

Bernard Corfe

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.

93
papers

3,421
citations

27
h-index

57
g-index

114
ext. papers

4,034
ext. citations

5.7
avg, IF

5.34
L-index

#	Paper	IF	Citations
93	Dysbiosis of the gut microbiota in disease. <i>Microbial Ecology in Health and Disease</i> , 2015 , 26, 26191		604
92	Cell damage-induced conformational changes of the pro-apoptotic protein Bak in vivo precede the onset of apoptosis. <i>Journal of Cell Biology</i> , 1999 , 144, 903-14	7.3	387
91	Classification and functions of enteroendocrine cells of the lower gastrointestinal tract. <i>International Journal of Experimental Pathology</i> , 2011 , 92, 219-31	2.8	172
90	Spore germination. <i>Cellular and Molecular Life Sciences</i> , 2002 , 59, 403-9	10.3	170
89	Damage-induced Bax N-terminal change, translocation to mitochondria and formation of Bax dimers/complexes occur regardless of cell fate. <i>EMBO Journal</i> , 2001 , 20, 6306-15	13	120
88	Localization of GerAA and GerAC germination proteins in the Bacillus subtilis spore. <i>Journal of Bacteriology</i> , 2001 , 183, 4317-22	3.5	107
87	Protein for Life: Review of Optimal Protein Intake, Sustainable Dietary Sources and the Effect on Appetite in Ageing Adults. <i>Nutrients</i> , 2018 , 10,	6.7	104
86	Daily ingestion of alginate reduces energy intake in free-living subjects. <i>Appetite</i> , 2008 , 51, 713-9	4.5	96
85	Clinical trial: a multistrain probiotic preparation significantly reduces symptoms of irritable bowel syndrome in a double-blind placebo-controlled study. <i>Alimentary Pharmacology and Therapeutics</i> , 2009 , 29, 97-103	6.1	95
84	Neuropilins: expression and roles in the epithelium. <i>International Journal of Experimental Pathology</i> , 2012 , 93, 81-103	2.8	94
83	Sp1 acetylation is associated with loss of DNA binding at promoters associated with cell cycle arrest and cell death in a colon cell line. <i>Molecular Cancer</i> , 2010 , 9, 275	42.1	81
82	Cellular damage signals promote sequential changes at the N-terminus and BH-1 domain of the pro-apoptotic protein Bak. <i>Oncogene</i> , 2001 , 20, 7668-76	9.2	78
81	Butyrate suppresses expression of neuropilin I in colorectal cell lines through inhibition of Sp1 transactivation. <i>Molecular Cancer</i> , 2010 , 9, 276	42.1	62
80	Upregulation of BAK by butyrate in the colon is associated with increased Sp3 binding. <i>Oncogene</i> , 2006 , 25, 7192-200	9.2	58
79	Dietary intakes in people with irritable bowel syndrome. <i>BMC Gastroenterology</i> , 2011 , 11, 9	3	52
78	Alginate reduces the increased uptake of cholesterol and glucose in overweight male subjects: a pilot study. <i>Nutrition Research</i> , 2008 , 28, 501-5	4	52
77	Systematic review: psychological morbidity in young people with inflammatory bowel disease - risk factors and impacts. <i>Alimentary Pharmacology and Therapeutics</i> , 2016 , 44, 3-15	6.1	49

