

# Bernard Corfe

## List of Publications by Year in Descending Order

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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	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> , <b>2021</b> , 1	5.2	5
92	The Interdependency and Co-Regulation of the Vitamin D and Cholesterol Metabolism. <i>Cells</i> , <b>2021</b> , 10,	7.9	4
91	Colorectal keratins: Integrating nutrition, metabolism and colorectal health. <i>Seminars in Cell and Developmental Biology</i> , <b>2021</b> ,	7.5	1
90	Role of the Microbiome in Regulating Bone Metabolism and Susceptibility to Osteoporosis. <i>Calcified Tissue International</i> , <b>2021</b> , 110, 273	3.9	3
89	Inadequacy of Protein Intake in Older UK Adults. <i>Geriatrics (Switzerland)</i> , <b>2020</b> , 5,	2.2	9
88	From cell to multi-crypt: Agent-based models of the human colon suggests novel processes of Field cancerisation. <i>Journal of Computational Science</i> , <b>2020</b> , 41, 101066	3.4	0
87	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> , <b>2020</b> , 19, 83	4.3	6
86	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> , <b>2020</b> , 33, 822-832	3.1	2
85	Rate of change of circulating 25-hydroxyvitamin D following sublingual and capsular vitamin D preparations. <i>European Journal of Clinical Nutrition</i> , <b>2019</b> , 73, 1630-1635	5.2	5
84	Protein Valuation in Food Choice Is Positively Associated with Lean Mass in Older Adults. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 2056-2064	4.1	7
83	Studies of salivary pepsin in patients with gastro-oesophageal reflux disease. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2019</b> , 49, 1173-1180	6.1	10
82	Volatile organic compounds emitted from faeces as a biomarker for colorectal cancer. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2019</b> , 49, 1005-1012	6.1	33
81	Letter: studies of salivary pepsin in patients with gastro-oesophageal reflux disease. AuthorsReply. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2019</b> , 49, 1249-1250	6.1	
80	Prospective Study of Psychological Morbidity and Illness Perceptions in Young People With Inflammatory Bowel Disease. <i>Journal of Crohns and Colitis</i> , <b>2019</b> , 13, 1003-1011	1.5	17
79	Application of Proteomics to Inflammatory Bowel Disease Research: Current Status and Future Perspectives. <i>Gastroenterology Research and Practice</i> , <b>2019</b> , 2019, 1426954	2	9
78	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> , <b>2018</b> , 72, 1358-1363	5.2	22
77	A cellular based model of the colon crypt suggests novel effects for Apc phenotype in colorectal carcinogenesis. <i>Journal of Computational Science</i> , <b>2018</b> , 24, 125-131	3.4	3

76	Protein for Life: Review of Optimal Protein Intake, Sustainable Dietary Sources and the Effect on Appetite in Ageing Adults. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	104
75	Proteomic identification and characterization of hepatic glyoxalase 1 dysregulation in non-alcoholic fatty liver disease. <i>Proteome Science</i> , <b>2018</b> , 16, 4	2.6	12
74	An agent-based model of anoikis in the colon crypt displays novel emergent behaviour consistent with biological observations. <i>Royal Society Open Science</i> , <b>2017</b> , 4, 160858	3.3	6
73	Systematic literature review shows that appetite rating does not predict energy intake. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2017</b> , 57, 3577-3582	11.5	32
72	Letter: risk factors and impacts of psychological morbidity in young people with inflammatory bowel disease - authorsSrepy. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2016</b> , 44, 426	6.1	
71	A deterministic oscillatory model of microtubule growth and shrinkage for differential actions of short chain fatty acids. <i>Molecular BioSystems</i> , <b>2016</b> , 12, 93-101		19
70	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> , <b>2016</b> , 25, 71-7	1.4	3
69	Systematic review: psychological morbidity in young people with inflammatory bowel disease - risk factors and impacts. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2016</b> , 44, 3-15	6.1	49
68	The multifactorial interplay of diet, the microbiome and appetite control: current knowledge and future challenges. <i>Proceedings of the Nutrition Society</i> , <b>2015</b> , 74, 235-44	2.9	12
67	Dysbiosis of the gut microbiota in disease. <i>Microbial Ecology in Health and Disease</i> , <b>2015</b> , 26, 26191		604
66	Sedation practice and comfort during colonoscopy: lessons learnt from a national screening programme. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2015</b> , 27, 741-6	2.2	17
65	Vitamin D associates with improved quality of life in participants with irritable bowel syndrome: outcomes from a pilot trial. <i>BMJ Open Gastroenterology</i> , <b>2015</b> , 2, e000052	3.9	27
64	Production, Characterization and Potential Uses of a 3D Tissue-engineered Human Esophageal Mucosal Model. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e52693	1.6	3
63	Reduced keratin expression in colorectal neoplasia and associated fields is reversible by diet and resection. <i>BMJ Open Gastroenterology</i> , <b>2015</b> , 2, e000022	3.9	5
62	Inflammation decreases keratin level in ulcerative colitis; inadequate restoration associates with increased risk of colitis-associated cancer. <i>BMJ Open Gastroenterology</i> , <b>2015</b> , 2, e000024	3.9	12
61	A mathematical model of the colon crypt capturing compositional dynamic interactions between cell types. <i>International Journal of Experimental Pathology</i> , <b>2014</b> , 95, 1-7	2.8	11
60	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> , <b>2014</b> , 34, 17-24	4	25
59	Are proteins a redundant ontology? Epistemological limitations in the analysis of multistate species. <i>Molecular BioSystems</i> , <b>2014</b> , 10, 1228-35		2

