Karl Schulmeister

List of Publications by Year
in descending order

16	580	933447 10	940533 16
papers	citations	h-index	g-index

16	16	16	606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Short- and Long-Wave UV Light (UVB and UVA) Induce Similar Mutations in Human Skin Cells. Journal of Investigative Dermatology, 2006, 126, 667-675.	0.7	166
2	WHAT IS THE MEANING OF THRESHOLD IN LASER INJURY EXPERIMENTS? IMPLICATIONS FOR HUMAN EXPOSURE LIMITS. Health Physics, 2002, 82, 335-347.	0.5	120
3	Medium-dose is more effective than low-dose ultraviolet A1 phototherapy for localized scleroderma as shown by 20-MHz ultrasound assessment. Journal of the American Academy of Dermatology, 2009, 60, 786-791.	1.2	77
4	REVIEW OF THRESHOLDS AND RECOMMENDATIONS FOR REVISED EXPOSURE LIMITS FOR LASER AND OPTICAL RADIATION FOR THERMALLY INDUCED RETINAL INJURY. Health Physics, 2011, 100, 210-220.	0.5	46
5	Excimer laser etching of transparent conducting oxides. Applied Physics Letters, 1991, 59, 647-649.	3.3	45
6	The risk of retinal injury from Class 2 and visible Class 3R lasers, including medical laser aiming beams. Medical Laser Application: International Journal for Laser Treatment and Research, 2010, 25, 99-110.	0.3	27
7	Light at Night and Cancer RiskÂ¶. Photochemistry and Photobiology, 2004, 79, 316.	2.5	21
8	Outdoor Workersâ€™ Acceptance of Personal Protective Measures Against Solar Ultraviolet Radiation. Photochemistry and Photobiology, 2007, 83, 1471-1480.	2.5	20
9	Review of exposure limits and experimental data for corneal and lenticular damage from short pulsed UV and IR laser radiation. Journal of Laser Applications, 2008, 20, 98-105.	1.7	13
10	Validation of a computer model to predict laser induced retinal injury thresholds. Journal of Laser Applications, 2017, 29, .	1.7	11
11	Ocular temperature elevation induced by thresholdin vivoexposure to 1090-nm infrared radiation and associated heat diffusion. Journal of Biomedical Optics, 2014, 19, 105008.	2.6	10
12	Present and alternative dosimetry concept for laser exposure limits. Medical Laser Application: International Journal for Laser Treatment and Research, 2010, 25, 111-117.	0.3	9
13	Laser-induced corneal injury: validation of a computer model to predict thresholds. Biomedical Optics Express, 2021, 12, 336.	2.9	6
14	Laser-induced injury of the skin: validation of a computer model to predict thresholds. Biomedical Optics Express, 2021, 12, 2586.	2.9	4
15	Parameters influencing the accuracy and practical applicability of UV indicator cards. Photochemical and Photobiological Sciences, 2006, 5, 707.	2.9	3
16	Validation of a generalized laser safety analysis method for irregular pulse trains. Journal of Laser Applications, 2020, 32, 032027.	1.7	2