

# Stephen M Bergin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2247154/publications.pdf>

Version: 2024-02-01

57  
papers

3,712  
citations

236612

25  
h-index

161609

54  
g-index

57  
all docs

57  
docs citations

57  
times ranked

6363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipocyte CD1d Gene Transfer Induces T Cell Expansion and Adipocyte Inflammation in CD1d Knockout Mice. <i>Journal of Immunology</i> , 2022, 208, 2109-2121.	0.4	2
2	Enriched environment enhances NK cell maturation through hypothalamic BDNF in male mice. <i>European Journal of Immunology</i> , 2021, 51, 557-566.	1.6	6
3	Hypothalamic gene transfer of BDNF promotes healthy aging. <i>Vitamins and Hormones</i> , 2021, 115, 39-66.	0.7	1
4	Preoperative optimization for patients undergoing elective spine surgery. <i>Clinical Neurology and Neurosurgery</i> , 2021, 202, 106445.	0.6	6
5	Visceral adipose tissue-directed FGF21 gene therapy improves metabolic and immune health in BTBR mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 409-422.	1.8	15
6	LMO3 reprograms visceral adipocyte metabolism during obesity. <i>Journal of Molecular Medicine</i> , 2021, 99, 1151-1171.	1.7	4
7	Enhancing Effects of Environmental Enrichment on the Functions of Natural Killer Cells in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 695859.	2.2	10
8	Environmental activation of a hypothalamic BDNF-adipocyte IL-15 axis regulates adipose-natural killer cells. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 477-488.	2.0	5
9	Environmental Enrichment Mitigates Age-Related Metabolic Decline and Lewis Lung Carcinoma Growth in Aged Female Mice. <i>Cancer Prevention Research</i> , 2021, 14, 1075-1088.	0.7	5
10	Abstract 11086: MG53 Suppresses Nf $\kappa$ B Activation to Mitigate Age-Related Heart Failure. <i>Circulation</i> , 2021, 144, .	1.6	0
11	Environmental enrichment improves metabolic and behavioral health in the BTBR mouse model of autism. <i>Psychoneuroendocrinology</i> , 2020, 111, 104476.	1.3	35
12	Adipose PTEN acts as a downstream mediator of a brain-fat axis in environmental enrichment. <i>Comprehensive Psychoneuroendocrinology</i> , 2020, 4, 100013.	0.7	6
13	Perioperative Assessment of Cerebellar Masses and the Potential for Cerebellar Cognitive Affective Syndrome. <i>World Neurosurgery</i> , 2020, 144, 222-230.	0.7	6
14	Ablation of the Brca1 $\leftrightarrow$ Palb2 Interaction Phenocopies Fanconi Anemia in Mice. <i>Cancer Research</i> , 2020, 80, 4172-4184.	0.4	14
15	Adipose Tissue: An Emerging Target for Adeno-associated Viral Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 236-249.	1.8	16
16	Regulation of aging and cancer by enhanced environmental activation of a hypothalamic-sympathoneural-adipocyte axis. <i>Translational Cancer Research</i> , 2020, 9, 5687-5699.	0.4	4
17	Improvements to Healthspan Through Environmental Enrichment and Lifestyle Interventions: Where Are We Now?. <i>Frontiers in Neuroscience</i> , 2020, 14, 605.	1.4	34
18	CSF1R inhibitor PLX5622 and environmental enrichment additively improve metabolic outcomes in middle-aged female mice. <i>Aging</i> , 2020, 12, 2101-2122.	1.4	22

#	ARTICLE	IF	CITATIONS
19	Obesogenic Memory Maintains Adipose Tissue Inflammation and Insulin Resistance. <i>Immunometabolism</i> , 2020, 2, .	0.7	18
20	Long-term environmental enrichment affects microglial morphology in middle age mice. <i>Aging</i> , 2019, 11, 2388-2402.	1.4	35
21	Adipose PTEN regulates adult adipose tissue homeostasis and redistribution via a PTEN-leptin-sympathetic loop. <i>Molecular Metabolism</i> , 2019, 30, 48-60.	3.0	26
22	Insulin Modulates Excitatory Synaptic Transmission and Synaptic Plasticity in the Mouse Hippocampus. <i>Neuroscience</i> , 2019, 411, 237-254.	1.1	32
23	Loss of Antigen Presentation in Adipose Tissue Macrophages or in Adipocytes, but Not Both, Improves Glucose Metabolism. <i>Journal of Immunology</i> , 2019, 202, 2451-2459.	0.4	11
24	Adipocytes: A Novel Target for IL-15/IL-15R $\alpha$ Cancer Gene Therapy. <i>Molecular Therapy</i> , 2019, 27, 922-932.	3.7	25
25	rAAV-Mediated Gene Delivery to Adipose Tissue. <i>Methods in Molecular Biology</i> , 2019, 1950, 389-405.	0.4	9
26	Hypothalamic gene transfer of BDNF promotes healthy aging in mice. <i>Aging Cell</i> , 2019, 18, e12846.	3.0	33
27	Enriched environment regulates thymocyte development and alleviates experimental autoimmune encephalomyelitis in mice. <i>Brain, Behavior, and Immunity</i> , 2019, 75, 137-148.	2.0	31
28	Enriched environment inhibits breast cancer progression in obese models with intact leptin signaling. <i>Endocrine-Related Cancer</i> , 2019, 26, 483-495.	1.6	14
29	Management of hydrocephalus in infants with severe hemophilia A: report of 2 cases. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 159-163.	0.8	2
30	Implementation of environmental enrichment after middle age promotes healthy aging. <i>Aging</i> , 2018, 10, 1698-1721.	1.4	32
31	Acitretin Reduces L-Selectin Expression and Tumour Cell Homing in Chronic Lymphocytic Leukaemia (CLL). <i>Blood</i> , 2018, 132, 5532-5532.	0.6	0
32	SWELL1 is a regulator of adipocyte size, insulin signalling and glucose homeostasis. <i>Nature Cell Biology</i> , 2017, 19, 504-517.	4.6	111
33	miRNA-32 Drives Brown Fat Thermogenesis and Trans-activates Subcutaneous White Fat Browning in Mice. <i>Cell Reports</i> , 2017, 19, 1229-1246.	2.9	76
34	Hepatic Expression of Adenovirus 36 E4ORF1 Improves Glycemic Control and Promotes Glucose Metabolism Through AKT Activation. <i>Diabetes</i> , 2017, 66, 358-371.	0.3	30
35	An Obesity Paradox: Increased Body Mass Index Is Associated with Decreased Aortic Atherosclerosis. <i>Current Hypertension Reports</i> , 2017, 19, 55.	1.5	14
36	Molecular Therapy of Melanocortin-4-Receptor Obesity by an Autoregulatory BDNF Vector. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017, 7, 83-95.	1.8	12

