

# Chelsea Hepler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2364941/publications.pdf>

Version: 2024-02-01

16  
papers

1,373  
citations

623734

14  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathologic HIF1 $\alpha$ signaling drives adipose progenitor dysfunction in obesity. <i>Cell Stem Cell</i> , 2021, 28, 685-701.e7.	11.1	57
2	Mitochondrial metabolism is a key regulator of the fibro-inflammatory and adipogenic stromal subpopulations in white adipose tissue. <i>Cell Stem Cell</i> , 2021, 28, 702-717.e8.	11.1	33
3	Roadmap on biology in time varying environments. <i>Physical Biology</i> , 2021, 18, 041502.	1.8	23
4	Supplements to treat prediabetes. <i>Science</i> , 2021, 372, 1147-1148.	12.6	3
5	Hepatocyte membrane potential regulates serum insulin and insulin sensitivity by altering hepatic GABA release. <i>Cell Reports</i> , 2021, 35, 109298.	6.4	14
6	NADH inhibition of SIRT1 links energy state to transcription during time-restricted feeding. <i>Nature Metabolism</i> , 2021, 3, 1621-1632.	11.9	26
7	Perivascular mesenchymal cells control adipose-tissue macrophage accrual in obesity. <i>Nature Metabolism</i> , 2020, 2, 1332-1349.	11.9	53
8	Dermal adipose tissue has high plasticity and undergoes reversible dedifferentiation in mice. <i>Journal of Clinical Investigation</i> , 2019, 129, 5327-5342.	8.2	112
9	De novo adipocyte differentiation from Pdgfr $\beta$ <sup>+</sup> preadipocytes protects against pathologic visceral adipose expansion in obesity. <i>Nature Communications</i> , 2018, 9, 890.	12.8	113
10	Identification of functionally distinct fibro-inflammatory and adipogenic stromal subpopulations in visceral adipose tissue of adult mice. <i>ELife</i> , 2018, 7, .	6.0	227
11	Fetal development of subcutaneous white adipose tissue is dependent on Zfp423. <i>Molecular Metabolism</i> , 2017, 6, 111-124.	6.5	56
12	Sorting out adipocyte precursors and their role in physiology and disease. <i>Genes and Development</i> , 2017, 31, 127-140.	5.9	104
13	The expanding problem of adipose depot remodeling and postnatal adipocyte progenitor recruitment. <i>Molecular and Cellular Endocrinology</i> , 2017, 445, 95-108.	3.2	62
14	Directing visceral white adipocyte precursors to a thermogenic adipocyte fate improves insulin sensitivity in obese mice. <i>ELife</i> , 2017, 6, .	6.0	39
15	Zfp423 Maintains White Adipocyte Identity through Suppression of the Beige Cell Thermogenic Gene Program. <i>Cell Metabolism</i> , 2016, 23, 1167-1184.	16.2	187
16	Pdgfr $\beta$ <sup>+</sup> Mural Preadipocytes Contribute to Adipocyte Hyperplasia Induced by High-Fat-Diet Feeding and Prolonged Cold Exposure in Adult Mice. <i>Cell Metabolism</i> , 2016, 23, 350-359.	16.2	259