58	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> , <b>2014</b> , 73,	2.9	6
57	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> , <b>2014</b> , 95, 216-28	2.8	8
56	Riboflavin depletion of intestinal cells in vitro leads to impaired energy generation and enhanced oxidative stress. <i>European Journal of Nutrition</i> , <b>2013</b> , 52, 1513-21	5.2	9
55	Water intake and post-exercise cognitive performance: an observational study of long-distance walkers and runners. <i>European Journal of Nutrition</i> , <b>2013</b> , 52, 617-24	5.2	13
54	Promotion of cancer metastasis: candidate validation using an iTRAQ-based approach. <i>Expert Review of Proteomics</i> , <b>2013</b> , 10, 321-3	4.2	2
53	Application of the MIDAS approach for analysis of lysine acetylation sites. <i>Methods in Molecular Biology</i> , <b>2013</b> , 981, 25-36	1.4	5
52	Application of the CIRAD mass spectrometry approach for lysine acetylation site discovery. <i>Methods in Molecular Biology</i> , <b>2013</b> , 981, 13-23	1.4	5
51	Application of high content biology to yield quantitative spatial proteomic information on protein acetylations. <i>Methods in Molecular Biology</i> , <b>2013</b> , 981, 37-45	1.4	1
50	Histone deacetylase inhibitors: recent outcomes from clinical trials and the implications for oncology treatment approaches. <i>Clinical Investigation</i> , <b>2013</b> , 3, 571-594		2
49	PTH-046 Analysis of Metachronous Colorectal Adenoma Sites Suggests Proximal Occurrence is More Probable. <i>Gut</i> , <b>2013</b> , 62, A229.1-A229	19.2	
48	Neuropilins: expression and roles in the epithelium. <i>International Journal of Experimental Pathology</i> , <b>2012</b> , 93, 81-103	2.8	94
47	Evaluation of the salivary proteome as a surrogate tissue for systems biology approaches to understanding appetite. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 2916-23	3.9	6
46	Keratins in colorectal epithelial function and disease. <i>International Journal of Experimental Pathology</i> , <b>2012</b> , 93, 305-18	2.8	33
45	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> , <b>2012</b> , 8, 1146-56		18
44	An ionic-gelling alginate drink attenuates postprandial glycaemia in males. <i>Journal of Functional Foods</i> , <b>2012</b> , 4, 122-128	5.1	13
43	Hypothesis: butyrate is not an HDAC inhibitor, but a product inhibitor of deacetylation. <i>Molecular BioSystems</i> , <b>2012</b> , 8, 1609-12		14
42	Riboflavin in development and cell fate. <i>Sub-Cellular Biochemistry</i> , <b>2012</b> , 56, 229-45	5.5	17
41	An integrated workflow for extraction and solubilization of intermediate filaments from colorectal biopsies for proteomic analysis. <i>Electrophoresis</i> , <b>2012</b> , 33, 1967-74	3.6	3

40	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> , <b>2012</b> , 61, A176.1-A176	19.2	1
39	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> , <b>2012</b> , 108, 755-8	3.6	15
38	Uptake and metabolism of the short-chain fatty acid butyrate, a critical review of the literature. <i>Current Drug Metabolism</i> , <b>2012</b> , 13, 815-21	3.5	33
37	PMO-250 Quantitative proteomics in ulcerative colitis reveals mucosal inflammation reduces levels of keratins in the insoluble fraction of the intermediate filament proteome. <i>Gut</i> , <b>2012</b> , 61, A176.2-A177	19.2	
36	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> , <b>2012</b> , 2012,	0.9	20
35	Modelling the microtubule: towards a better understanding of short-chain fatty acid molecular pharmacology. <i>Molecular BioSystems</i> , <b>2011</b> , 7, 975-83		3
34	Classification and functions of enteroendocrine cells of the lower gastrointestinal tract. <i>International Journal of Experimental Pathology</i> , <b>2011</b> , 92, 219-31	2.8	172
33	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> , <b>2011</b> , 92, 345-56	2.8	6
32	Riboflavin depletion impairs cell proliferation in adult human duodenum: identification of potential effectors. <i>Digestive Diseases and Sciences</i> , <b>2011</b> , 56, 1007-19	4	27
31	Keratin 8 expression in colon cancer associates with low faecal butyrate levels. <i>BMC Gastroenterology</i> , <b>2011</b> , 11, 2	3	16
30	Dietary intakes in people with irritable bowel syndrome. <i>BMC Gastroenterology</i> , <b>2011</b> , 11, 9	3	52
29	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> , <b>2011</b> , 10, 27	42.1	17
28	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> , <b>2010</b> , 9, 275	42.1	81
27	Butyrate suppresses expression of neuropilin I in colorectal cell lines through inhibition of Sp1 transactivation. <i>Molecular Cancer</i> , <b>2010</b> , 9, 276	42.1	62
26	The development and characterization of an organotypic tissue-engineered human esophageal mucosal model. <i>Tissue Engineering - Part A</i> , <b>2010</b> , 16, 1053-64	3.9	28
25	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> , <b>2009</b> , 9, 332	4.8	19
24	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> , <b>2009</b> , 29, 97-103	6.1	95
23	Application of high-content analysis to the study of post-translational modifications of the cytoskeleton. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 28-34	5.6	23

