

# Sebastian Brandhorst

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9159231/publications.pdf>

Version: 2024-02-01

29  
papers

4,529  
citations

257450

24  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

5705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Protein Intake Is Associated with a Major Reduction in IGF-1, Cancer, and Overall Mortality in the 65 and Younger but Not Older Population. <i>Cell Metabolism</i> , 2014, 19, 407-417.	16.2	715
2	A Periodic Diet that Mimics Fasting Promotes Multi-System Regeneration, Enhanced Cognitive Performance, and Healthspan. <i>Cell Metabolism</i> , 2015, 22, 86-99.	16.2	635
3	Fasting Cycles Retard Growth of Tumors and Sensitize a Range of Cancer Cell Types to Chemotherapy. <i>Science Translational Medicine</i> , 2012, 4, 124ra27.	12.4	531
4	A Diet Mimicking Fasting Promotes Regeneration and Reduces Autoimmunity and Multiple Sclerosis Symptoms. <i>Cell Reports</i> , 2016, 15, 2136-2146.	6.4	371
5	Fasting-mimicking diet and markers/risk factors for aging, diabetes, cancer, and cardiovascular disease. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	363
6	Fasting-Mimicking Diet Reduces HO-1 to Promote TÂCell-Mediated Tumor Cytotoxicity. <i>Cancer Cell</i> , 2016, 30, 136-146.	16.8	289
7	Fasting-mimicking diet and hormone therapy induce breast cancer regression. <i>Nature</i> , 2020, 583, 620-624.	27.8	198
8	Fasting-Mimicking Diet Modulates Microbiota and Promotes Intestinal Regeneration to Reduce Inflammatory Bowel Disease Pathology. <i>Cell Reports</i> , 2019, 26, 2704-2719.e6.	6.4	191
9	Fasting Enhances the Response of Glioma to Chemo- and Radiotherapy. <i>PLoS ONE</i> , 2012, 7, e44603.	2.5	169
10	Safety and feasibility of fasting in combination with platinum-based chemotherapy. <i>BMC Cancer</i> , 2016, 16, 360.	2.6	153
11	Fasting and Caloric Restriction in Cancer Prevention and Treatment. <i>Recent Results in Cancer Research</i> , 2016, 207, 241-266.	1.8	109
12	Synergistic effect of fasting-mimicking diet and vitamin C against KRAS mutated cancers. <i>Nature Communications</i> , 2020, 11, 2332.	12.8	90
13	Dietary Restrictions and Nutrition in the Prevention and Treatment of Cardiovascular Disease. <i>Circulation Research</i> , 2019, 124, 952-965.	4.5	84
14	Humanin Prevents Age-Related Cognitive Decline in Mice and is Associated with Improved Cognitive Age in Humans. <i>Scientific Reports</i> , 2018, 8, 14212.	3.3	74
15	Short-term calorie and protein restriction provide partial protection from chemotoxicity but do not delay glioma progression. <i>Experimental Gerontology</i> , 2013, 48, 1120-1128.	2.8	71
16	The mitochondrial derived peptide humanin is a regulator of lifespan and healthspan. <i>Aging</i> , 2020, 12, 11185-11199.	3.1	67
17	Protein Quantity and Source, Fasting-Mimicking Diets, and Longevity. <i>Advances in Nutrition</i> , 2019, 10, S340-S350.	6.4	54
18	Time-Restricted Eating, Intermittent Fasting, and Fasting-Mimicking Diets in Weight Loss. <i>Current Obesity Reports</i> , 2021, 10, 70-80.	8.4	50

#	ARTICLE	IF	CITATIONS
19	Protective effects of short-term dietary restriction in surgical stress and chemotherapy. Ageing Research Reviews, 2017, 39, 68-77.	10.9	46
20	Chronic treatment with the mitochondrial peptide humanin prevents age-related myocardial fibrosis in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1127-H1136.	3.2	46
21	Fasting regulates EGR1 and protects from glucose- and dexamethasone-dependent sensitization to chemotherapy. PLoS Biology, 2017, 15, e2001951.	5.6	45
22	Starvation Promotes REV1 SUMOylation and p53-Dependent Sensitization of Melanoma and Breast Cancer Cells. Cancer Research, 2015, 75, 1056-1067.	0.9	35
23	Fasting-mimicking diet prevents high-fat diet effect on cardiometabolic risk and lifespan. Nature Metabolism, 2021, 3, 1342-1356.	11.9	34
24	Periodic and Intermittent Fasting in Diabetes and Cardiovascular Disease. Current Diabetes Reports, 2020, 20, 83.	4.2	33
25	Personalized Nutrition: Translating the Science of NutriGenomics Into Practice: Proceedings From the 2018 American College of Nutrition Meeting. Journal of the American College of Nutrition, 2019, 38, 287-301.	1.8	27
26	Fasting and fasting-mimicking diets for chemotherapy augmentation. GeroScience, 2021, 43, 1201-1216.	4.6	20
27	Diet composition influences the metabolic benefits of short cycles of very low caloric intake. Nature Communications, 2021, 12, 6463.	12.8	12
28	Effects of Prolonged GRP78 Haploinsufficiency on Organ Homeostasis, Behavior, Cancer and Chemotoxic Resistance in Aged Mice. Scientific Reports, 2017, 7, 40919.	3.3	11
29	Assessing Insulin and Glucose Tolerance in the Aging Mouse. Methods in Molecular Biology, 2020, 2144, 125-129.	0.9	0