# Anthony Cook

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8028960/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 50 papers | 2,228 citations | 236925 25 h-index | 233421 45 g-index |
| 53 all docs | 53 docs citations | 53 times ranked | 3645 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Characterization of the Melanoma miRNAome by Deep Sequencing. PLoS ONE, 2010, 5, e9685. | 2.5 | 181 |
| 2 | Disease-specific, neurosphere-derived cells as models for brain disorders. DMM Disease Models and Mechanisms, 2010, 3, 785-798. | 2.4 | 175 |
| 3 | Single-cell eQTL mapping identifies cell typeâ€“specific genetic control of autoimmune disease. Science, 2022, 376, eabf3041. | 12.6 | 171 |
| 4 | Melanoma cell invasiveness is regulated by miRâ€211 suppression of the BRN2 transcription factor. Pigment Cell and Melanoma Research, 2011, 24, 525-537. | 3.3 | 158 |
| 5 | Post-Transcriptional Regulation of Melanin Biosynthetic Enzymes by cAMP and Resveratrol in Human Melanocytes. Journal of Investigative Dermatology, 2007, 127, 2216-2227. | 0.7 | 100 |
| 6 | Enriched retinal ganglion cells derived from human embryonic stem cells. Scientific Reports, 2016, 6, 30552. | 3.3 | 97 |
| 7 | Analysis of Cultured Human Melanocytes Based on Polymorphisms within the SLC45A2/MATP, SLC24A5/NCKX5, and OCA2/P Loci. Journal of Investigative Dermatology, 2009, 129, 392-405. | 0.7 | 96 |
| 8 | Human Melanoblasts in Culture: Expression of BRN2 and Synergistic Regulation by Fibroblast Growth Factor-2, Stem Cell Factor, and Endothelin-3. Journal of Investigative Dermatology, 2003, 121, 1150-1159. | 0.7 | 88 |
| 9 | The Recycling Endosome Protein Rab17 Regulates Melanocytic Filopodia Formation and Melanosome Trafficking. Traffic, 2011, 12, 627-643. | 2.7 | 83 |
| 10 | NRF2 Activation Restores Disease Related Metabolic Deficiencies in Olfactory Neurosphere-Derived Cells from Patients with Sporadic Parkinson's Disease. PLoS ONE, 2011, 6, e21907. | 2.5 | 81 |
| 11 | Red hair is the null phenotype of MC1R. Human Mutation, 2008, 29, E88-E94. | 2.5 | 69 |
| 12 | Proneural and proneuroendocrine transcription factor expression in cutaneous mechanoreceptor (Merkel) cells and Merkel cell carcinoma. International Journal of Cancer, 2002, 101, 103-110. | 5.1 | 68 |
| 13 | Frequent allelic loss at 10q23 but low incidence ofPTEN mutations in merkel cell carcinoma. International Journal of Cancer, 2001, 92, 409-413. | 5.1 | 63 |
| 14 | Gene-expression profiling reveals distinct expression patterns for Classic versus Variant Merkel cell phenotypes and new classifier genes to distinguish Merkel cell from small-cell lung carcinoma. Oncogene, 2004, 23, 2732-2742. | 5.9 | 63 |
| 15 | Co-expression of SOX9 and SOX10 during melanocytic differentiation in vitro. Experimental Cell Research, 2005, 308, 222-235. | 2.6 | 62 |
| 16 | POU domain transcription factors: BRN2 as a regulator of melanocytic growth and tumourigenesis. Pigment Cell and Melanoma Research, 2008, 21, 611-626. | 3.3 | 62 |
| 17 | NLRP3-Dependent and -Independent Processing of Interleukin (IL)-1Î² in Active Ulcerative Colitis. International Journal of Molecular Sciences, 2019, 20, 57. | 4.1 | 61 |
| 18 | Single cell eQTL analysis identifies cell type-specific genetic control of gene expression in fibroblasts and reprogrammed induced pluripotent stem cells. Genome Biology, 2021, 22, 76. | 8.8 | 58 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | SOX9 and SOX10 but Not BRN2 Are Required for Nestin Expression in Human Melanoma Cells. Journal of Investigative Dermatology, 2009, 129, 945-953. | 0.7 | 43 |
| 20 | Culture Variabilities of Human iPSC-Derived Cerebral Organoids Are a Major Issue for the Modelling of Phenotypes Observed in Alzheimerâ€™s Disease. Stem Cell Reviews and Reports, 2022, 18, 718-731. | 3.8 | 40 |
| 21 | TIMP1, TIMP2, and TIMP4 are increased in aqueous humor from primary open angle glaucoma patients. Molecular Vision, 2015, 21, 1162-72. | 1.1 | 40 |
| 22 | Screening of Human Primary Melanocytes of Defined Melanocortin-1 Receptor Genotype: Pigmentation Marker, Ultrastructural and UV-Survival Studies. Pigment Cell & Melanoma Research, 2003, 16, 198-207. | 3.6 | 39 |
| 23 | Surface coatings of ZnO nanoparticles mitigate differentially a host of transcriptional, protein and signalling responses in primary human olfactory cells. Particle and Fibre Toxicology, 2013, 10, 54. | 6.2 | 33 |
