# Yavuz Oktay

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2470370/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 29 papers | 2,287 citations | 623734 14 h-index | 501196 28 g-index |
| 33 all docs | 33 docs citations | 33 times ranked | 4193 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Multiple organ pathology, metabolic abnormalities and impaired homeostasis of reactive oxygen species in Epas1â^'/â^' mice. Nature Genetics, 2003, 35, 331-340. | 21.4 | 438 |
| 2 | UCP2 regulates energy metabolism and differentiation potential of human pluripotent stem cells. EMBO Journal, 2011, 30, 4860-4873. | 7.8 | 437 |
| 3 | PNPASE Regulates RNA Import into Mitochondria. Cell, 2010, 142, 456-467. | 28.9 | 313 |
| 4 | Cardiolipin defines the interactome of the major ADP/ATP carrier protein of the mitochondrial inner membrane. Journal of Cell Biology, 2008, 182, 937-950. | 5.2 | 273 |
| 5 | HIF-2Î± regulates murine hematopoietic development in an erythropoietin-dependent manner. Blood, 2005, 105, 3133-3140. | 1.4 | 203 |
| 6 | The HIF family member EPAS1/HIF-2Î± is required for normal hematopoiesis in mice. Blood, 2003, 102, 1634-1640. | 1.4 | 177 |
| 7 | Hypoxia-inducible Factor 2Î± Regulates Expression of the Mitochondrial Aconitase Chaperone Protein Frataxin. Journal of Biological Chemistry, 2007, 282, 11750-11756. | 3.4 | 77 |
| 8 | Determinants of resistance to chemotherapy and ionizing radiation in breast cancer stem cells. Cancer Letters, 2016, 380, 485-493. | 7.2 | 70 |
| 9 | RdRp mutations are associated with SARS-CoV-2 genome evolution. PeerJ, 2020, 8, e9587. | 2.0 | 59 |
| 10 | Mutations of SARS-CoV-2 nsp14 exhibit strong association with increased genome-wide mutation load. PeerJ, 2020, 8, e10181. | 2.0 | 37 |
| 11 | IDH-mutant glioma specific association of rs55705857 located at 8q24.21 involves MYC deregulation. Scientific Reports, 2016, 6, 27569. | 3.3 | 26 |
| 12 | Use of telomerase promoter mutations to mark specific molecular subsets with reciprocal clinical behavior in IDH mutant and IDH wild-type diffuse gliomas. Journal of Neurosurgery, 2018, 128, 1102-1114. | 1.6 | 26 |
| 13 | Mutation density changes in SARS-CoV-2 are related to the pandemic stage but to a lesser extent in the dominant strain with mutations in spike and RdRp. PeerJ, 2020, 8, e9703. | 2.0 | 18 |
| 14 | Improved Diagnosis of Rare Disease Patients through Systematic Detection of Runs of Homozygosity. Journal of Molecular Diagnostics, 2020, 22, 1205-1215. | 2.8 | 14 |
| 15 | Dihydropyridine Receptor Congenital Myopathy In A Consangineous Turkish Family. Journal of Neuromuscular Diseases, 2019, 6, 377-384. | 2.6 | 12 |
| 16 | Whole exome sequencingâ€"based analysis to identify DNA damage repair deficiency as a major contributor to gliomagenesis in adult diffuse gliomas. Journal of Neurosurgery, 2020, 132, 1435-1446. | 1.6 | 12 |
| 17 | Bi-allelic variants in SPATA5L1 lead to intellectual disability, spastic-dystonic cerebral palsy, epilepsy, and hearing loss. American Journal of Human Genetics, 2021, 108, 2006-2016. | 6.2 | 11 |
| 18 | Different selection dynamics of S and RdRp between SARS-CoV-2 genomes with and without the dominant mutations. Infection, Genetics and Evolution, 2021, 91, 104796. | 2.3 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | COL4A1 -related autosomal recessive encephalopathy in 2 Turkish children. Neurology: Genetics, 2020, 6, e392. | 1.9 | 9 |
| 20 | Successful treatment of intractable epilepsy with ketogenic diet therapy in twins with ALG3-CDG. Brain and Development, 2020, 42, 539-545. | 1.1 | 9 |
| 21 | Current mutatome of SARS-CoV-2 in Turkey reveals mutations of interest. Turkish Journal of Biology, 2021, 45, 104-113. | 0.8 | 8 |
| 22 | Confirmation of TACO1 as a Leigh Syndrome Disease Gene in Two Additional Families. Journal of Neuromuscular Diseases, 2020, 7, 301-308. | 2.6 | 8 |
| 23 | Severe neurodevelopmental disease caused by a homozygous TLK2 variant. European Journal of Human Genetics, 2020, 28, 383-387. | 2.8 | 6 |
| 24 | Autosomal recessive variants in TUBGCP2 alter the Î³-tubulin ring complex leading to neurodevelopmental disease. IScience, 2021, 24, 101948. | 4.1 | 6 |
| 25 | Mutations and Copy Number Alterations in IDH Wild-Type Glioblastomas Are Shaped by Different Oncogenic Mechanisms. Biomedicines, 2020, 8, 574. | 3.2 | 4 |
| 26 | Alternative splicing and gene co-expression network-based analysis of dizygotic twins with autism-spectrum disorder and their parents. Genomics, 2021, 113, 2561-2571. | 2.9 | 4 |
| 27 | Novel insights into PORCN mutations, associated phenotypes and pathophysiological aspects. Orphanet Journal of Rare Diseases, 2022, 17, 29. | 2.7 | 3 |
| 28 | The Function of TIM22 in the Insertion of Inner Membrane Proteins in Mitochondria. The Enzymes, 2007, , 367-385. | 1.7 | 0 |
| 29 | Abstract 4360: Distinct energy metabolism in human pluripotent stem cells and differentiated cells regulated by UCP2. , 2011, , . | | 0 |