

Kelsey H Collins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1124296/publications.pdf>

Version: 2024-02-01

18
papers

777
citations

777949

13
h-index

939365

18
g-index

20
all docs

20
docs citations

20
times ranked

1282
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Leptin mediates the regulation of muscle mass and strength by adipose tissue. <i>Journal of Physiology</i> , 2022, 600, 3795-3817. | 1.3 | 13 |
| 2 | Immunoengineering the next generation of arthritis therapies. <i>Acta Biomaterialia</i> , 2021, 133, 74-86. | 4.1 | 25 |
| 3 | Contractility of permeabilized rat vastus intermedius muscle fibres following high-fat, high-sucrose diet consumption. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1389-1399. | 0.9 | 2 |
| 4 | Taxonomic changes in the gut microbiota are associated with cartilage damage independent of adiposity, high fat diet, and joint injury. <i>Scientific Reports</i> , 2021, 11, 14560. | 1.6 | 10 |
| 5 | A genome-engineered bioartificial implant for autoregulated anticytokine drug delivery. <i>Science Advances</i> , 2021, 7, eabj1414. | 4.7 | 23 |
| 6 | Adipose tissue is a critical regulator of osteoarthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 85 |
| 7 | Impact of age on host responses to diet-induced obesity: Development of joint damage and metabolic set points. <i>Journal of Sport and Health Science</i> , 2020, 9, 132-139. | 3.3 | 11 |
| 8 | Infiltration of intramuscular adipose tissue impairs skeletal muscle contraction. <i>Journal of Physiology</i> , 2020, 598, 2669-2683. | 1.3 | 90 |
| 9 | Gene therapy for follistatin mitigates systemic metabolic inflammation and post-traumatic arthritis in high-fat diet-induced obesity. <i>Science Advances</i> , 2020, 6, eaaz7492. | 4.7 | 37 |
| 10 | Is Obesity a Disease of Stem Cells?. <i>Cell Stem Cell</i> , 2020, 27, 15-18. | 5.2 | 20 |
| 11 | Protective effect of prebiotic and exercise intervention on knee health in a rat model of diet-induced obesity. <i>Scientific Reports</i> , 2019, 9, 3893. | 1.6 | 95 |
| 12 | Maternal prebiotic supplementation reduces fatty liver development in offspring through altered microbial and metabolomic profiles in rats. <i>FASEB Journal</i> , 2019, 33, 5153-5167. | 0.2 | 39 |
| 13 | Genome Engineering for Osteoarthritis: From Designer Cells to Disease-Modifying Drugs. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 335-343. | 1.6 | 18 |
| 14 | Diet-induced obesity leads to pro-inflammatory alterations to the vitreous humour of the eye in a rat model. <i>Inflammation Research</i> , 2018, 67, 139-146. | 1.6 | 17 |
| 15 | Association of Metabolic Markers with self-reported osteoarthritis among middle-aged BMI-defined non-obese individuals: a cross-sectional study. <i>BMC Obesity</i> , 2018, 5, 23. | 3.1 | 7 |
| 16 | Obesity, Metabolic Syndrome, and Musculoskeletal Disease: Common Inflammatory Pathways Suggest a Central Role for Loss of Muscle Integrity. <i>Frontiers in Physiology</i> , 2018, 9, 112. | 1.3 | 182 |
| 17 | Reduced knee adduction moments for management of knee osteoarthritis. <i>Gait and Posture</i> , 2016, 50, 60-68. | 0.6 | 16 |
| 18 | A High-Fat High-Sucrose Diet Rapidly Alters Muscle Integrity, Inflammation and Gut Microbiota in Male Rats. <i>Scientific Reports</i> , 2016, 6, 37278. | 1.6 | 85 |