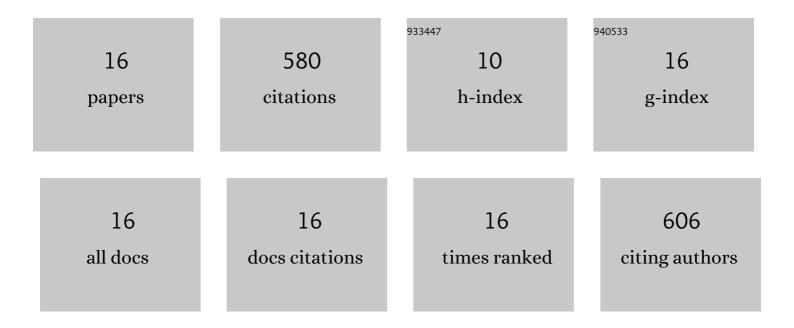
Karl Schulmeister

List of Publications by Year in descending order

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| # | 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 Workers' 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 |