

Katarina Svanberg

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,103
citations

331670

21
h-index

434195

31
g-index

48
all docs

48
docs citations

48
times ranked

809
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Photodynamic therapy utilising topical 5-aminolevulinic acid in non-melanoma skin malignancies of the eyelid and the periocular skin. <i>Acta Ophthalmologica</i> , 1999, 77, 182-188. | 0.3 | 72 |
| 2 | Clinical fluorescence diagnosis of human bladder carcinoma following low dose photofrin injection. <i>Urology</i> , 1993, 41, 322-330. | 1.0 | 71 |
| 3 | Preliminary evaluation of two fluorescence imaging methods for the detection and the delineation of basal cell carcinomas of the skin. , 2000, 26, 76-82. | | 67 |
| 4 | Kinetic fluorescence studies of 5-aminolaevulinic acid-induced protoporphyrin IX accumulation in basal cell carcinomas. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 49, 120-128. | 3.8 | 66 |
| 5 | Pharmacokinetic studies on 5-aminolevulinic acid-induced protoporphyrin IX accumulation in tumours and normal tissues. <i>Cancer Letters</i> , 1997, 112, 225-231. | 7.2 | 62 |
| 6 | The bat-bird-bug battle: daily flight activity of insects and their predators over a rice field revealed by high-resolution Scheimpflug Lidar. <i>Royal Society Open Science</i> , 2018, 5, 172303. | 2.4 | 46 |
| 7 | Tumor Selectivity at Short Times Following Systemic Administration of a Liposomal Temoporfin Formulation in a Murine Tumor Model. <i>Photochemistry and Photobiology</i> , 2007, 83, 1211-1219. | 2.5 | 43 |
| 8 | Photodynamic therapy: superficial and interstitial illumination. <i>Journal of Biomedical Optics</i> , 2010, 15, 041502. | 2.6 | 41 |
| 9 | Multivariate analysis of laryngeal fluorescence spectra recorded in vivo. <i>Lasers in Surgery and Medicine</i> , 2001, 28, 259-266. | 2.1 | 39 |
| 10 | LASER-INDUCED FLUORESCENCE IN MALIGNANT and NORMAL TISSUE OF RATS INJECTED WITH BENZOPORPHYRIN DERIVATIVE. <i>Photochemistry and Photobiology</i> , 1993, 57, 978-983. | 2.5 | 36 |
| 11 | Clinical system for non-invasive in situ monitoring of gases in the human paranasal sinuses. <i>Optics Express</i> , 2009, 17, 10849. | 3.4 | 36 |
| 12 | Tumour vessel damage resulting from laser-induced hyperthermia alone and in combination with photodynamic therapy. <i>Cancer Letters</i> , 1997, 111, 157-165. | 7.2 | 33 |
| 13 | Towards accurate <i>in vivo</i> spectroscopy of the human prostate. <i>Journal of Biophotonics</i> , 2008, 1, 200-203. | 2.3 | 32 |
| 14 | Studies of tropical fruit ripening using three different spectroscopic techniques. <i>Journal of Biomedical Optics</i> , 2014, 19, 067001. | 2.6 | 31 |
| 15 | Multi-colour fluorescence imaging in connection with photodynamic therapy of 5-amino levulinic acid (ALA) sensitised skin malignancies. <i>Bioimaging</i> , 1995, 3, 134-143. | 1.3 | 31 |
| 16 | <i>In vivo</i> measurements of diffuse reflectance and time-resolved autofluorescence emission spectra of basal cell carcinomas. <i>Journal of Biophotonics</i> , 2012, 5, 240-254. | 2.3 | 29 |
| 17 | Noninvasive gas monitoring in neonatal lungs using diode laser spectroscopy: feasibility study. <i>Journal of Biomedical Optics</i> , 2011, 16, 127002. | 2.6 | 28 |
| 18 | Diode laser spectroscopy for noninvasive monitoring of oxygen in the lungs of newborn infants. <i>Pediatric Research</i> , 2016, 79, 621-628. | 2.3 | 26 |