76	The gerB region of the Bacillus subtilis 168 chromosome encodes a homologue of the gerA spore germination operon. <i>Microbiology (United Kingdom)</i> , 1994 , 140 (Pt 3), 471-8	2.9	39
75	Volatile organic compounds emitted from faeces as a biomarker for colorectal cancer. <i>Alimentary Pharmacology and Therapeutics</i> , 2019 , 49, 1005-1012	6.1	33
74	Keratins in colorectal epithelial function and disease. <i>International Journal of Experimental Pathology</i> , 2012 , 93, 305-18	2.8	33
73	Uptake and metabolism of the short-chain fatty acid butyrate, a critical review of the literature. <i>Current Drug Metabolism</i> , 2012 , 13, 815-21	3.5	33
72	Analysis of the expression and regulation of the gerB spore germination operon of Bacillus subtilis 168. <i>Microbiology (United Kingdom)</i> , 1994 , 140 (Pt 11), 3079-83	2.9	33
71	Systematic literature review shows that appetite rating does not predict energy intake. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 3577-3582	11.5	32
70	The genetic analysis of bacterial spore germination. <i>Journal of Applied Bacteriology</i> , 1994 , 77, 9S-16S		32
69	The development and characterization of an organotypic tissue-engineered human esophageal mucosal model. <i>Tissue Engineering - Part A</i> , 2010 , 16, 1053-64	3.9	28
68	Vitamin D associates with improved quality of life in participants with irritable bowel syndrome: outcomes from a pilot trial. <i>BMJ Open Gastroenterology</i> , 2015 , 2, e000052	3.9	27
67	Riboflavin depletion impairs cell proliferation in adult human duodenum: identification of potential effectors. <i>Digestive Diseases and Sciences</i> , 2011 , 56, 1007-19	4	27
66	Alanine germination receptors of Bacillus subtilis. <i>Letters in Applied Microbiology</i> , 1996 , 23, 290-4	2.9	27
65	Post-translational control of sp-family transcription factors. <i>Current Genomics</i> , 2008 , 9, 301-11	2.6	26
64	The application of a hypothesis-driven strategy to the sensitive detection and location of acetylated lysine residues. <i>Journal of the American Society for Mass Spectrometry</i> , 2007 , 18, 1423-8	3.5	26
63	Long-chain polyunsaturated fatty acid supplementation had no effect on body weight but reduced energy intake in overweight and obese women. <i>Nutrition Research</i> , 2014 , 34, 17-24	4	25
62	Proteomic analyses of intermediate filaments reveals cytokeratin8 is highly acetylated—implications for colorectal epithelial homeostasis. <i>Proteomics</i> , 2008 , 8, 279-88	4.8	25
61	Application of high-content analysis to the study of post-translational modifications of the cytoskeleton. <i>Journal of Proteome Research</i> , 2009 , 8, 28-34	5.6	23
60	Vitamin D status in irritable bowel syndrome and the impact of supplementation on symptoms: what do we know and what do we need to know?. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 1358-1363	5.2	22
59	Body mass index and age affect Three-Factor Eating Questionnaire scores in male subjects. <i>Nutrition Research</i> , 2009 , 29, 379-82	4	21

58	Vitamin D3 as a novel treatment for irritable bowel syndrome: single case leads to critical analysis of patient-centred data. <i>BMJ Case Reports</i> , 2012 , 2012,	0.9	20
57	A deterministic oscillatory model of microtubule growth and shrinkage for differential actions of short chain fatty acids. <i>Molecular BioSystems</i> , 2016 , 12, 93-101		19
56	A study protocol to investigate the relationship between dietary fibre intake and fermentation, colon cell turnover, global protein acetylation and early carcinogenesis: the FACT study. <i>BMC Cancer</i> , 2009 , 9, 332	4.8	19
55	A proteomic analysis of differential cellular responses to the short-chain fatty acids butyrate, valerate and propionate in colon epithelial cancer cells. <i>Molecular BioSystems</i> , 2012 , 8, 1146-56		18
54	Prospective Study of Psychological Morbidity and Illness Perceptions in Young People With Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2019 , 13, 1003-1011	1.5	17
53	Sedation practice and comfort during colonoscopy: lessons learnt from a national screening programme. <i>European Journal of Gastroenterology and Hepatology</i> , 2015 , 27, 741-6	2.2	17
52	Riboflavin in development and cell fate. <i>Sub-Cellular Biochemistry</i> , 2012 , 56, 229-45	5.5	17
51	Short-chain fatty acid level and field cancerization show opposing associations with enteroendocrine cell number and neuropilin expression in patients with colorectal adenoma. <i>Molecular Cancer</i> , 2011 , 10, 27	42.1	17
50	Changes in intercellular junctions during apoptosis precede nuclear condensation or phosphatidylserine exposure on the cell surface. <i>Cell Death and Differentiation</i> , 2000 , 7, 234-5	12.7	17
49	Keratin 8 expression in colon cancer associates with low faecal butyrate levels. <i>BMC Gastroenterology</i> , 2011 , 11, 2	3	16
48	Effect of different long-chain fatty acids on cholecystokinin release in vitro and energy intake in free-living healthy males. <i>British Journal of Nutrition</i> , 2012 , 108, 755-8	3.6	15
47	Molecular genetical and phenotypical analysis of the gerM spore germination gene of <i>Bacillus subtilis</i> 168. <i>FEMS Microbiology Letters</i> , 1994 , 121, 315-20	2.9	15
46	Hypothesis: butyrate is not an HDAC inhibitor, but a product inhibitor of deacetylation. <i>Molecular BioSystems</i> , 2012 , 8, 1609-12		14
45	Water intake and post-exercise cognitive performance: an observational study of long-distance walkers and runners. <i>European Journal of Nutrition</i> , 2013 , 52, 617-24	5.2	13
44	An ionic-gelling alginate drink attenuates postprandial glycaemia in males. <i>Journal of Functional Foods</i> , 2012 , 4, 122-128	5.1	13
43	Commonly used bowel preparations have significant and different effects upon cell proliferation in the colon: a pilot study. <i>BMC Gastroenterology</i> , 2008 , 8, 54	3	13
42	The multifactorial interplay of diet, the microbiome and appetite control: current knowledge and future challenges. <i>Proceedings of the Nutrition Society</i> , 2015 , 74, 235-44	2.9	12
41	Proteomic identification and characterization of hepatic glyoxalase 1 dysregulation in non-alcoholic fatty liver disease. <i>Proteome Science</i> , 2018 , 16, 4	2.6	12