22	Body mass index and age affect Three-Factor Eating Questionnaire scores in male subjects. <i>Nutrition Research</i> , <b>2009</b> , 29, 379-82	4	21
21	Daily ingestion of alginate reduces energy intake in free-living subjects. <i>Appetite</i> , <b>2008</b> , 51, 713-9	4.5	96
20	Alginate reduces the increased uptake of cholesterol and glucose in overweight male subjects: a pilot study. <i>Nutrition Research</i> , <b>2008</b> , 28, 501-5	4	52
19	Post-translational control of sp-family transcription factors. <i>Current Genomics</i> , <b>2008</b> , 9, 301-11	2.6	26
18	Commonly used bowel preparations have significant and different effects upon cell proliferation in the colon: a pilot study. <i>BMC Gastroenterology</i> , <b>2008</b> , 8, 54	3	13
17	Proteomic analyses of intermediate filaments reveals cytokeratin8 is highly acetylated--implications for colorectal epithelial homeostasis. <i>Proteomics</i> , <b>2008</b> , 8, 279-88	4.8	25
16	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> , <b>2007</b> , 18, 1423-8	3.5	26
15	Upregulation of BAK by butyrate in the colon is associated with increased Sp3 binding. <i>Oncogene</i> , <b>2006</b> , 25, 7192-200	9.2	58
14	Diet and colorectal cancer: fibre back on the menu?. <i>Gut</i> , <b>2004</b> , 53, 155-6	19.2	2
13	Spore germination. <i>Cellular and Molecular Life Sciences</i> , <b>2002</b> , 59, 403-9	10.3	170
12	Suicide: a way of life: Programmed cell death. <i>Biochemist</i> , <b>2002</b> , 24, 9-11	0.5	
11	Damage-induced Bax N-terminal change, translocation to mitochondria and formation of Bax dimers/complexes occur regardless of cell fate. <i>EMBO Journal</i> , <b>2001</b> , 20, 6306-15	13	120
10	Localization of GerAA and GerAC germination proteins in the Bacillus subtilis spore. <i>Journal of Bacteriology</i> , <b>2001</b> , 183, 4317-22	3.5	107
9	Cellular damage signals promote sequential changes at the N-terminus and BH-1 domain of the pro-apoptotic protein Bak. <i>Oncogene</i> , <b>2001</b> , 20, 7668-76	9.2	78
8	Changes in intercellular junctions during apoptosis precede nuclear condensation or phosphatidylserine exposure on the cell surface. <i>Cell Death and Differentiation</i> , <b>2000</b> , 7, 234-5	12.7	17
7	Cell damage-induced conformational changes of the pro-apoptotic protein Bak in vivo precede the onset of apoptosis. <i>Journal of Cell Biology</i> , <b>1999</b> , 144, 903-14	7.3	387
6	Alanine germination receptors of Bacillus subtilis. <i>Letters in Applied Microbiology</i> , <b>1996</b> , 23, 290-4	2.9	27
5	The gerB region of the Bacillus subtilis 168 chromosome encodes a homologue of the gerA spore germination operon. <i>Microbiology (United Kingdom)</i> , <b>1994</b> , 140 ( Pt 3), 471-8	2.9	39

4	Analysis of the expression and regulation of the gerB spore germination operon of <i>Bacillus subtilis</i> 168. <i>Microbiology (United Kingdom)</i> , <b>1994</b> , 140 ( Pt 11), 3079-83	2.9	33
3	Molecular genetical and phenotypical analysis of the gerM spore germination gene of <i>Bacillus subtilis</i> 168. <i>FEMS Microbiology Letters</i> , <b>1994</b> , 121, 315-20	2.9	15
2	The genetic analysis of bacterial spore germination. <i>Journal of Applied Bacteriology</i> , <b>1994</b> , 77, 9S-16S		32
1	Cellular damage signals promote sequential changes at the N-terminus and BH-1 domain of the pro-apoptotic protein Bak		1