| 24 | PPARÎ³ agonists attenuate proliferation and modulate Wnt/Î²-catenin signalling in melanoma cells. International Journal of Biochemistry and Cell Biology, 2009, 41, 844-852. | 2.8 | 31 |
| 25 | Arsenic exposure disrupts epigenetic regulation of SIRT1 in human keratinocytes. Toxicology and Applied Pharmacology, 2014, 281, 136-145. | 2.8 | 31 |
| 26 | A Simple Differentiation Protocol for Generation of Induced Pluripotent Stem Cell-Derived Basal Forebrain-Like Cholinergic Neurons for Alzheimerâ€™s Disease and Frontotemporal Dementia Disease Modeling. Cells, 2020, 9, 2018. | 4.1 | 27 |
| 27 | If Human Brain Organoids Are the Answer to Understanding Dementia, What Are the Questions?. Neuroscientist, 2020, 26, 438-454. | 3.5 | 23 |
| 28 | Utility of Self-Destructing CRISPR/Cas Constructs for Targeted Gene Editing in the Retina. Human Gene Therapy, 2019, 30, 1349-1360. | 2.7 | 22 |
| 29 | Participant understanding and recall of informed consent for induced pluripotent stem cell biobanking. Cell and Tissue Banking, 2016, 17, 449-456. | 1.1 | 20 |
| 30 | SIRT1 inhibition restores apoptotic sensitivity in p53-mutated human keratinocytes. Toxicology and Applied Pharmacology, 2014, 277, 288-297. | 2.8 | 19 |
| 31 | Comparison of CRISPR/Cas Endonucleases for in vivo Retinal Gene Editing. Frontiers in Cellular Neuroscience, 2020, 14, 570917. | 3.7 | 19 |
| 32 | Nod-Like Receptor Pyrin-Containing Protein 6Â(NLRP6) Is Up-regulated inÂIleal Crohnâ€™s Disease andÂDifferentially Expressed in Goblet Cells. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 110-112.e8. | 4.5 | 16 |
| 33 | Rotenone Susceptibility Phenotype in Olfactory Derived Patient Cells as a Model of Idiopathic Parkinsonâ€™s Disease. PLoS ONE, 2016, 11, e0154544. | 2.5 | 13 |
| 34 | SIRT1 modulates miRNA processing defects in p53-mutated human keratinocytes. Journal of Dermatological Science, 2014, 74, 142-149. | 1.9 | 11 |
| 35 | CDKN2A is not the principal target of deletions on the short arm of chromosome 9 in neuroendocrine (Merkel cell) carcinoma of the skin. International Journal of Cancer, 2001, 93, 361-367. | 5.1 | 10 |
| 36 | Characterisation of colonic dysplasia-like epithelial atypia in murine colitis. World Journal of Gastroenterology, 2016, 22, 8334. | 3.3 | 10 |

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|---|---|---|---|
| 37 | Selfâ€reported student confidence in troubleshooting ability increases after completion of an inquiryâ€based <scp>PCR</scp> practical. Biochemistry and Molecular Biology Education, 2015, 43, 316-323. | 1.2 | 7 |
| 38 | Use of CRISPR/Cas ribonucleoproteins for high throughput gene editing of induced pluripotent stem cells. Methods, 2021, 194, 18-29. | 3.8 | 7 |
| 39 | Exposure of colonic epithelial cells to oxidative and endoplasmic reticulum stress causes rapid potassium efflux and calcium influx. Cell Biochemistry and Function, 2013, 31, 603-611. | 2.9 | 6 |
| 40 | Screening of CRISPR/Cas base editors to target the AMD high-risk Y402H complement factor H variant. Molecular Vision, 2019, 25, 174-182. | 1.1 | 5 |
| 41 | Generation of MNZTASi001-A, a human pluripotent stem cell line from a person with primary progressive multiple sclerosis. Stem Cell Research, 2021, 57, 102568. | 0.7 | 4 |
| 42 | Uteroglobin and FLRG concentrations in aqueous humor are associated with age in primary open angle glaucoma patients. BMC Ophthalmology, 2018, 18, 57. | 1.4 | 3 |
| 43 | BRN2 in Melanocytic Cell Development, Differentiation, and Transformation. , 2006, , 149-167. | | 3 |
| 44 | Image-Based Quantitation of Kainic Acid-Induced Excitotoxicity as a Model of Neurodegeneration in Human iPSC-Derived Neurons. Methods in Molecular Biology, 2021, , 1. | 0.9 | 3 |
| 45 | CRISPR/Cas-Mediated Knock-in of Genetically Encoded Fluorescent Biosensors into the AAVS1 Locus of Human-Induced Pluripotent Stem Cells. Methods in Molecular Biology, 2021, , 1. | 0.9 | 3 |
| 46 | Gene Expression Profiling Reveals Two Distinct Subtypes of Merkel Cell Carcinoma. , 2003, , 195-202. | | 1 |
| 47 | Approaches for the sensitive detection of rare base and prime editing events. Methods, 2021, 194, 75-82. | 3.8 | 1 |
| 48 | Expression of Developmentally Regulated Transcription Factors in Merkel Cell Carcinoma. , 2003, , 203-218. | | 0 |
| 49 | Reflections on the Value of Mapping the Final Theory Examination in a Molecular Biochemistry Unit. Journal of Microbiology and Biology Education, 2014, 15, 53-54. | 1.0 | 0 |
| 50 | Peeking into the molecular trove of discarded surgical specimens. Clinical and Experimental Ophthalmology, 2016, 44, 661-662. | 2.6 | 0 |