Michaela Tencerova

List of Publications by Year
in descending order

32 papers	1,842 citations	394286 19 h-index	377752 34 g-index
36 all docs	36 docs citations	36 times ranked	3622 citing authors

#	Article	IF	Citations
1	Local Proliferation of Macrophages Contributes to Obesity-Associated Adipose Tissue Inflammation. Cell Metabolism, 2014, 19, 162-171.	7.2	486
2	Osteogenesis depends on commissioning of a network of stem cell transcription factors that act as repressors of adipogenesis. Nature Genetics, 2019, 51, 716-727.	9.4	156
3	High-Fat Dietâ€"Induced Obesity Promotes Expansion of Bone Marrow Adipose Tissue and Impairs Skeletal Stem Cell Functions in Mice. Journal of Bone and Mineral Research, 2018, 33, 1154-1165.	3.1	153
4	Gene silencing in adipose tissue macrophages regulates whole-body metabolism in obese mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8278-8283.	3.3	132
5	The Bone Marrow-Derived Stromal Cells: Commitment and Regulation of Adipogenesis. Frontiers in Endocrinology, 2016, 7, 127.	1.5	98
6	Obesity-Associated Hypermetabolism and Accelerated Senescence of Bone Marrow Stromal Stem Cells Suggest a Potential Mechanism for Bone Fragility. Cell Reports, 2019, 27, 2050-2062.e6.	2.9	86
7	Lipid storage by adipose tissue macrophages regulates systemic glucose tolerance. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E374-E383.	1.8	73
8	Efficacy of Injection of Freshly Collected Autologous Adipose Tissue Into Perianal Fistulas in Patients With Crohnâ€™s Disease. Gastroenterology, 2019, 156, 2208-2216.e1.	0.6	72
9	Liver macrophages regulate systemic metabolism through non-inflammatory factors. Nature Metabolism, 2019, 1, 445-459.	5.1	72
10	Isolation of Kupffer Cells and Hepatocytes from a Single Mouse Liver. Methods in Molecular Biology, 2017, 1639, 161-171.	0.4	62
11	Activated Kupffer cells inhibit insulin sensitivity in obese mice. FASEB Journal, 2015, 29, 2959-2969.	0.2	54
12	Obesity-Induced Changes in Bone Marrow Homeostasis. Frontiers in Endocrinology, 2020, 11, 294.	1.5	53
13	Weight Loss Improves the Adipogenic Capacity of Human Preadipocytes and Modulates Their Secretory Profile. Diabetes, 2013, 62, 1990-1995.	0.3	47
14	Aging and lineage allocation changes of bone marrow skeletal (stromal) stem cells. Bone, 2019, 123, 265-273.	1.4	46
15	Metabolic programming determines the lineage-differentiation fate of murine bone marrow stromal progenitor cells. Bone Research, 2019, 7, 35.	5.4	30
16	Adipose Tissue Secretion and Expression of Adipocyte-Produced and Stromavascular Fraction-Produced Adipokines Vary during Multiple Phases of Weight-Reducing Dietary Intervention in Obese Women. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1176-E1181.	1.8	28
17	Soluble CD163 Is Associated With CD163 mRNA Expression in Adipose Tissue and With Insulin Sensitivity in Steady-State Condition but Not in Response to Calorie Restriction. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E528-E535.	1.8	28
18	Effects of gastric inhibitory polypeptide, glucagonâ€like peptideâ€1 and glucagonâ€like peptideâ€1 receptor agonists on Bone Cell Metabolism. Basic and Clinical Pharmacology and Toxicology, 2018, 122, 25-37.	1.2	25

#	Article	IF	Citations
19	Peptide- and Amine-Modified Glucan Particles for the Delivery of Therapeutic siRNA. Molecular Pharmaceutics, 2016, 13, 964-978.	2.3	22
20	Insulin Signaling in Bone Marrow Adipocytes. Current Osteoporosis Reports, 2019, 17, 446-454.	1.5	21
21	Bone marrow adipose tissue: Role in bone remodeling and energy metabolism. Best Practice and Research in Clinical Endocrinology and Metabolism, 2021, 35, 101545.	2.2	18
22	Impaired Bone Fracture Healing in Type 2 Diabetes Is Caused by Defective Functions of Skeletal Progenitor Cells. Stem Cells, 2022, 40, 149-164.	1.4	15
23	Acute hyperlipidemia initiates proinflammatory and proatherogenic changes in circulation and adipose tissue in obese women. Atherosclerosis, 2016, 250, 151-157.	0.4	13
24	Experimental Hyperglycemia Induces an Increase of Monocyte and T-Lymphocyte Content in Adipose Tissue of Healthy Obese Women. PLoS ONE, 2015, 10, e0122872.	1.1	12
25	Guidelines for Biobanking of Bone Marrow Adipose Tissue and Related Cell Types: Report of the Biobanking Working Group of the International Bone Marrow Adiposity Society. Frontiers in Endocrinology, 2021, 12, 744527.	1.5	11
26	The Impact of Full-Length, Trimeric and Globular Adiponectin on Lipolysis in Subcutaneous and Visceral Adipocytes of Obese and Non-Obese Women. PLoS ONE, 2013, 8, e66783.	1.1	10
27	Absence of an osteopetrosis phenotype in IKBKG (NEMO) mutation-positive women: A case-control study. Bone, 2019, 121, 243-254.	1.4	4
28	Glucan-Encapsulated siRNA Particles (GeRPs) for Specific Gene Silencing in Kupffer Cells in Mouse Liver. Methods in Molecular Biology, 2020, 2164, 65-73.	0.4	2
29	Molecular differences of adipose-derived mesenchymal stem cells between non-responders and responders in treatment ofÂ transphincteric perianal fistulas. Stem Cell Research and Therapy, 2021, 12, 586.	2.4	2
30	Next Generation Bone Marrow Adiposity Researchers: Report From the 1st BMAS Summer School 2021. Frontiers in Endocrinology, 2022, 13, 879588.	1.5	2
31	Mediators of Inflammation in Bone Physiology and Diseases. Mediators of Inflammation, 2022, 2022, 1-2.	1.4	1
32	Reply. Gastroenterology, 2021, 161, 2068-2069.	0.6	0