40	Inflammation decreases keratin level in ulcerative colitis; inadequate restoration associates with increased risk of colitis-associated cancer. <i>BMJ Open Gastroenterology</i> , 2015 , 2, e000024	3.9	12
39	A mathematical model of the colon crypt capturing compositional dynamic interactions between cell types. <i>International Journal of Experimental Pathology</i> , 2014 , 95, 1-7	2.8	11
38	Studies of salivary pepsin in patients with gastro-oesophageal reflux disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2019 , 49, 1173-1180	6.1	10
37	Inadequacy of Protein Intake in Older UK Adults. <i>Geriatrics (Switzerland)</i> , 2020 , 5,	2.2	9
36	Riboflavin depletion of intestinal cells in vitro leads to impaired energy generation and enhanced oxidative stress. <i>European Journal of Nutrition</i> , 2013 , 52, 1513-21	5.2	9
35	Application of Proteomics to Inflammatory Bowel Disease Research: Current Status and Future Perspectives. <i>Gastroenterology Research and Practice</i> , 2019 , 2019, 1426954	2	9
34	Pulsatile exposure to simulated reflux leads to changes in gene expression in a 3D model of oesophageal mucosa. <i>International Journal of Experimental Pathology</i> , 2014 , 95, 216-28	2.8	8
33	Protein Valuation in Food Choice Is Positively Associated with Lean Mass in Older Adults. <i>Journal of Nutrition</i> , 2019 , 149, 2056-2064	4.1	7
32	An agent-based model of anoikis in the colon crypt displays novel emergent behaviour consistent with biological observations. <i>Royal Society Open Science</i> , 2017 , 4, 160858	3.3	6
31	Evaluation of the salivary proteome as a surrogate tissue for systems biology approaches to understanding appetite. <i>Journal of Proteomics</i> , 2012 , 75, 2916-23	3.9	6
30	A double blind, placebo controlled, randomised pilot trial examining the effects of probiotic administration on mood and cognitive function. <i>Proceedings of the Nutrition Society</i> , 2014 , 73,	2.9	6
29	NF-B is activated in oesophageal fibroblasts in response to a paracrine signal generated by acid-exposed primary oesophageal squamous cells. <i>International Journal of Experimental Pathology</i> , 2011 , 92, 345-56	2.8	6
28	Comparing supermarket loyalty card data with traditional diet survey data for understanding how protein is purchased and consumed in older adults for the UK, 2014-16. <i>Nutrition Journal</i> , 2020 , 19, 83	4.3	6
27	Rate of change of circulating 25-hydroxyvitamin D following sublingual and capsular vitamin D preparations. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 1630-1635	5.2	5
26	Reduced keratin expression in colorectal neoplasia and associated fields is reversible by diet and resection. <i>BMJ Open Gastroenterology</i> , 2015 , 2, e000022	3.9	5
25	Application of the MIDAS approach for analysis of lysine acetylation sites. <i>Methods in Molecular Biology</i> , 2013 , 981, 25-36	1.4	5
24	Application of the CIRAD mass spectrometry approach for lysine acetylation site discovery. <i>Methods in Molecular Biology</i> , 2013 , 981, 13-23	1.4	5
23	Vitamin D supplementation in people with IBS has no effect on symptom severity and quality of life: results of a randomised controlled trial. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	5

