

Nicholas R F Hannan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

4,350
citations

279798

23
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

5881
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Targeted gene correction of α 1-antitrypsin deficiency in induced pluripotent stem cells. <i>Nature</i> , 2011, 478, 391-394. | 27.8 | 635 |
| 2 | Modeling inherited metabolic disorders of the liver using human induced pluripotent stem cells. <i>Journal of Clinical Investigation</i> , 2010, 120, 3127-3136. | 8.2 | 534 |
| 3 | Generation of functional hepatocytes from human embryonic stem cells under chemically defined conditions that recapitulate liver development. <i>Hepatology</i> , 2010, 51, 1754-1765. | 7.3 | 449 |
| 4 | Transplantation of Expanded Fetal Intestinal Progenitors Contributes to Colon Regeneration after Injury. <i>Cell Stem Cell</i> , 2013, 13, 734-744. | 11.1 | 329 |
| 5 | Cholangiocytes derived from human induced pluripotent stem cells for disease modeling and drug validation. <i>Nature Biotechnology</i> , 2015, 33, 845-852. | 17.5 | 318 |
| 6 | Production of hepatocyte-like cells from human pluripotent stem cells. <i>Nature Protocols</i> , 2013, 8, 430-437. | 12.0 | 292 |
| 7 | Early Cell Fate Decisions of Human Embryonic Stem Cells and Mouse Epiblast Stem Cells Are Controlled by the Same Signalling Pathways. <i>PLoS ONE</i> , 2009, 4, e6082. | 2.5 | 232 |
| 8 | Interaction of <i>Salmonella enterica</i> Serovar Typhimurium with Intestinal Organoids Derived from Human Induced Pluripotent Stem Cells. <i>Infection and Immunity</i> , 2015, 83, 2926-2934. | 2.2 | 221 |
| 9 | Reconstruction of the mouse extrahepatic biliary tree using primary human extrahepatic cholangiocyte organoids. <i>Nature Medicine</i> , 2017, 23, 954-963. | 30.7 | 210 |
| 10 | Maturation of Induced Pluripotent Stem Cell Derived Hepatocytes by 3D-Culture. <i>PLoS ONE</i> , 2014, 9, e86372. | 2.5 | 156 |
| 11 | Activin/Nodal Signaling Controls Divergent Transcriptional Networks in Human Embryonic Stem Cells and in Endoderm Progenitors. <i>Stem Cells</i> , 2011, 29, 1176-1185. | 3.2 | 150 |
| 12 | Building consensus on definition and nomenclature of hepatic, pancreatic, and biliary organoids. <i>Cell Stem Cell</i> , 2021, 28, 816-832. | 11.1 | 133 |
| 13 | Activation of the selenoprotein SEPS1 gene expression by pro-inflammatory cytokines in HepG2 cells. <i>Cytokine</i> , 2006, 33, 246-251. | 3.2 | 98 |
| 14 | Directed differentiation of human induced pluripotent stem cells into functional cholangiocyte-like cells. <i>Nature Protocols</i> , 2017, 12, 814-827. | 12.0 | 93 |
| 15 | Generation of Multipotent Foregut Stem Cells from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2013, 1, 293-306. | 4.8 | 77 |
| 16 | Optimized inducible shRNA and CRISPR/Cas9 platforms for <i>in vitro</i> studies of human development using hPSCs. <i>Development (Cambridge)</i> , 2016, 143, 4405-4418. | 2.5 | 75 |
| 17 | Regional Differences in Human Biliary Tissues and Corresponding <i>In Vitro</i> Derived Organoids. <i>Hepatology</i> , 2021, 73, 247-267. | 7.3 | 61 |
| 18 | Intestinal organoids for modelling intestinal development and disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170217. | 4.0 | 59 |

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|----|--|-----|-----------|
| 19 | Inhibition of activin/nodal signalling is necessary for pancreatic differentiation of human pluripotent stem cells. <i>Diabetologia</i> , 2012, 55, 3284-3295. | 6.3 | 55 |
| 20 | hiPSC hepatocyte model demonstrates the role of unfolded protein response and inflammatory networks in α 1-antitrypsin deficiency. <i>Journal of Hepatology</i> , 2018, 69, 851-860. | 3.7 | 48 |
| 21 | Generation of Distal Airway Epithelium from Multipotent Human Foregut Stem Cells. <i>Stem Cells and Development</i> , 2015, 24, 1680-1690. | 2.1 | 31 |
| 22 | BMP-11 and Myostatin Support Undifferentiated Growth of Human Embryonic Stem Cells in Feeder-Free Cultures. <i>Cloning and Stem Cells</i> , 2009, 11, 427-435. | 2.6 | 28 |
| 23 | Dynamics of 5-carboxylcytosine during hepatic differentiation: Potential general role for active demethylation by DNA repair in lineage specification. <i>Epigenetics</i> , 2017, 12, 277-286. | 2.7 | 24 |
| 24 | Adipocyte Differentiation in Human Embryonic Stem Cells Transduced With Oct4 shRNA Lentivirus. <i>Stem Cells and Development</i> , 2009, 18, 653-660. | 2.1 | 17 |
| 25 | Derivation of Intestinal Organoids from Human Induced Pluripotent Stem Cells for Use as an Infection System. <i>Methods in Molecular Biology</i> , 2016, 1576, 157-169. | 0.9 | 11 |
| 26 | Disease modeling using human induced pluripotent stem cells: Lessons from the liver. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 76-89. | 2.4 | 5 |
| 27 | Immunostaining for DNA Modifications: Computational Analysis of Confocal Images. <i>Journal of Visualized Experiments</i> , 2017, , . | 0.3 | 5 |
| 28 | Generation of Hepatocytes from Pluripotent Stem Cells for Drug Screening and Developmental Modeling. <i>Methods in Molecular Biology</i> , 2015, 1250, 123-142. | 0.9 | 4 |
| 29 | P040â€¦Identification and functional characterisation of a rare MTTP variant underlying hereditary non-alcoholic fatty liver disease. , 2021, , . | | 0 |