

# Bo Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

448  
citations

1040056

9  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal High-Fat Diet During Gestation or Suckling Differentially Affects Offspring Leptin Sensitivity and Obesity. <i>Diabetes</i> , 2012, 61, 2833-2841.	0.6	204
2	Prenatal high-fat diet alters placental morphology, nutrient transporter expression, and mtorc1 signaling in rat. <i>Obesity</i> , 2017, 25, 909-919.	3.0	32
3	<i>Irgm1</i> facilitates macrophage apoptosis through ROS generation and MAPK signal transduction: <i>Irgm1</i> <sup>+/+</sup> mice display increases atherosclerotic plaque stability. <i>Theranostics</i> , 2021, 11, 9358-9375.	10.0	25
4	Cold-Induced Browning Dynamically Alters the Expression Profiles of Inflammatory Adipokines with Tissue Specificity in Mice. <i>International Journal of Molecular Sciences</i> , 2016, 17, 795.	4.1	24
5	Large Litter Rearing Improves Leptin Sensitivity and Hypothalamic Appetite Markers in Offspring of Rat Dams Fed High-Fat Diet During Pregnancy and Lactation. <i>Endocrinology</i> , 2014, 155, 3421-3433.	2.8	17
6	Depot-specific regulation of NAD <sup>+</sup> /SIRT6 metabolism identified in adipose tissue of mice in response to high-fat diet feeding or calorie restriction. <i>Journal of Nutritional Biochemistry</i> , 2020, 80, 108377.	4.2	17
7	Maternal high-fat diet during pregnancy and lactation reduces the appetitive behavioral component in female offspring tested in a brief-access taste procedure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R499-R509.	1.8	16
8	Novel phonon resonator based on surface screw thread for suppressing thermal transport of Si nanowires. <i>Physical Review B</i> , 2020, 101, .	3.2	16
9	Taste sensitivity to sucrose is lower in outbred Sprague-Dawley phenotypic obesity-prone rats than obesity-resistant rats. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 155-163.	2.1	13
10	Contribution of gestational diabetes mellitus heterogeneity and prepregnancy body mass index to large-for-gestational-age infants: A retrospective case-control study. <i>Journal of Diabetes</i> , 2021, 13, 307-317.	1.8	13
11	Placental lipid transport and content in response to maternal overweight and gestational diabetes mellitus in human term placenta. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 692-702.	2.6	11
12	Effects of saccharin supplementation on body weight, sweet receptor mRNA expression and appetite signals regulation in post-weanling rats. <i>Peptides</i> , 2018, 107, 32-38.	2.4	9
13	Prenatal exercise reverses high-fat-diet-induced placental alterations and alters male fetal hypothalamus during late gestation in rats. <i>Biology of Reproduction</i> , 2020, 102, 705-716.	2.7	9
14	Risk Factors Screening for Gestational Diabetes Mellitus Heterogeneity in Chinese Pregnant Women: A Case-Control Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 951-961.	2.4	8
15	Sex-Specific Effects of Maternal and Post-Weaning High-Fat Diet on Adipose Tissue Remodeling and Asprosin Expression in Mice Offspring. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100470.	3.3	8
16	Maternal exercise during gestation and lactation decreases high-fat diet preference by altering central reward system gene expression in adult female offspring from high-fat fed dams. <i>Behavioural Brain Research</i> , 2020, 390, 112660.	2.2	7
17	Maternal high-fat diet during gestation and lactation increases conditioned aversion threshold for sucrose and alters sweet taste receptors expression in taste buds in rat offspring. <i>Physiology and Behavior</i> , 2019, 212, 112709.	2.1	6
18	Maternal low protein exposure alters glucose tolerance and intestinal nutrient-responsive receptors and transporters expression of rat offspring. <i>Life Sciences</i> , 2020, 243, 117216.	4.3	5

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19	Maternal Metformin Treatment during Gestation and Lactation Improves Skeletal Muscle Development in Offspring of Rat Dams Fed High-Fat Diet. <i>Nutrients</i> , 2021, 13, 3417.	4.1	4
20	Association of Elevated Plasma FGF21 and Activated FGF21 Signaling in Visceral White Adipose Tissue and Improved Insulin Sensitivity in Gestational Diabetes Mellitus Subtype: A Case-Control Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 795520.	3.5	2
21	Maternal exercise and high-fat diet affect hypothalamic neural projections in rat offspring in a sex-specific manner. <i>Journal of Nutritional Biochemistry</i> , 2022, 103, 108958.	4.2	2
22	Decreased taste sensitivity to sucrose in dopamine D3 receptor mutant mice. <i>Chemical Senses</i> , 2022, 47, .	2.0	0