# Umut Ozcan

List of Publications by Year
in descending order



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|---|---|---|---|
| 27 papers | 9,400 citations | 361413 20 h-index | 552781 26 g-index |
| 27 all docs | 27 docs citations | 27 times ranked | 12194 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Antisense-mediated senseful regulation of orchestrated metabolic response. Cell Chemical Biology, 2022, 29, 539-540. | 5.2 | 0 |
| 2 | FKBP11 rewires UPR signaling to promote glucose homeostasis in type 2 diabetes and obesity. Cell Metabolism, 2022, 34, 1004-1022.e8. | 16.2 | 9 |
| 3 | Transcription- and phosphorylation-dependent control of a functional interplay between XBP1s and PINK1 governs mitophagy and potentially impacts Parkinson disease pathophysiology. Autophagy, 2021, 17, 4363-4385. | 9.1 | 26 |
| 4 | Lipocalin 2 Does Not Play A Role in Celastrol-Mediated Reduction in Food Intake and Body Weight. Scientific Reports, 2019, 9, 12809. | 3.3 | 8 |
| 5 | Yin Yang 1 protein ameliorates diabetic nephropathy pathology through transcriptional repression of TGFÎ²1. Science Translational Medicine, 2019, 11, . | 12.4 | 37 |
| 6 | IL1R1 is required for celastrolâ€™s leptin-sensitization and antiobesity effects. Nature Medicine, 2019, 25, 575-582. | 30.7 | 84 |
| 7 | PGC-1Î± functions as a co-suppressor of XBP1s to regulate glucose metabolism. Molecular Metabolism, 2018, 7, 119-131. | 6.5 | 24 |
| 8 | Selective Chemical Inhibition of PGC-1Î± Gluconeogenic Activity Ameliorates Type 2 Diabetes. Cell, 2017, 169, 148-160.e15. | 28.9 | 153 |
| 9 | Withaferin A is a leptin sensitizer with strong antidiabetic properties in mice. Nature Medicine, 2016, 22, 1023-1032. | 30.7 | 166 |
| 10 | Inflammation Improves Glucose Homeostasis through IKKÎ²-XBP1s Interaction. Cell, 2016, 167, 1052-1066.e18. | 28.9 | 77 |
| 11 | XBP1s Is an Anti-lipogenic Protein. Journal of Biological Chemistry, 2016, 291, 17394-17404. | 3.4 | 57 |
| 12 | Treatment of Obesity with Celastrol. Cell, 2015, 161, 999-1011. | 28.9 | 558 |
| 13 | IRS1Ser307 phosphorylation does not mediate mTORC1-induced insulin resistance. Biochemical and Biophysical Research Communications, 2014, 443, 689-693. | 2.1 | 7 |
| 14 | Momâ€™s Milk Molds Neural Wiring for Metabolism. Cell, 2014, 156, 396-397. | 28.9 | 1 |
| 15 | Unfolded Protein Response Signaling and Metabolic Diseases. Journal of Biological Chemistry, 2014, 289, 1203-1211. | 3.4 | 238 |
| 16 | BRD7 Regulates XBP1sâ€™ Activity and Glucose Homeostasis through Its Interaction with the Regulatory Subunits of PI3K. Cell Metabolism, 2014, 20, 73-84. | 16.2 | 56 |
| 17 | Mitofusins: Mighty Regulators of Metabolism. Cell, 2013, 155, 17-18. | 28.9 | 12 |
| 18 | Potential for therapeutic manipulation of the UPR in disease. Seminars in Immunopathology, 2013, 35, 351-373. | 6.1 | 74 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | p38 MAPKâ€“mediated regulation of Xbp1s is crucial for glucose homeostasis. Nature Medicine, 2011, 17, 1251-1260. | 30.7 | 178 |
| 20 | Regulation of glucose homeostasis through a XBP-1â€“FoxO1 interaction. Nature Medicine, 2011, 17, 356-365. | 30.7 | 249 |
| 21 | The regulatory subunits of PI3K, p85Î± and p85Î², interact with XBP-1 and increase its nuclear translocation. Nature Medicine, 2010, 16, 429-437. | 30.7 | 267 |
| 22 | Sarco(endo)plasmic reticulum Ca <sup>2+</sup> -ATPase 2b is a major regulator of endoplasmic reticulum stress and glucose homeostasis in obesity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19320-19325. | 7.1 | 193 |
| 23 | Endoplasmic Reticulum Stress Plays a Central Role in Development of Leptin Resistance. Cell Metabolism, 2009, 9, 35-51. | 16.2 | 770 |
| 24 | Loss of the Tuberous Sclerosis Complex Tumor Suppressors Triggers the Unfolded Protein Response to Regulate Insulin Signaling and Apoptosis. Molecular Cell, 2008, 29, 541-551. | 9.7 | 389 |
| 25 | Chemical Chaperones Reduce ER Stress and Restore Glucose Homeostasis in a Mouse Model of Type 2 Diabetes. Science, 2006, 313, 1137-1140. | 12.6 | 2,154 |
| 26 | Endoplasmic Reticulum Stress Links Obesity, Insulin Action, and Type 2 Diabetes. Science, 2004, 306, 457-461. | 12.6 | 3,268 |
| 27 | Î²-cellâ€“specific deletion of the Igf1 receptor leads to hyperinsulinemia and glucose intolerance but does not alter Î²-cell mass. Nature Genetics, 2002, 31, 111-115. | 21.4 | 345 |