

# Taras Ardan

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

727  
citations

623574

14  
h-index

526166

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1007  
citing authors

#	ARTICLE	IF	CITATIONS
1	UV Rays, the prooxidant/antioxidant imbalance in the cornea and oxidative eye damage. <i>Physiological Research</i> , 2004, 53, 1-10.	0.4	190
2	Changes of superoxide dismutase, catalase and glutathione peroxidase in the corneal epithelium after UVB rays. <i>Histochemical and biochemical study. Histology and Histopathology</i> , 2000, 15, 1043-50.	0.5	82
3	Comparative histochemical and immunohistochemical study on xanthine oxidoreductase/xanthine oxidase in mammalian corneal epithelium. <i>Acta Histochemica</i> , 2004, 106, 69-75.	0.9	56
4	Reactive oxygen species (ROS)-generating oxidases in the normal rabbit cornea and their involvement in the corneal damage evoked by UVB rays. <i>Histology and Histopathology</i> , 2001, 16, 523-33.	0.5	50
5	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. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1185-1194.	1.0	37
6	Nitric oxide synthase induction and cytotoxic nitrogen-related oxidant formation in conjunctival epithelium of dry eye (Sjögren's syndrome). <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 17, 10-17.	1.2	36
7	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. <i>Histology and Histopathology</i> , 2005, 20, 467-73.	0.5	29
8	Reduced UVB-induced corneal damage caused by reactive oxygen and nitrogen species and decreased changes in corneal optics after trehalose treatment. <i>Histology and Histopathology</i> , 2010, 25, 1403-16.	0.5	24
9	A frame-supported ultrathin electrospun polymer membrane for transplantation of retinal pigment epithelial cells. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 045022.	1.7	20
10	The role of conjunctival epithelial cell xanthine oxidoreductase/xanthine oxidase in oxidative reactions on the ocular surface of dry eye patients with Sjögren's syndrome. <i>Histology and Histopathology</i> , 2007, 22, 997-1003.	0.5	18
11	Gradual Phenotype Development in Huntington Disease Transgenic Minipig Model at 24 Months of Age. <i>Neurodegenerative Diseases</i> , 2018, 18, 107-119.	0.8	17
12	Differences in activities of antioxidant superoxide dismutase, glutathione peroxidase and prooxidant xanthine oxidoreductase/xanthine oxidase in the normal corneal epithelium of various mammals. <i>Physiological Research</i> , 2007, 56, 105-112.	0.4	17
13	Transgenic minipig model of Huntington's disease exhibiting gradually progressing neurodegeneration. <i>DMM Disease Models and Mechanisms</i> , 2019, 13, .	1.2	16
14	Xanthine oxidoreductase and xanthine oxidase in human cornea. <i>Histology and Histopathology</i> , 2002, 17, 755-60.	0.5	16
15	Hydration and Transparency of the Rabbit Cornea Irradiated with UVB-Doses of 0.25 J/cm <sup>2</sup> and 0.5 J/cm <sup>2</sup> Compared with Equivalent UVB Radiation Exposure Reaching the Human Cornea from Sunlight. <i>Current Eye Research</i> , 2011, 36, 607-613.	0.7	14
16	Immunohistochemical expression of matrix metalloproteinases in the rabbit corneal epithelium upon UVA and UVB irradiation. <i>Acta Histochemica</i> , 2012, 114, 540-546.	0.9	14
17	Early disruption of photoreceptor cell architecture and loss of vision in a humanized pig model of usher syndromes. <i>EMBO Molecular Medicine</i> , 2022, 14, e14817.	3.3	14
18	Changes of Corneal Optical Properties after UVB Irradiation Investigated Spectrophotometrically. <i>Physiological Research</i> , 2010, 59, 591-597.	0.4	13

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19	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. <i>Photochemistry and Photobiology</i> , 2010, 86, 1294-1306.	1.3	11
20	Ocular surface injuries in autoimmune dry eye. The severity of microscopical disturbances goes parallel with the severity of symptoms of dryness. <i>Histology and Histopathology</i> , 2009, 24, 1357-65.	0.5	10
21	Effect of Two Different UVA Doses on the Rabbit Cornea and Lens. <i>Photochemistry and Photobiology</i> , 2009, 85, 794-800.	1.3	9
22	Reduced Levels of Tissue Inhibitors of Metalloproteinases in <sc>UVB</sc>â€Irradiated Corneal Epithelium. <i>Photochemistry and Photobiology</i> , 2016, 92, 720-727.	1.3	8
23	The influence of various toxic effects on the cornea and changes in corneal light transmission. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 1749-1756.	1.0	7
24	Advancement in Nanostructure-Based Tissue-Engineered Biomaterials for Retinal Degenerative Diseases. <i>Biomedicines</i> , 2021, 9, 1005.	1.4	7
25	Subretinal Implantation of Human Primary RPE Cells Cultured on Nanofibrous Membranes in Minipigs. <i>Biomedicines</i> , 2022, 10, 669.	1.4	6
26	The identification of small molecules that stimulate retinal pigment epithelial cells: potential novel therapeutic options for treating retinopathies. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 169-177.	2.5	5
27	Innovative Strategies for Treating Retinal Diseases. <i>Ceska A Slovenska Oftalmologie</i> , 2019, 75, 287-295.	0.1	1
28	C9â€...Different forms of huntingtin in various tissues of transgenic minipig model increase with age. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A29.3-A30.	0.9	0
29	Advantages of nanofibrous membranes for culturing of primary RPE cells compared to commercial scaffolds. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	0
30	The effect of UVA and UVB irradiation of the rabbit cornea on matrix metalloproteinase 2 and 9 expression in the corneal epithelium. <i>Acta Ophthalmologica</i> , 0, 86, 0-0.	0.6	0
31	Changes in expression of matrix metalloproteinases 1 and 8 in corneal epithelial cells after UV irradiation. <i>Acta Ophthalmologica</i> , 2009, 87, 0-0.	0.6	0
32	Expression of tissue inhibitors of matrix metalloproteinases 1 and 2 in corneal epithelium after UV irradiation. <i>Acta Ophthalmologica</i> , 2010, 88, 0-0.	0.6	0
33	Changes in expression of matrix metalloproteinases 12 and 19 in corneal epithelial cells after UV irradiation. <i>Acta Ophthalmologica</i> , 2011, 89, 0-0.	0.6	0