# Alexander W Fischer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/821904/publications.pdf

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| 43 | 2,639 | 236612 | 233125 |
|---|---|---|---|
| papers | citations | 25 h-index | 45 g-index |

| 47 | 47 | 47 | 4129 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Lysosomal acid lipase promotes endothelial proliferation in cold-activated adipose tissue. Adipocyte, 2022, 11, 28-33. | 1.3 | 3 |
| 2 | CD38 downregulation modulates NAD+ and NADP(H) levels in thermogenic adipose tissues. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158819. | 1.2 | 18 |
| 3 | Endogenous Fatty Acid Synthesis Drives Brown Adipose Tissue Involution. Cell Reports, 2021, 34, 108624. | 2.9 | 33 |
| 4 | Lysosomal lipoprotein processing in endothelial cells stimulates adipose tissue thermogenic adaptation. Cell Metabolism, 2021, 33, 547-564.e7. | 7.2 | 48 |
| 5 | TFEB deficiency attenuates mitochondrial degradation upon brown adipose tissue whitening at thermoneutrality. Molecular Metabolism, 2021, 47, 101173. | 3.0 | 17 |
| 6 | Leptin: Is It Thermogenic?. Endocrine Reviews, 2020, 41, 232-260. | 8.9 | 47 |
| 7 | Thermoneutrality-Induced Macrophage Accumulation in Brown Adipose Tissue Does Not Impair the Tissueâ€™s Competence for Cold-Induced Thermogenic Recruitment. Frontiers in Endocrinology, 2020, 11, 568682. | 1.5 | 10 |
| 8 | Brown adipose tissue lipoprotein and glucose disposal is not determined by thermogenesis in uncoupling protein 1-deficient mice. Journal of Lipid Research, 2020, 61, 1377-1389. | 2.0 | 15 |
| 9 | Lipid Droplets in Brown Adipose Tissue Are Dispensable for Cold-Induced Thermogenesis. Cell Reports, 2020, 33, 108348. | 2.9 | 53 |
| 10 | Human brown adipose tissue: Classical brown rather than brite/beige?. Experimental Physiology, 2020, 105, 1191-1200. | 0.9 | 44 |
| 11 | Abscisic acid stimulates the release of insulin and of GLPâ€1 in the rat perfused pancreas and intestine. Diabetes/Metabolism Research and Reviews, 2019, 35, e3102. | 1.7 | 5 |
| 12 | Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. Nature Metabolism, 2019, 1, 830-843. | 5.1 | 103 |
| 13 | No insulating effect of obesity, neither in mice nor in humans. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E952-E953. | 1.8 | 9 |
| 14 | Thyroid-Hormone-Induced Browning of White Adipose Tissue Does Not Contribute to Thermogenesis and Glucose Consumption. Cell Reports, 2019, 27, 3385-3400.e3. | 2.9 | 76 |
| 15 | The answer to the question â€œWhat is the best housing temperature to translate mouse experiments to humans?â€•is: thermoneutrality. Molecular Metabolism, 2019, 26, 1-3. | 3.0 | 46 |
| 16 | Glucocorticoid-Induced Obesity Develops Independently of UCP1. Cell Reports, 2019, 27, 1686-1698.e5. | 2.9 | 49 |
| 17 | Synergistic Effects of DHA and Sucrose on Body Weight Gain in PUFA-Deficient Elovl2 -/- Mice. Nutrients, 2019, 11, 852. | 1.7 | 4 |
| 18 | PID1 regulates insulin-dependent glucose uptake by controlling intracellular sorting of GLUT4-storage vesicles. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1592-1603. | 1.8 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dissecting hiPSC-CM pacemaker function in a cardiac organoid model. Biomaterials, 2019, 206, 133-145. | 5.7 | 21 |
| 20 | Intact innervation is essential for diet-induced recruitment of brown adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E487-E503. | 1.8 | 54 |
| 21 | Brown adipose tissue thermogenic adaptation requires Nrf1-mediated proteasomal activity. Nature Medicine, 2018, 24, 292-303. | 15.2 | 154 |
