

# Britta Spanier

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

860  
citations

687363

13  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meltome atlasâ€”thermal proteome stability across the tree of life. <i>Nature Methods</i> , 2020, 17, 495-503.	19.0	152
2	Transport Versus Hydrolysis: Reassessing Intestinal Assimilation of Diâ€•and Tripeptides by LCâ€•MS/MS Analysis. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1900263.	3.3	8
3	Bioavailability and Biological Effects of 2- <i>O</i> - $\beta$ -D-Glucopyranosyl-carboxyatractyligenin from Green Coffee in <i>Caenorhabditis elegans</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4774-4781.	5.2	5
4	Appearance of Diâ€•and Tripeptides in Human Plasma after a Protein Meal Does Not Correlate with PEPT1 Substrate Selectivity. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801094.	3.3	7
5	Bovine embryo elongation is altered due to maternal fatty acid supplementation. <i>Biology of Reproduction</i> , 2018, 99, 600-610.	2.7	13
6	Proton Coupled Oligopeptide Transporter 1 (PepT1) Function, Regulation, and Influence on Intestinal Homeostasis. <i>Journal of Molecular Biology</i> , 2018, 8, 843-869.		40
7	The Reproduction Rate of Peptide Transporter PEPT-1 Deficient <i>C. elegans</i> Is Dependent on Dietary Glutamate Supply. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 109.	3.5	6
8	Acylcarnitine Profiles in Plasma and Tissues of Hyperglycemic NZO Mice Correlate with Metabolite Changes of Human Diabetes. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-9.	2.3	4
9	Metabolite profiling in plasma and tissues of ob/ob and db/db mice identifies novel markers of obesity and type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 2133-2143.	6.3	126
10	An LC-MS/MS method to quantify acylcarnitine species including isomeric and odd-numbered forms in plasma and tissues. <i>Journal of Lipid Research</i> , 2015, 56, 2029-2039.	4.2	73
11	Transcriptional and functional regulation of the intestinal peptide transporter PEPT1. <i>Journal of Physiology</i> , 2014, 592, 871-879.	2.9	61
12	Nrf2 regulates the expression of the peptide transporter PEPT1 in the human colon carcinoma cell line Caco-2. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1747-1754.	2.4	19
13	Intestinal Amino Acid Availability via PEPT-1 Affects TORC1/2 Signaling and the Unfolded Protein Response. <i>Journal of Proteome Research</i> , 2014, 13, 3685-3692.	3.7	19
14	Mice lacking the intestinal peptide transporter display reduced energy intake and a subtle maldigestion/malabsorption that protects them from diet-induced obesity. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G897-G907.	3.4	24
15	Peptide transporter isoforms are discriminated by the fluorophore-conjugated dipeptides $\beta$ -Ala- and $\beta$ -Ala-Lys-N-7-amino-4-methylcoumarin-3-acetic acid. <i>Physiological Reports</i> , 2013, 1, e00165.	1.7	15
16	A Glutathione Peroxidase, Intracellular Peptidases and the TOR Complexes Regulate Peptide Transporter PEPT-1 in <i>C. elegans</i> . <i>PLoS ONE</i> , 2011, 6, e25624.	2.5	38
17	Altered signalling from germline to intestine pushes <i>daf-2;pept-1</i> <i>Caenorhabditis elegans</i> into extreme longevity. <i>Aging Cell</i> , 2010, 9, 636-646.	6.7	27
18	How the Intestinal Peptide Transporter PEPT-1 Contributes to an Obesity Phenotype in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2009, 4, e6279.	2.5	53

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19	From Bacteria to Man: Archaic Proton-Dependent Peptide Transporters at Work. <i>Physiology</i> , 2006, 21, 93-102.	3.1	170