

# Mika Reinisalo

## List of Publications by Year in descending order

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28  
papers

1,337  
citations

567281

15  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ocular metabolism and distribution of drugs in the rabbit eye: Quantitative assessment after intracameral and intravitreal administrations. <i>International Journal of Pharmaceutics</i> , 2022, 613, 121361.	5.2	14
2	Hydroquinone predisposes for retinal pigment epithelial (RPE) cell degeneration in inflammatory conditions. <i>Immunologic Research</i> , 2022, 70, 678-687.	2.9	2
3	Mechanisms of cellular retention of melanin bound drugs: Experiments and computational modeling. <i>Journal of Controlled Release</i> , 2022, 348, 760-770.	9.9	7
4	Biopharmaceutics of Topical Ophthalmic Suspensions: Importance of Viscosity and Particle Size in Ocular Absorption of Indomethacin. <i>Pharmaceutics</i> , 2021, 13, 452.	4.5	30
5	Ocular pharmacokinetics of atenolol, timolol and betaxolol cocktail: Tissue exposures in the rabbit eye. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 166, 155-162.	4.3	16
6	Ocular Intracameral Pharmacokinetics for a Cocktail of Timolol, Betaxolol, and Atenolol in Rabbits. <i>Molecular Pharmaceutics</i> , 2020, 17, 588-594.	4.6	7
7	Microscale Thermophoresis as a Screening Tool to Predict Melanin Binding of Drugs. <i>Pharmaceutics</i> , 2020, 12, 554.	4.5	17
8	Retinal Pigment Epithelial Cell Line with Fast Differentiation and Improved Barrier Properties. <i>Pharmaceutics</i> , 2019, 11, 412.	4.5	11
9	Characterization of artificially re-pigmented ARPE-19 retinal pigment epithelial cell model. <i>Scientific Reports</i> , 2019, 9, 13761.	3.3	26
10	Nucleic acid delivery to differentiated retinal pigment epithelial cells using cell-penetrating peptide as a carrier. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 140, 91-99.	4.3	11
11	The Basis for Strain-Dependent Rat Aldehyde Dehydrogenase 1A7 ( <i>ALDH1A7</i> ) Gene Expression. <i>Molecular Pharmacology</i> , 2019, 96, 655-663.	2.3	1
12	Quantitative Protein Expression in the Human Retinal Pigment Epithelium: Comparison Between Apical and Basolateral Plasma Membranes With Emphasis on Transporters. , 2019, 60, 5022.		18
13	Loss of NRF-2 and PGC-1 $\beta$ genes leads to retinal pigment epithelium damage resembling dry age-related macular degeneration. <i>Redox Biology</i> , 2019, 20, 1-12.	9.0	117
14	Implications of melanin binding in ocular drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2018, 126, 23-43.	13.7	80
15	LC-MS/MS Based Quantitation of ABC and SLC Transporter Proteins in Plasma Membranes of Cultured Primary Human Retinal Pigment Epithelium Cells and Immortalized ARPE19 Cell Line. <i>Molecular Pharmaceutics</i> , 2017, 14, 605-613.	4.6	45
16	Pharmacokinetic aspects of retinal drug delivery. <i>Progress in Retinal and Eye Research</i> , 2017, 57, 134-185.	15.5	454
17	Melanin binding study of clinical drugs with cassette dosing and rapid equilibrium dialysis inserts. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 162-168.	4.0	30
18	Autophagy Regulates Proteasome Inhibitor-Induced Pigmentation in Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1089.	4.1	10

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19	Isolation of Intact and Functional Melanosomes from the Retinal Pigment Epithelium. PLoS ONE, 2016, 11, e0160352.	2.5	17
20	Nutraceutical with Resveratrol and Omega-3 Fatty Acids Induces Autophagy in ARPE-19 Cells. Nutrients, 2016, 8, 284.	4.1	31
21	Acute cytotoxic effects of marketed ophthalmic formulations on human corneal epithelial cells. International Journal of Pharmaceutics, 2016, 511, 73-78.	5.2	14
22	Polyphenol Stilbenes: Molecular Mechanisms of Defence against Oxidative Stress and Aging-Related Diseases. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-24.	4.0	179
23	Pinosylvin-mediated protection against oxidative stress in human retinal pigment epithelial cells. Molecular Vision, 2014, 20, 760-9.	1.1	43
24	Regulation of the human tyrosinase gene in retinal pigment epithelium cells: the significance of transcription factor orthodenticle homeobox 2 and its polymorphic binding site. Molecular Vision, 2012, 18, 38-54.	1.1	30
25	Filter-cultured ARPE-19 cells as outer bloodâ€“retinal barrier model. European Journal of Pharmaceutical Sciences, 2010, 40, 289-296.	4.0	59
26	Freeze-drying of cationic polymer DNA complexes enables their long-term storage and reverse transfection of post-mitotic cells. Journal of Controlled Release, 2006, 110, 437-443.	9.9	24
27	Retina-specific gene expression and improved DNA transfection in WERI-Rb1 retinoblastoma cells. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2003, 1628, 169-176.	2.4	7
28	Dual action of oestrogens on the mouse constitutive androstane receptor. Biochemical Journal, 2003, 376, 465-472.	3.7	37