| 22 | Optimal housing temperatures for mice to mimic the thermal environment of humans: AnÂexperimental study. Molecular Metabolism, 2018, 7, 161-170. | 3.0 | 195 |
| 23 | Lipolysis Triggers a Systemic Insulin Response Essential for Efficient Energy Replenishment of Activated Brown Adipose Tissue in Mice. Cell Metabolism, 2018, 28, 644-655.e4. | 7.2 | 129 |
| 24 | The adaptor protein PID1 regulates receptor-dependent endocytosis of postprandial triglyceride-rich lipoproteins. Molecular Metabolism, 2018, 16, 88-99. | 3.0 | 45 |
| 25 | Altered hepatic glucose homeostasis in AnxA6-KO mice fed a high-fat diet. PLoS ONE, 2018, 13, e0201310. | 1.1 | 18 |
| 26 | FoxO transcription factors are required for hepatic HDL cholesterol clearance. Journal of Clinical Investigation, 2018, 128, 1615-1626. | 3.9 | 18 |
| 27 | UCP1 inhibition in Cidea-overexpressing mice is physiologically counteracted by brown adipose tissue hyperrecruitment. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E72-E87. | 1.8 | 41 |
| 28 | Leptin-deficient mice are not hypothermic, they are anapyrexic. Molecular Metabolism, 2017, 6, 173. | 3.0 | 13 |
| 29 | Impairment of systemic DHA synthesis affects macrophage plasticity and polarization: implications for DHA supplementation during inflammation. Cellular and Molecular Life Sciences, 2017, 74, 2815-2826. | 2.4 | 56 |
| 30 | Phantom validation of quantitative Y-90 PET/CT-based dosimetry in liver radioembolization. EJNMMI Research, 2017, 7, 94. | 1.1 | 28 |
| 31 | Reply to letter to the editor: at thermoneutrality, neither the lean nor the obese freeze. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E639-E639. | 1.8 | 5 |
| 32 | No insulating effect of obesity. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E202-E213. | 1.8 | 51 |
| 33 | FGF21 Lowers Plasma Triglycerides by Accelerating Lipoprotein Catabolism in White and Brown Adipose Tissues. Cell Metabolism, 2016, 23, 441-453. | 7.2 | 188 |
| 34 | Leptin Raises Defended Body Temperature without Activating Thermogenesis. Cell Reports, 2016, 14, 1621-1631. | 2.9 | 116 |
| 35 | Cidea improves the metabolic profile through expansion of adipose tissue. Nature Communications, 2015, 6, 7433. | 5.8 | 80 |
| 36 | Evaluation of functional characteristics of preactivated thiolated chitosan as potential therapeutic agent for dry mouth syndrome. Acta Biomaterialia, 2015, 21, 123-131. | 4.1 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Evaluation of elastix-based propagated align algorithm for VOI- and voxel-based analysis of longitudinal 18F-FDG PET/CT data from patients with non-small cell lung cancer (NSCLC). EJNMMI Research, 2015, 5, 15. | 1.1 | 7 |
| 38 | Evolutionary liberties of the Abutilon mosaic virus cluster. Virus Genes, 2015, 50, 63-70. | 0.7 | 9 |
| 39 | Light-dependent segregation of begomoviruses in Asystasia gangetica leaves. Virus Research, 2015, 195, 225-235. | 1.1 | 9 |
| 40 | Tailoring the Spin Functionality of a Hybrid Metal-Organic Interface by Means of Alkali-Metal Doping. Physical Review Letters, 2010, 104, 217602. | 2.9 | 39 |
| 41 | Ligand Bound Î²1 Integrins Inhibit Procaspase-8 for Mediating Cell Adhesion-Mediated Drug and Radiation Resistance in Human Leukemia Cells. PLoS ONE, 2007, 2, e269. | 1.1 | 60 |
| 42 | String method in collective variables: Minimum free energy paths and isocommittor surfaces. Journal of Chemical Physics, 2006, 125, 024106. | 1.2 | 600 |
| 43 | Distinct metastable atmospheric regimes despite nearly Gaussian statistics: A paradigm model. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8309-8314. | 3.3 | 74 |