

# Mika Reinisalo

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,337  
citations

567144

15  
h-index

526166

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacokinetic aspects of retinal drug delivery. <i>Progress in Retinal and Eye Research</i> , 2017, 57, 134-185.	7.3	454
2	Polyphenol Stilbenes: Molecular Mechanisms of Defence against Oxidative Stress and Aging-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-24.	1.9	179
3	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.	3.9	117
4	Implications of melanin binding in ocular drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2018, 126, 23-43.	6.6	80
5	Filter-cultured ARPE-19 cells as outer blood-retinal barrier model. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 40, 289-296.	1.9	59
6	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.	2.3	45
7	Pinosylvin-mediated protection against oxidative stress in human retinal pigment epithelial cells. <i>Molecular Vision</i> , 2014, 20, 760-9.	1.1	43
8	Dual action of oestrogens on the mouse constitutive androstane receptor. <i>Biochemical Journal</i> , 2003, 376, 465-472.	1.7	37
9	Nutraceutical with Resveratrol and Omega-3 Fatty Acids Induces Autophagy in ARPE-19 Cells. <i>Nutrients</i> , 2016, 8, 284.	1.7	31
10	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.	1.9	30
11	Biopharmaceutics of Topical Ophthalmic Suspensions: Importance of Viscosity and Particle Size in Ocular Absorption of Indomethacin. <i>Pharmaceutics</i> , 2021, 13, 452.	2.0	30
12	Regulation of the human tyrosinase gene in retinal pigment epithelium cells: the significance of transcription factor orthodenticle homeobox 2 and its polymorphic binding site. <i>Molecular Vision</i> , 2012, 18, 38-54.	1.1	30
13	Characterization of artificially re-pigmented ARPE-19 retinal pigment epithelial cell model. <i>Scientific Reports</i> , 2019, 9, 13761.	1.6	26
14	Freeze-drying of cationic polymer DNA complexes enables their long-term storage and reverse transfection of post-mitotic cells. <i>Journal of Controlled Release</i> , 2006, 110, 437-443.	4.8	24
15	Quantitative Protein Expression in the Human Retinal Pigment Epithelium: Comparison Between Apical and Basolateral Plasma Membranes With Emphasis on Transporters. , 2019, 60, 5022.		18
16	Isolation of Intact and Functional Melanosomes from the Retinal Pigment Epithelium. <i>PLoS ONE</i> , 2016, 11, e0160352.	1.1	17
17	Microscale Thermophoresis as a Screening Tool to Predict Melanin Binding of Drugs. <i>Pharmaceutics</i> , 2020, 12, 554.	2.0	17
18	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.	2.0	16

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19	Acute cytotoxic effects of marketed ophthalmic formulations on human corneal epithelial cells. <i>International Journal of Pharmaceutics</i> , 2016, 511, 73-78.	2.6	14
20	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.	2.6	14
21	Retinal Pigment Epithelial Cell Line with Fast Differentiation and Improved Barrier Properties. <i>Pharmaceutics</i> , 2019, 11, 412.	2.0	11
22	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.	2.0	11
23	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.	1.8	10
24	Retina-specific gene expression and improved DNA transfection in WERI-Rb1 retinoblastoma cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2003, 1628, 169-176.	2.4	7
25	Ocular Intracameral Pharmacokinetics for a Cocktail of Timolol, Betaxolol, and Atenolol in Rabbits. <i>Molecular Pharmaceutics</i> , 2020, 17, 588-594.	2.3	7
26	Mechanisms of cellular retention of melanin bound drugs: Experiments and computational modeling. <i>Journal of Controlled Release</i> , 2022, 348, 760-770.	4.8	7
27	Hydroquinone predisposes for retinal pigment epithelial (RPE) cell degeneration in inflammatory conditions. <i>Immunologic Research</i> , 2022, 70, 678-687.	1.3	2
28	The Basis for Strain-Dependent Rat Aldehyde Dehydrogenase 1A7 ( <i>ALDH1A7</i> ) Gene Expression. <i>Molecular Pharmacology</i> , 2019, 96, 655-663.	1.0	1