Taras Ardan

List of Publications by Year
in descending order

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33	727	623574	526166
papers	citations	14 h-index	27 g-index

33	33	33	1007
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early disruption of photoreceptor cell architecture and loss of vision in a humanized pig model of usher syndromes. EMBO Molecular Medicine, 2022, 14, e14817.	3.3	14
2	Subretinal Implantation of Human Primary RPE Cells Cultured on Nanofibrous Membranes in Minipigs. Biomedicines, 2022, 10, 669.	1.4	6
3	Advancement in Nanostructure-Based Tissue-Engineered Biomaterials for Retinal Degenerative Diseases. Biomedicines, 2021, 9, 1005.	1.4	7
4	Advantages of nanofibrous membranes for culturing of primary RPE cells compared to commercial scaffolds. Acta Ophthalmologica, 2021, , .	0.6	0
5	Transgenic minipig model of Huntington's disease exhibiting gradually progressing neurodegeneration. DMM Disease Models and Mechanisms, 2019, 13, .	1.2	16
6	The identification of small molecules that stimulate retinal pigment epithelial cells: potential novel therapeutic options for treating retinopathies. Expert Opinion on Drug Discovery, 2019, 14, 169-177.	2.5	5
7	Innovative Strategies for Treating Retinal Diseases. Ceska A Slovenska Oftalmologie, 2019, 75, 287-295.	0.1	1
8	Gradual Phenotype Development in Huntington Disease Transgenic Minipig Model at 24 Months of Age. Neurodegenerative Diseases, 2018, 18, 107-119.	0.8	17
9	Reduced Levels of Tissue Inhibitors of Metalloproteinases in <scp>UVB</scp>â€irradiated Corneal Epithelium. Photochemistry and Photobiology, 2016, 92, 720-727.	1.3	8
10	C9â€...Different forms of huntingtin in various tissues of transgenic minipig model increase with age. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A29.3-A30.	0.9	0
11	A frame-supported ultrathin electrospun polymer membrane for transplantation of retinal pigment epithelial cells. Biomedical Materials (Bristol), 2015, 10, 045022.	1.7	20
12	Immunohistochemical expression of matrix metalloproteinases in the rabbit corneal epithelium upon UVA and UVB irradiation. Acta Histochemica, 2012, 114, 540-546.	0.9	14
13	Hydration and Transparency of the Rabbit Cornea Irradiated with UVB-Doses of 0.25 J/cm²and 0.5 J/cm²Compared with Equivalent UVB Radiation Exposure Reaching the Human Cornea from Sunlight. Current Eye Research, 2011, 36, 607-613.	0.7	14
14	Favorable effects of trehalose on the development of UVB-mediated antioxidant/pro-oxidant imbalance in the corneal epithelium, proinflammatory cytokine and matrix metalloproteinase induction, and heat shock protein 70 expression. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1185-1194.	1.0	37
15	Changes in expression of matrix metalloproteinases 12 and 19 in corneal epithelial cells after UV irradiation. Acta Ophthalmologica, 2011, 89, 0-0.	0.6	0
16	The influence of various toxic effects on the cornea and changes in corneal light transmission. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 1749-1756.	1.0	7
17	The Effect of Actinoquinol with Hyaluronic Acid in Eye Drops on the Optical Properties and Oxidative Damage of the Rabbit Cornea Irradiated with UVB Rays. Photochemistry and Photobiology, 2010, 86, 1294-1306.	1.3	11
18	Reduced UVB-induced corneal damage caused by reactive oxygen and nitrogen species and decreased changes in corneal optics after trehalose treatment. Histology and Histopathology, 2010, 25, 1403-16.	0.5	24

#	Article	IF	Citations
19	Changes of Corneal Optical Properties after UVB Irradiation Investigated Spectrophotometrically. Physiological Research, 2010, 59, 591-597.	0.4	13
20	Expression of tissue inhibitors of matrix metalloproteinases 1 and 2 in corneal epithelium after UV irradiation. Acta Ophthalmologica, 2010, 88, 0-0.	0.6	0
21	Effect of Two Different UVA Doses on the Rabbit Cornea and Lens. Photochemistry and Photobiology, 2009, 85, 794-800.	1.3	9
22	Changes in expression of matrix metalloproteinases 1 and 8 in corneal epithelial cells after UV irradiation. Acta Ophthalmologica, 2009, 87, 0-0.	0.6	0
23	Ocular surface injuries in autoimmune dry eye. The severity of microscopical disturbances goes parallel with the severity of symptoms of dryness. Histology and Histopathology, 2009, 24, 1357-65.	0.5	10
24	Nitric oxide synthase induction and cytotoxic nitrogen-related oxidant formation in conjunctival epithelium of dry eye (SjÃ¶grenâ€˜s syndrome). Nitric Oxide - Biology and Chemistry, 2007, 17, 10-17.	1.2	36
25	The role of conjunctival epithelial cell xanthine oxidoreductase/xanthine oxidase in oxidative reactions on the ocular surface of dry eye patients with SjÃ¶gren's syndrome. Histology and Histopathology, 2007, 22, 997-1003.	0.5	18
26	Differences in activities of antioxidant superoxide dismutase, glutathione peroxidase and prooxidant xanthine oxidoreductase/xanthine oxidase in the normal corneal epithelium of various mammals. Physiological Research, 2007, 56, 105-112.	0.4	17
27	Irradiation of the rabbit cornea with UVB rays stimulates the expression of nitric oxide synthases-generated nitric oxide and the formation of cytotoxic nitrogen-related oxidants. Histology and Histopathology, 2005, 20, 467-73.	0.5	29
28	Comparative histochemical and immunohistochemical study on xanthine oxidoreductase/xanthine oxidase in mammalian corneal epithelium. Acta Histochemica, 2004, 106, 69-75.	0.9	56
29	UV Rays, the prooxidant/antioxidant imbalance in the cornea and oxidative eye damage. Physiological Research, 2004, 53, 1-10.	0.4	190
30	Xanthine oxidoreductase and xanthine oxidase in human cornea. Histology and Histopathology, 2002, 17, 755-60.	0.5	16
31	Reactive oxygen species (ROS)-generating oxidases in the normal rabbit cornea and their involvement in the corneal damage evoked by UVB rays. Histology and Histopathology, 2001, 16, 523-33.	0.5	50
32	Changes of superoxide dismutase, catalase and glutathione peroxidase in the corneal epithelium after UVB rays. Histochemical and biochemical study. Histology and Histopathology, 2000, 15, 1043-50.	0.5	82
33	The effect of UVA and UVB irradiation of the rabbit cornea on matrix metalloproteinase 2 and 9 expression in the corneal epithelium. Acta Ophthalmologica, 0, 86, 0-0.	0.6	0