22	The Interdependency and Co-Regulation of the Vitamin D and Cholesterol Metabolism. <i>Cells</i> , 2021 , 10,	7.9	4
21	A cellular based model of the colon crypt suggests novel effects for Apc phenotype in colorectal carcinogenesis. <i>Journal of Computational Science</i> , 2018 , 24, 125-131	3.4	3
20	Production, Characterization and Potential Uses of a 3D Tissue-engineered Human Esophageal Mucosal Model. <i>Journal of Visualized Experiments</i> , 2015 , e52693	1.6	3
19	An integrated workflow for extraction and solubilization of intermediate filaments from colorectal biopsies for proteomic analysis. <i>Electrophoresis</i> , 2012 , 33, 1967-74	3.6	3
18	Modelling the microtubule: towards a better understanding of short-chain fatty acid molecular pharmacology. <i>Molecular BioSystems</i> , 2011 , 7, 975-83		3
17	Correlation between Faecal Tumour M2 Pyruvate Kinase and Colonoscopy for the Detection of Adenomatous Neoplasia in a Secondary Care Cohort. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2016 , 25, 71-7	1.4	3
16	Role of the Microbiome in Regulating Bone Metabolism and Susceptibility to Osteoporosis. <i>Calcified Tissue International</i> , 2021 , 110, 273	3.9	3
15	Are proteins a redundant ontology? Epistemological limitations in the analysis of multistate species. <i>Molecular BioSystems</i> , 2014 , 10, 1228-35		2
14	Promotion of cancer metastasis: candidate validation using an iTRAQ-based approach. <i>Expert Review of Proteomics</i> , 2013 , 10, 321-3	4.2	2
13	Histone deacetylase inhibitors: recent outcomes from clinical trials and the implications for oncology treatment approaches. <i>Clinical Investigation</i> , 2013 , 3, 571-594		2
12	Diet and colorectal cancer: fibre back on the menu?. <i>Gut</i> , 2004 , 53, 155-6	19.2	2
11	Investigating the nutritional advice and support given to colorectal cancer survivors in the UK: is it fit for purpose and does it address their needs?. <i>Journal of Human Nutrition and Dietetics</i> , 2020 , 33, 822-832	3.1	2
10	Application of high content biology to yield quantitative spatial proteomic information on protein acetylations. <i>Methods in Molecular Biology</i> , 2013 , 981, 37-45	1.4	1
9	PMO-249 Quantitative proteomic analysis of intermediate filament profile in ulcerative colitis reveals increased levels of keratins 8, 18 and 19 in patients with longstanding pan colitis which are reduced with development of dysplasia. <i>Gut</i> , 2012 , 61, A176.1-A176	19.2	1
8	Cellular damage signals promote sequential changes at the N-terminus and BH-1 domain of the pro-apoptotic protein Bak		1
7	Colorectal keratins: Integrating nutrition, metabolism and colorectal health. <i>Seminars in Cell and Developmental Biology</i> , 2021 ,	7.5	1
6	From cell to multi-crypt: Agent-based models of the human colon suggests novel processes of Field cancerisation. <i>Journal of Computational Science</i> , 2020 , 41, 101066	3.4	0
5	Letter: studies of salivary pepsin in patients with gastro-oesophageal reflux disease. AuthorsSreply. <i>Alimentary Pharmacology and Therapeutics</i> , 2019 , 49, 1249-1250	6.1	

- 4 Letter: risk factors and impacts of psychological morbidity in young people with inflammatory bowel disease - authors Srepy. *Alimentary Pharmacology and Therapeutics*, **2016**, 44, 426 6.1
- 3 PTH-046 Analysis of Metachronous Colorectal Adenoma Sites Suggests Proximal Occurrence is More Probable. *Gut*, **2013**, 62, A229.1-A229 19.2
- 2 PMO-250 Quantitative proteomics in ulcerative colitis reveals mucosal inflammation reduces levels of keratins in the insoluble fraction of the intermediate filament proteome. *Gut*, **2012**, 61, A176.2-A177 19.2
- 1 Suicide: a way of life: Programmed cell death. *Biochemist*, **2002**, 24, 9-11 0.5