Katarina Svanberg

List of Publications by Year
in descending order

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47	1,103	331670	434195
papers	citations	21 h-index	31 g-index

48	48	48	809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Ripening of avocado fruits studied by spectroscopic techniques. Journal of Biophotonics, 2020, 13, e202000076.	2.3	6
4	Towards an optical diagnostic system for otitis media using a combination of otoscopy and spectroscopy. Journal of Biophotonics, 2019, 12, e201800305.	2.3	9
5	Non-intrusive studies of gas contents and gas diffusion in hen eggs. Biomedical Optics Express, 2019, 10, 83.	2.9	4
6	The batâ€“birdâ€“bug battle: daily flight activity of insects and their predators over a rice field revealed by high-resolution Scheimpflug Lidar. Royal Society Open Science, 2018, 5, 172303.	2.4	46
7	Detection of free oxygen and water vapor in fertilized and unfertilized eggs by diode laser spectroscopyâ€”Exploration of diagnostics possibilities. Journal of Biophotonics, 2018, 11, e201700154.	2.3	6
8	Diagnostics of femoral head status in humans using laser spectroscopy â€“ In vitro studies. Journal of Biophotonics, 2017, 10, 1356-1364.	2.3	9
9	Application of Tunable Diode Laser Spectroscopy for the Assessment of Food Quality. Applied Spectroscopy, 2017, 71, 929-938.	2.2	16
10	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
11	Laser spectroscopy applied to environmental, ecological, food safety, and biomedical research. Optics Express, 2016, 24, A515.	3.4	23
12	Diode laser spectroscopy for noninvasive monitoring of oxygen in the lungs of newborn infants. Pediatric Research, 2016, 79, 621-628.	2.3	26
13	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
14	Pharmacokinetic and biodistribution study following systemic administration of FospegÂ® â€“ a Pegylated liposomal mTHPC formulation in a murine model. Journal of Biophotonics, 2015, 8, 142-152.	2.3	9
15	Studies of tropical fruit ripening using three different spectroscopic techniques. Journal of Biomedical Optics, 2014, 19, 067001.	2.6	31
16	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
17	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
18	In vivo measurements of diffuse reflectance and timeâ€resolved autofluorescence emission spectra of basal cell carcinomas. Journal of Biophotonics, 2012, 5, 240-254.	2.3	29

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19	Editorial: Clinical Biophotonics. Journal of Biophotonics, 2011, 4, 665-666.	2.3	1
20	Nonintrusive gas monitoring in neonatal lungs using diode laser spectroscopy: feasibility study. Journal of Biomedical Optics, 2011, 16, 127002.	2.6	28
21	Photodynamic therapy: superficial and interstitial illumination. Journal of Biomedical Optics, 2010, 15, 041502.	2.6	41
22	Diagnostics of human gas cavities with diode laser absorption spectroscopy. , 2010, , .		0
23	Clinical system for non-invasive in situ monitoring of gases in the human paranasal sinuses. Optics Express, 2009, 17, 10849.	3.4	36
24	Towards accurate in vivo spectroscopy of the human prostate. Journal of Biophotonics, 2008, 1, 200-203.	2.3	32
25	Tumor Selectivity at Short Times Following Systemic Administration of a Liposomal Temoporfin Formulation in a Murine Tumor Model. Photochemistry and Photobiology, 2007, 83, 1211-1219.	2.5	43
26	Multispectral Fluorescence Imaging for Tumor Detection and Molecular Biology. , 2006, , .		0
27	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
28	Human Sinus Studies using Monte Carlo Simulations and Diode Laser Gas Absorption Spectroscopy. , 2006, , .		2
29	Bio-medical laser physics in development. Europhysics News, 2004, 35, 7-8.	0.3	7
30	Photodynamic therapy and diagnostic measurements of basal cell carcinomas using esterified and non-esterified Î´-aminolevulinic acid. Journal of Porphyrins and Phthalocyanines, 2001, 05, 147-153.	0.8	9
31	Multivariate analysis of laryngeal fluorescence spectra recorded in vivo. Lasers in Surgery and Medicine, 2001, 28, 259-266.	2.1	39
32	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
33	Kinetic fluorescence studies of 5-aminolaevulinic acid-induced protoporphyrin IX accumulation in basal cell carcinomas. Journal of Photochemistry and Photobiology B: Biology, 1999, 49, 120-128.	3.8	66
34	Photodynamic therapy utilising topical Î´â€aminolevulinic acid in nonâ€melanoma skin malignancies of the eyelid and the periocular skin. Acta Ophthalmologica, 1999, 77, 182-188.	0.3	72
35	Laser-Based Spectroscopic Methods in Tissue Characterization. Annals of the New York Academy of Sciences, 1998, 838, 123-129.	3.8	22
36	Tumour vessel damage resulting from laser-induced hyperthermia alone and in combination with photodynamic therapy. Cancer Letters, 1997, 111, 157-165.	7.2	33

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37	Pharmacokinetic studies on 5-aminolevulinic acid-induced protoporphyrin IX accumulation in tumours and normal tissues. Cancer Letters, 1997, 112, 225-231.	7.2	62
38	Laser-induced fluorescence studies of normal and malignant tumour tissue of rat following intravenous injection of Î´-amino levulinic acid. , 1997, 20, 272-279.		23
39	Laser Doppler perfusion imaging: New technique for determination of perfusion and reperfusion of splanchnic organs and tumor tissue. , 1997, 20, 473-479.		24
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	Multi-colour fluorescence imaging in connection with photodynamic therapy of Î´-amino levulinic acid (ALA) sensitised skin malignancies. Bioimaging, 1995, 3, 134-143.	1.3	14
42	Multiâ€¢colour fluorescence imaging in connection with photodynamic therapy of Î´â€¢amino levulinic acid (ALA) sensitised skin malignancies. Bioimaging, 1995, 3, 134-143.	1.3	31
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	LASERâ€‰INDUCED FLUORESCENCE IN MALIGNANT and NORMAL TISSUE OF RATS INJECTED WITH BENZOPORPHYRIN DERIVATIVE. Photochemistry and Photobiology, 1993, 57, 978-983.	2.5	36
45	Clinical fluorescence diagnosis of human bladder carcinoma following low dose photofrin injection. Urology, 1993, 41, 322-330.	1.0	71
46	Laser-induced fluorescence in medical diagnostics. , 1990, , .		5
47	Identification of brain tumours in rats using laser-induced fluorescence and haematoporphyrin derivative. Lasers in Medical Science, 1989, 4, 241-249.	2.1	21