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|----|---|-----|-----------|
| 19 | Laser Doppler perfusion imaging: New technique for determination of perfusion and reperfusion of splanchnic organs and tumor tissue. , 1997, 20, 473-479. | | 24 |
| 20 | Laser-induced fluorescence studies of normal and malignant tumour tissue of rat following intravenous injection of Î-âmino levulinic acid. , 1997, 20, 272-279. | | 23 |
| 21 | Noninvasive monitoring of gas in the lungs and intestines of newborn infants using diode lasers: feasibility study. Journal of Biomedical Optics, 2013, 18, 127005. | 2.6 | 23 |
| 22 | Laser spectroscopy applied to environmental, ecological, food safety, and biomedical research. Optics Express, 2016, 24, A515. | 3.4 | 23 |
| 23 | Application of lidar remote sensing of insects in agricultural entomology on the Chinese scene. Journal of Applied Entomology, 2020, 144, 161-169. | 1.8 | 23 |
| 24 | Laser-Based Spectroscopic Methods in Tissue Characterization. Annals of the New York Academy of Sciences, 1998, 838, 123-129. | 3.8 | 22 |
| 25 | Identification of brain tumours in rats using laser-induced fluorescence and haematoporphyrin derivative. Lasers in Medical Science, 1989, 4, 241-249. | 2.1 | 21 |
| 26 | Method for Studying Gas Composition in the Human Mastoid Cavity by Use of Laser Spectroscopy. Annals of Otology, Rhinology and Laryngology, 2012, 121, 217-223. | 1.1 | 17 |
| 27 | Assessment of human sinus cavity air volume using tunable diode laser spectroscopy, with application to sinusitis diagnostics. Journal of Biophotonics, 2015, 8, 985-992. | 2.3 | 17 |
| 28 | Application of Tunable Diode Laser Spectroscopy for the Assessment of Food Quality. Applied Spectroscopy, 2017, 71, 929-938. | 2.2 | 16 |
| 29 | Multi-colour fluorescence imaging in connection with photodynamic therapy of Î-âmino levulinic acid (ALA) sensitised skin malignancies. Bioimaging, 1995, 3, 134-143. | 1.3 | 14 |
| 30 | Photodynamic therapy and diagnostic measurements of basal cell carcinomas using esterified and non-esterified Î-âminolevulinic acid. Journal of Porphyrins and Phthalocyanines, 2001, 05, 147-153. | 0.8 | 9 |
| 31 | Influence of treatment-induced changes in tissue absorption on treatment volume during interstitial photodynamic therapy. Medical Laser Application: International Journal for Laser Treatment and Research, 2006, 21, 261-270. | 0.3 | 9 |
| 32 | Pharmacokinetic and biodistribution study following systemic administration of FospegÂ® a Pegylated liposomal mTHPC formulation in a murine model. Journal of Biophotonics, 2015, 8, 142-152. | 2.3 | 9 |
| 33 | Diagnostics of femoral head status in humans using laser spectroscopy â€œ <i>In vitro</i> studies. Journal of Biophotonics, 2017, 10, 1356-1364. | 2.3 | 9 |
| 34 | Towards an optical diagnostic system for otitis media using a combination of otoscopy and spectroscopy. Journal of Biophotonics, 2019, 12, e201800305. | 2.3 | 9 |
| 35 | Gas exchange in fruits related to skin condition and fruit ripening studied with diode laser spectroscopy. Journal of Biomedical Optics, 2016, 21, 127007. | 2.6 | 8 |
| 36 | Bio-medical laser physics in development. Europhysics News, 2004, 35, 7-8. | 0.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Detection of free oxygen and water vapor in fertilized and unfertilized eggs by diode laser spectroscopy—Exploration of diagnostics possibilities. Journal of Biophotonics, 2018, 11, e201700154. | 2.3 | 6 |
| 38 | Ripening of avocado fruits studied by spectroscopic techniques. Journal of Biophotonics, 2020, 13, e202000076. | 2.3 | 6 |
| 39 | Laser-induced fluorescence in medical diagnostics. , 1990, , . | | 5 |
| 40 | Intra-operative laser-induced photodynamic therapy in the treatment of experimental hepatic tumours. European Journal of Gastroenterology and Hepatology, 1995, 7, 1073-1080. | 1.6 | 4 |
| 41 | Non-intrusive studies of gas contents and gas diffusion in hen eggs. Biomedical Optics Express, 2019, 10, 83. | 2.9 | 4 |
| 42 | Human Sinus Studies using Monte Carlo Simulations and Diode Laser Gas Absorption Spectroscopy. , 2006, , . | | 2 |
| 43 | Beneficial effects of platelet activating factor receptor antagonist WEB 2170 on 90-minute hepatic inflow interruption. European Journal of Gastroenterology and Hepatology, 1994, 6, 1015-1022. | 1.6 | 1 |
| 44 | Editorial: Clinical Biophotonics. Journal of Biophotonics, 2011, 4, 665-666. | 2.3 | 1 |
| 45 | Gas in scattering media absorption spectroscopy on small and large scales: Toward the extension of lung spectroscopic monitoring to adults. Translational Biophotonics, 2021, 3, e202100003. | 2.7 | 1 |
| 46 | Multispectral Fluorescence Imaging for Tumor Detection and Molecular Biology. , 2006, , . | | 0 |
| 47 | Diagnostics of human gas cavities with diode laser absorption spectroscopy. , 2010, , . | | 0 |