#	ARTICLE	IF	CITATIONS
37	Induction of adipose and hepatic SWELL1 expression is required for maintaining systemic insulin-sensitivity in obesity. <i>Channels</i> , 2017, 11, 673-677.	1.5	16
38	Targeting Visceral Fat by Intraperitoneal Delivery of Novel AAV Serotype Vector Restricting Off-Target Transduction in Liver. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017, 6, 68-78.	1.8	23
39	Adipocyte adaptive immunity mediates diet-induced adipose inflammation and insulin resistance by decreasing adipose Treg cells. <i>Nature Communications</i> , 2017, 8, .	5.8	56
40	Anticancer Molecules in Brain: Implication for Novel Strategy for Cancer Immunotherapy. <i>Immunotherapy (Los Angeles, Calif)</i> , 2016, 2, .	0.1	1
41	Obesity, Inflammation, and Cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2016, 11, 421-449.	9.6	570
42	Environmental and Genetic Activation of Hypothalamic BDNF Modulates T-cell Immunity to Exert an Anticancer Phenotype. <i>Cancer Immunology Research</i> , 2016, 4, 488-497.	1.6	42
43	A Progenitor Cell Expressing Transcription Factor ROR $\alpha$ 3t Generates All Human Innate Lymphoid Cell Subsets. <i>Immunity</i> , 2016, 44, 1140-1150.	6.6	153
44	Connexin 43 Mediates White Adipose Tissue Beiging by Facilitating the Propagation of Sympathetic Neuronal Signals. <i>Cell Metabolism</i> , 2016, 24, 420-433.	7.2	80
45	Genetic Manipulation of Brown Fat Via Oral Administration of an Engineered Recombinant Adeno-associated Viral Serotype Vector. <i>Molecular Therapy</i> , 2016, 24, 1062-1069.	3.7	16
46	Role of Hypothalamic VGF in Energy Balance and Metabolic Adaption to Environmental Enrichment in Mice. <i>Endocrinology</i> , 2016, 2016, 34-46.	1.4	20
47	A Protocol for Housing Mice in an Enriched Environment. <i>Journal of Visualized Experiments</i> , 2015, , e52874.	0.2	55
48	Hypothalamic Gene Transfer of BDNF Inhibits Breast Cancer Progression and Metastasis in Middle Age Obese Mice. <i>Molecular Therapy</i> , 2014, 22, 1275-1284.	3.7	40
49	Adipose tissue insulin receptor knockdown via a new primate-derived hybrid recombinant AAV serotype. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 8.	1.8	31
50	The Anti-Tumor Activity of a Neutralizing Nanobody Targeting Leptin Receptor in a Mouse Model of Melanoma. <i>PLoS ONE</i> , 2014, 9, e89895.	1.1	24
51	The Histone Deacetylase Inhibitor Valproic Acid Lessens NK Cell Action against Oncolytic Virus-Infected Glioblastoma Cells by Inhibition of STAT5/T-BET Signaling and Generation of Gamma Interferon. <i>Journal of Virology</i> , 2012, 86, 4566-4577.	1.5	79
52	The effect of nanowire length and diameter on the properties of transparent, conducting nanowire films. <i>Nanoscale</i> , 2012, 4, 1996.	2.8	413
53	What Is the Brain-Cancer Connection?. <i>Annual Review of Neuroscience</i> , 2012, 35, 331-345.	5.0	52
54	White to Brown Fat Phenotypic Switch Induced by Genetic and Environmental Activation of a Hypothalamic-Adipocyte Axis. <i>Cell Metabolism</i> , 2011, 14, 324-338.	7.2	328

#	ARTICLE	IF	CITATIONS
55	The Growth Mechanism of Copper Nanowires and Their Properties in Flexible, Transparent Conducting Films. <i>Advanced Materials</i> , 2010, 22, 3558-3563.	11.1	622
56	Environmental and Genetic Activation of a Brain-Adipocyte BDNF/Leptin Axis Causes Cancer Remission and Inhibition. <i>Cell</i> , 2010, 142, 52-64.	13.5	287
57	Molecular therapy of obesity and diabetes by a physiological autoregulatory approach. <i>Nature Medicine</i> , 2009, 15, 447-454.	15.2	102