

Karl Schulmeister

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7764172/publications.pdf>

Version: 2024-02-01

16
papers

580
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-induced injury of the skin: validation of a computer model to predict thresholds. Biomedical Optics Express, 2021, 12, 2586.	2.9	4
2	Laser-induced corneal injury: validation of a computer model to predict thresholds. Biomedical Optics Express, 2021, 12, 336.	2.9	6
3	Validation of a generalized laser safety analysis method for irregular pulse trains. Journal of Laser Applications, 2020, 32, 032027.	1.7	2
4	Validation of a computer model to predict laser induced retinal injury thresholds. Journal of Laser Applications, 2017, 29, .	1.7	11
5	Ocular temperature elevation induced by threshold <i>in vivo</i> exposure to 1090-nm infrared radiation and associated heat diffusion. Journal of Biomedical Optics, 2014, 19, 105008.	2.6	10
6	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
7	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
8	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
9	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
10	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
11	Outdoor Workersâ€™ Acceptance of Personal Protective Measures Against Solar Ultraviolet Radiation. Photochemistry and Photobiology, 2007, 83, 1471-1480.	2.5	20
12	Parameters influencing the accuracy and practical applicability of UV indicator cards. Photochemical and Photobiological Sciences, 2006, 5, 707.	2.9	3
13	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
14	Light at Night and Cancer Risk. Photochemistry and Photobiology, 2004, 79, 316.	2.5	21
15	WHAT IS THE MEANING OF THRESHOLD IN LASER INJURY EXPERIMENTS? IMPLICATIONS FOR HUMAN EXPOSURE LIMITS. Health Physics, 2002, 82, 335-347.	0.5	120
16	Excimer laser etching of transparent conducting oxides. Applied Physics Letters, 1991, 59, 647-649.	3.3	45