

# Stefan Långren

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

732  
citations

687220

13  
h-index

677027

22  
g-index

39  
all docs

39  
docs citations

39  
times ranked

766  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial thioltransferase (glutaredoxin 2) has GSH-dependent and thioredoxin reductase-dependent peroxidase activities in vitro and in lens epithelial cells. <i>FASEB Journal</i> , 2006, 20, 2645-2647.	0.2	59
2	Solar ultraviolet radiation cataract. <i>Experimental Eye Research</i> , 2017, 156, 112-116.	1.2	54
3	Metabolic Changes in Rat Lens after In Vivo Exposure to Ultraviolet Irradiation: Measurements by High Resolution MAS1H NMR Spectroscopy. , 2004, 45, 1916.		53
4	Ultraviolet Radiation-Induced Cataract in Mice: The Effect of Age and the Potential Biochemical Mechanism. , 2012, 53, 7276.		50
5	Effect of Thioltransferase (Glutaredoxin) Deletion on Cellular Sensitivity to Oxidative Stress and Cell Proliferation in Lens Epithelial Cells of Thioltransferase Knockout Mouse. , 2008, 49, 4497.		43
6	Children with blindness – major causes, developmental outcomes and implications for habilitation and educational support: a two-decade, Swedish population-based study. <i>Acta Ophthalmologica</i> , 2018, 96, 295-300.	0.6	42
7	Ultraviolet Radiation-Induced Cataract: Age and Maximum Acceptable Dose. , 2003, 44, 1150.		36
8	Caffeine eye drops protect against UV-B cataract. <i>Experimental Eye Research</i> , 2013, 113, 26-31.	1.2	36
9	Evolution of damage in the lens after in vivo close to threshold exposure to UV-B radiation: Cytomorphological study of apoptosis. <i>Experimental Eye Research</i> , 2010, 91, 369-377.	1.2	34
10	Absence of glutaredoxin1 increases lens susceptibility to oxidative stress induced by UVR-B. <i>Experimental Eye Research</i> , 2009, 89, 833-839.	1.2	24
11	Low molecular weight protein tyrosine phosphatase (LMW-PTP) and its possible physiological functions of redox signaling in the eye lens. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 545-555.	1.1	22
12	Time dependency of metabolic changes in rat lens after in vivo UVB irradiation analysed by HR-MAS 1H NMR spectroscopy. <i>Experimental Eye Research</i> , 2005, 81, 407-414.	1.2	21
13	Bilateral cataract induced by unilateral UVR exposure – evidence for an inflammatory response. <i>Acta Ophthalmologica</i> , 2013, 91, 236-242.	0.6	21
14	Biological Response in Various Compartments of the Rat Lens after In Vivo Exposure to UVR-B Analyzed by HR-MAS1H NMR Spectroscopy. , 2006, 47, 5404.		20
15	Ultraviolet radiation-B-induced cataract in albino rats: maximum tolerable dose and ascorbate consumption. <i>Acta Ophthalmologica</i> , 2006, 84, 390-395.	0.4	17
16	The new Swedish report on Shaken Baby Syndrome is misleading. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 1040-1040.	0.7	16
17	Impact of Age and Sex in Ultraviolet Radiation Cataract in the Rat. , 2003, 44, 1629.		14
18	Maximum tolerable dose for avoidance of cataract after repeated exposure to ultraviolet radiation in rats. <i>Experimental Eye Research</i> , 2007, 84, 200-208.	1.2	13

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19	Drinking water supplementation with ascorbate is not protective against UVR-induced cataract in the guinea pig. <i>Acta Ophthalmologica</i> , 2008, 86, 188-195.	0.6	13
20	Dose-response relationship for $\alpha$ -tocopherol prevention of ultraviolet radiation induced cataract in rat. <i>Experimental Eye Research</i> , 2011, 93, 91-97.	1.2	13
21	Apoptosis in Rat Cornea After In Vivo Exposure to Ultraviolet Radiation at 300 nm. <i>Cornea</i> , 2015, 34, 945-949.	0.9	13
22	Ascorbate in the Rat Lens: Dependence on Dietary Intake. <i>Ophthalmic Research</i> , 2005, 37, 142-149.	1.0	12
23	Maximum tolerable dose for avoidance of cataract induced by ultraviolet radiation-B for 18 to 60 week old rats. <i>Experimental Eye Research</i> , 2005, 80, 561-566.	1.2	10
24	Cataract after Repeated Daily in Vivo Exposure to Ultraviolet Radiation. <i>Health Physics</i> , 2014, 107, 523-529.	0.3	10
25	Pharmacokinetics for topically applied caffeine in the rat. <i>Experimental Eye Research</i> , 2014, 122, 94-101.	1.2	10
26	The Effect of Exposure Time on Maximum Acceptable Dose for Avoidance of Ultraviolet Radiation-Induced Cataract. <i>Ophthalmic Research</i> , 2005, 37, 197-201.	1.0	9
27	Interaction of anaesthetic drugs and UV irradiation in the anterior segment of the rat eye. <i>Acta Ophthalmologica</i> , 2007, 85, 745-752.	0.4	9
28	Ascorbate in the guinea pig lens: dependence on drinking water supplementation. <i>Acta Ophthalmologica</i> , 2005, 83, 228-233.	0.4	8
29	Evolution of light scattering and redox balance in the rat lens after <i>in vivo</i> exposure to close to threshold dose ultraviolet radiation. <i>Acta Ophthalmologica</i> , 2010, 88, 779-785.	0.6	8
30	Iris suture fixation of out-of-the-bag dislocated three-piece intraocular lenses. <i>Acta Ophthalmologica</i> , 2019, 97, 583-588.	0.6	8
31	A new universal rat restrainer for ophthalmic research. <i>Acta Ophthalmologica</i> , 2011, 89, e67-e71.	0.6	7
32	Lenses from Brown Norway pigmented rats are more tolerant to <i>in vitro</i> ultraviolet irradiation than lenses from Fischer 344 albino rats. <i>Acta Ophthalmologica</i> , 2012, 90, 179-183.	0.6	7
33	Impact of iris pigment and pupil size in ultraviolet radiation cataract in rat. <i>Acta Ophthalmologica</i> , 2012, 90, 44-48.	0.6	6
34	Rat lens glycolysis after in vivo exposure to narrow band UV or blue light radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995, 30, 145-151.	1.7	5
35	High lenticular tolerance to ultraviolet radiation by pigmented guinea pig; application of a safety limit strategy for UVR-induced cataract. <i>Acta Ophthalmologica</i> , 2012, 90, 226-230.	0.6	4
36	Lens opacities after repeated exposure to ultraviolet radiation. <i>Acta Ophthalmologica</i> , 1999, 77, 690-693.	0.4	3

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37	Histochemical determination of lactate dehydrogenase activity in rat lens; influence of different parameters. <i>Acta Ophthalmologica</i> , 1998, 76, 555-560.	0.4	1
38	Macular protection with IOLs. , 2004, , .		1
39	<title>Maximum tolerable dose (MTD): a new index for ultraviolet radiation toxicity in the lens</title>. , 2001, , .		0