</i> , 2019, 128, 94-105.	3.8	66
12	Global Assessment of Regulation of Phosphorylation of Insulin Receptor Substrate-1 by Insulin In Vivo in Human Muscle. <i>Diabetes</i> , 2007, 56, 1508-1516.	0.6	58
13	Cell Permeant Peptide Analogues of the Small Heat Shock Protein, HSP20, Reduce TGF- $\beta$ 1-Induced CTGF Expression in Keloid Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2009, 129, 590-598.	0.7	58
14	Transduction of biologically active motifs of the small heat shock-related protein, HSP20, leads to relaxation of vascular smooth muscle. <i>FASEB Journal</i> , 2003, 17, 1358-1360.	0.5	54
15	Characterization of the Human Adipocyte Proteome and Reproducibility of Protein Abundance by One-Dimensional Gel Electrophoresis and HPLC-ESI-MS/MS. <i>Journal of Proteome Research</i> , 2010, 9, 4521-4534.	3.7	46
16	Transduction of phosphorylated heat shock-related protein 20, HSP20, prevents vasospasm of human umbilical artery smooth muscle. <i>Journal of Applied Physiology</i> , 2005, 98, 1836-1845.	2.5	28
17	Metabolic Effects of Bile Acids: Potential Role in Bariatric Surgery. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 8, 235-246.	4.5	27
18	Internalization and Intracellular Trafficking of a PTD-Conjugated Anti-Fibrotic Peptide, AZX100, in Human Dermal Keloid Fibroblasts. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3100-3121.	3.3	26

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19	Iron deficiency linked to altered bile acid metabolism promotes <i>Helicobacter pylori</i> -induced inflammation-driven gastric carcinogenesis. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	24
20	A novel cell permeant peptide inhibitor of MAPKAP kinase II inhibits intimal hyperplasia in a human saphenous vein organ culture model. <i>Journal of Vascular Surgery</i> , 2010, 52, 1596-1607.	1.1	21
21	Fecal metagenomics and metabolomics reveal gut microbial changes after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 1772-1782.	1.2	17
22	In vitro safety pharmacology evaluation of 2-hydroxybenzylamine acetate. <i>Food and Chemical Toxicology</i> , 2018, 121, 541-548.	3.6	13
23	Phosphorylation and activation of a transducible recombinant form of human HSP20 in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2007, 52, 50-58.	1.3	12
24	Sex-Specific Associations between Gut Microbiome and Non-Alcoholic Fatty Liver Disease among Urban Chinese Adults. <i>Microorganisms</i> , 2021, 9, 2118.	3.6	12
25	Systemic bile acids induce insulin resistance in a TGR5-independent manner. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E782-E793.	3.5	8
26	Autism-Associated Variant in the SLC6A3 Gene Alters the Oral Microbiome and Metabolism in a Murine Model. <i>Frontiers in Psychiatry</i> , 2021, 12, 655451.	2.6	4
27	Worsening Postural Tachycardia Syndrome Is Associated With Increased Glucose-Dependent Insulinotropic Polypeptide Secretion. <i>Hypertension</i> , 2022, 79, HYPERTENSIONAHA12117852.	2.7	4
28	Cross-Circulation for Extracorporeal Liver Support in a Swine Model. <i>ASAIO Journal</i> , 2022, 68, 561-570.	1.6	3
29	Treating Nonalcoholic Fatty Liver Disease From the Outside In?. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 682-683.	4.5	2
30	A PNPLA3 I148M gene-edited Ossabaw swine model of Nonalcoholic steatohepatitis (NASH). <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
31	Transduction of recombinant heat shock protein 27 increases contractility of vascular smooth muscle. <i>FASEB Journal</i> , 2008, 22, 1165.5.	0.5	0
32	Reduction of heat shock protein 27 phosphorylation inhibits the development of intimal hyperplasia. <i>FASEB Journal</i> , 2008, 22, 902.6.	0.5	0