

# Mohammed Kanchwala

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,033  
citations

471509

17  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1876  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Mitochondrial substrate utilization regulates cardiomyocyte cell-cycle progression. <i>Nature Metabolism</i> , 2020, 2, 167-178.  | 11.9 | 131       |
| 2  | Suppression of the SWI/SNF Component Arid1a Promotes Mammalian Regeneration. <i>Cell Stem Cell</i> , 2016, 18, 456-466.   | 11.1 | 112       |
| 3  | BRD4 Promotes DNA Repair and Mediates the Formation of TMPRSS2-ERG Gene Rearrangements in Prostate Cancer. <i>Cell Reports</i> , 2018, 22, 796-808.   | 6.4  | 103       |
| 4  | A calcineurin-Hoxb13 axis regulates growth mode of mammalian cardiomyocytes. <i>Nature</i> , 2020, 582, 271-276.  | 27.8 | 77        |
| 5  | The IFN Response in Bats Displays Distinctive IFN-Stimulated Gene Expression Kinetics with Atypical RNASEL Induction. <i>Journal of Immunology</i> , 2018, 200, 209-217.  | 0.8  | 73        |
| 6  | MCM2-7-dependent cohesin loading during S phase promotes sister-chromatid cohesion. <i>ELife</i> , 2018, 7, .   | 6.0  | 57        |
| 7  | A methionine-Mettl3-N-methyladenosine axis promotes polycystic kidney disease. <i>Cell Metabolism</i> , 2021, 33, 1234-1247.e7.   | 16.2 | 52        |
| 8  | $^{223}\text{Rn}$ induces the expression of FAT2 and Slug to promote tumor invasion. <i>Oncotarget</i> , 2016, 7, 28592-28611.  | 1.8  | 49        |
| 9  | Mitochondrial Substrate Utilization Regulates Cardiomyocyte Cell Cycle Progression. <i>Nature Metabolism</i> , 2020, 2, 167-178.  | 11.9 | 49        |
| 10 | A NIK-SIX signalling axis controls inflammation by targeted silencing of non-canonical NF- $\kappa$ B. <i>Nature</i> , 2019, 568, 249-253.  | 27.8 | 43        |
| 11 | The landscape of RNA polymerase II-associated chromatin interactions in prostate cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 3987-4005.   | 8.2  | 37        |
| 12 | Genetic and Epigenetic Features of Rapidly Progressing IDH-Mutant Astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 542-548.  | 1.7  | 34        |
| 13 | Long noncoding RNA Hoxb3os is dysregulated in autosomal dominant polycystic kidney disease and regulates mTOR signaling. <i>Journal of Biological Chemistry</i> , 2018, 293, 9388-9398.   | 3.4  | 32        |
| 14 | YAP/TAZ drives cell proliferation and tumour growth via a polyamine-eIF5A hypusination-LSD1 axis. <i>Nature Cell Biology</i> , 2022, 24, 373-383.   | 10.3 | 26        |
| 15 | Analyzing pre-symptomatic tissue to gain insights into the molecular and mechanistic origins of late-onset degenerative trinucleotide repeat disease. <i>Nucleic Acids Research</i> , 2020, 48, 6740-6758.                        | 14.5 | 22        |
| 16 | Aggressive Behavior in Silent Subtype III Pituitary Adenomas May Depend on Suppression of Local Immune Response: A Whole Transcriptome Analysis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 874-882. | 1.7  | 20        |
| 17 | The cytotoxic type 3 secretion system 1 of <i>Vibrio</i> rewires host gene expression to subvert cell death and activate cell survival pathways. <i>Science Signaling</i> , 2017, 10, .   | 3.6  | 19        |
| 18 | TP53 promotes lineage commitment of human embryonic stem cells through ciliogenesis and sonic hedgehog signaling. <i>Cell Reports</i> , 2022, 38, 110395.   | 6.4  | 17        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Prostaglandin dehydrogenase is a target for successful induction of cervical ripening. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6427-E6436. | 7.1 | 16        |
| 20 | Multiplex Fragment Analysis for Flexible Detection of All SARS-CoV-2 Variants of Concern. Clinical Chemistry, 2022, 68, 1042-1052.  | 3.2 | 12        |
| 21 | East Asian–Specific Common Variant in <i>TNNI3</i> Predisposes to Hypertrophic Cardiomyopathy. Circulation, 2020, 142, 2086-2089.   | 1.6 | 11        |
| 22 | Controlled Ovarian Stimulation Protocols Alter Endometrial Histomorphology and Gene Expression Profiles. Reproductive Sciences, 2020, 27, 895-904.  | 2.5 | 9         |
| 23 | Chronic IL-1 exposure drives LNCaP cells to evolve androgen and AR independence. PLoS ONE, 2020, 15, e0242970.  | 2.5 | 8         |
| 24 | Spermatogonial Gene Networks Selectively Couple to Glutathione and Pentose Phosphate Metabolism but Not Cysteine Biosynthesis. IScience, 2021, 24, 101880.                                      | 4.1 | 7         |
| 25 | Thrombin Alters Human Endometrial Stromal Cell Differentiation During Decidualization. Reproductive Sciences, 2019, 26, 278-288.  | 2.5 | 6         |
| 26 | Biallelic variants in <i>RNU12</i> cause CDAGS syndrome. Human Mutation, 2021, 42, 1042-1052.   | 2.5 | 5         |
| 27 | Manipulation of IRE1-Dependent MAPK Signaling by a <i>Vibrio</i> Agonist-Antagonist Effector Pair. MSystems, 2021, 6, .   | 3.8 | 3         |