

Fumihito Hikage

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

183
citations

7
h-index

12
g-index

38
ext. papers

364
ext. citations

4.3
avg, IF

3.91
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 29 | HIF2A-LOX Pathway Promotes Fibrotic Tissue Remodeling in Thyroid-Associated Orbitopathy. <i>Endocrinology</i> , 2019 , 160, 20-35 | 4.8 | 36 |
| 28 | Fibro-Adipogenic Remodeling of the Diaphragm in Obesity-Associated Respiratory Dysfunction. <i>Diabetes</i> , 2019 , 68, 45-56 | 0.9 | 23 |
| 27 | Prostaglandin F ₂ agonist-induced suppression of 3T3-L1 cell adipogenesis affects spatial formation of extra-cellular matrix. <i>Scientific Reports</i> , 2020 , 10, 7958 | 4.9 | 22 |
| 26 | Prostaglandin F ₂ Agonists Negatively Modulate the Size of 3D Organoids from Primary Human Orbital Fibroblasts 2020 , 61, 13 | | 22 |
| 25 | Omidenepag, a non-prostanoid EP2 receptor agonist, induces enlargement of the 3D organoid of 3T3-L1 cells. <i>Scientific Reports</i> , 2020 , 10, 16018 | 4.9 | 14 |
| 24 | ROCK inhibitors beneficially alter the spatial configuration of TGF β -treated 3D organoids from a human trabecular meshwork (HTM). <i>Scientific Reports</i> , 2020 , 10, 20292 | 4.9 | 10 |
| 23 | ROCK inhibitors enhance the production of large lipid-enriched 3D organoids of 3T3-L1 cells. <i>Scientific Reports</i> , 2021 , 11, 5479 | 4.9 | 7 |
| 22 | Prostaglandin F ₂ agonists induced enhancement in collagen1 expression is involved in the pathogenesis of the deepening of upper eyelid sulcus. <i>Scientific Reports</i> , 2021 , 11, 9002 | 4.9 | 5 |
| 21 | NF-B activation in retinal microglia is involved in the inflammatory and neovascularization signaling in laser-induced choroidal neovascularization in mice. <i>Experimental Cell Research</i> , 2021 , 403, 112581 | 4.2 | 5 |
| 20 | Prostaglandin F ₂ and EP2 agonists, and a ROCK inhibitor modulate the formation of 3D organoids of Grave's orbitopathy related human orbital fibroblasts. <i>Experimental Eye Research</i> , 2021 , 205, 108489 | 3.7 | 4 |
| 19 | Rosiglitazone and ROCK Inhibitors Modulate Fibrogenetic Changes in TGF- β Treated Human Conjunctival Fibroblasts (HconF) in Different Manners. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 4 |
| 18 | Establishment of appropriate glaucoma models using dexamethasone or TGF β treated three-dimension (3D) cultured human trabecular meshwork (HTM) cells. <i>Scientific Reports</i> , 2021 , 11, 19369 | 4.9 | 4 |
| 17 | STAT3 Is the Master Regulator for the Forming of 3D Spheroids of 3T3-L1 Preadipocytes.. <i>Cells</i> , 2022 , 11, | 7.9 | 3 |
| 16 | Omidenepag, a Selective, Prostanoid EP2 Agonist, Does Not Suppress Adipogenesis in 3D Organoids of Human Orbital Fibroblasts. <i>Translational Vision Science and Technology</i> , 2021 , 10, 6 | 3.3 | 3 |
| 15 | Simultaneous Use of ROCK Inhibitors and EP2 Agonists Induces Unexpected Effects on Adipogenesis and the Physical Properties of 3T3-L1 Preadipocytes. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 3 |
| 14 | Screening of the Drug-Induced Effects of Prostaglandin EP2 and FP Agonists on 3D Cultures of Dexamethasone-Treated Human Trabecular Meshwork Cells. <i>Biomedicines</i> , 2021 , 9, | 4.8 | 3 |
| 13 | Unique and progressive retinal degeneration in a patient with cancer associated retinopathy. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 20, 100908 | 1.3 | 2 |

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|----|--|-----|---|
| 12 | Diverse effects of pan-ROCK and ROCK2 inhibitors on 2 D and 3D cultured human trabecular meshwork (HTM) cells treated with TGF β . <i>Scientific Reports</i> , 2021 , 11, 15286 | 4.9 | 2 |
| 11 | Addition of EP2 agonists to an FP agonist additively and synergistically modulates adipogenesis and the physical properties of 3D 3T3-L1 spheroids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021 , 171, 102315 | 2.8 | 2 |
| 10 | Hypoxia Differently Affects TGF- β -Induced Epithelial Mesenchymal Transitions in the 2D and 3D Culture of the Human Retinal Pigment Epithelium Cells. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5473 | 6.3 | 2 |
| 9 | Autotaxin May Have Lysophosphatidic Acid-Unrelated Effects on Three-Dimension (3D) Cultured Human Trabecular Meshwork (HTM) Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 1 |
| 8 | Detection of significantly high vitreous concentrations of fatty acid-binding protein 4 in patients with proliferative diabetic retinopathy. <i>Scientific Reports</i> , 2021 , 11, 12382 | 4.9 | 1 |
| 7 | Fatty acid-binding protein 4 is an independent factor in the pathogenesis of retinal vein occlusion. <i>PLoS ONE</i> , 2021 , 16, e0245763 | 3.7 | 1 |
| 6 | ROCK 1 and 2 affect the spatial architecture of 3D spheroids derived from human corneal stromal fibroblasts in different manners.. <i>Scientific Reports</i> , 2022 , 12, 7419 | 4.9 | 1 |
| 5 | Modulation of the Physical Properties of 3D Spheroids Derived from Human Scleral Stroma Fibroblasts (HSSFs) with Different Axial Lengths Obtained from Surgical Patients. <i>Current Issues in Molecular Biology</i> , 2021 , 43, 1715-1725 | 2.9 | 0 |
| 4 | ROCK inhibitors modulate the physical properties and adipogenesis of 3D spheroids of human orbital fibroblasts in different manners. <i>FASEB BioAdvances</i> , 2021 , 3, 866-872 | 2.8 | 0 |
| 3 | Addition of ROCK inhibitors to prostaglandin derivative (PG) synergistically affects adipogenesis of the 3D spheroids of human orbital fibroblasts (HOFs). <i>Human Cell</i> , 2021 , 1 | 4.5 | 0 |
| 2 | Vascular compressive optic neuropathy caused by hypertensive intracranial ophthalmic artery. <i>Japanese Journal of Ophthalmology</i> , 2010 , 54, 511-4 | 2.6 | |
| 1 | The EP2 agonist, omidenepag, alters the physical stiffness of 3D spheroids prepared from human corneal stroma fibroblasts differently depending on the osmotic pressure.. <i>FASEB Journal</i> , 2022 , 36, e22067 | 0.9 | |