

BlaÅ¾ Cugmas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4126925/publications.pdf>

Version: 2024-02-01

21
papers

124
citations

1307366

7
h-index

1281743

11
g-index

21
all docs

21
docs citations

21
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of contact pressureâ€“induced spectral changes on soft-tissue classification in diffuse reflectance spectroscopy: problems and solutions. <i>Journal of Biomedical Optics</i> , 2014, 19, 037002.	1.4	23
2	Pressure-induced near infrared spectra response as a valuable source of information for soft tissue classification. <i>Journal of Biomedical Optics</i> , 2013, 18, 047002.	1.4	14
3	Comparison between rectal and body surface temperature in dogs by the calibrated infrared thermometer. <i>Veterinary and Animal Science</i> , 2020, 9, 100120.	0.6	13
4	Photoplethysmography in dogs and cats: a selection of alternative measurement sites for a pet monitor. <i>Physiological Measurement</i> , 2019, 40, 01NT02.	1.2	12
5	Accuracy of an Affordable Smartphone-Based Teledermoscopy System for Color Measurements in Canine Skin. <i>Sensors</i> , 2020, 20, 6234.	2.1	12
6	Detection of canine skin and subcutaneous tumors by visible and near-infrared diffuse reflectance spectroscopy. <i>Journal of Biomedical Optics</i> , 2015, 20, 037003.	1.4	10
7	Contact pressureâ€“aided spectroscopy. <i>Journal of Biomedical Optics</i> , 2014, 19, 020501.	1.4	8
8	Properties of contact pressure induced by manually operated fiber-optic probes. <i>Journal of Biomedical Optics</i> , 2015, 20, 127002.	1.4	6
9	Evaluation of skin erythema severity by dermatoscopy in dogs with atopic dermatitis. <i>Veterinary Dermatology</i> , 2021, 32, 183.	0.4	5
10	Multimodal Approach of Optical Coherence Tomography and Raman Spectroscopy Can Improve Differentiating Benign and Malignant Skin Tumors in Animal Patients. <i>Cancers</i> , 2022, 14, 2820.	1.7	5
11	Skimager for the objective erythema estimation in atopic dogs. , 2020, , .		3
12	Evaluation of Erythema Severity in Dermatoscopic Images of Canine Skin: Erythema Index Assessment and Image Sampling Reliability. <i>Sensors</i> , 2021, 21, 1285.	2.1	2
13	How Accurate Are Veterinary Clinicians Employing Flexicult Vet for Identification and Antimicrobial Susceptibility Testing of Urinary Bacteria?. <i>Antibiotics</i> , 2021, 10, 1160.	1.5	2
14	Challenges in automated estimation of capillary refill time in dogs. , 2018, , .		2
15	Biophotonics in veterinary medicine: the first steps toward clinical translation. , 2019, , .		2
16	Evaluation of native canine skin color by smartphoneâ€“based dermatoscopy. <i>Skin Research and Technology</i> , 2022, , .	0.8	2
17	A study on the properties of contact pressure induced by manually operated diffuse reflectance fiber optic probes. , 2015, , .		1
18	Poor optical stability of molecular dyes when used as absorbers in water-based tissue-simulating phantoms. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Clinical evaluation of automated capillary refill time estimation in dogs and cats. , 2019, , .		1
20	Towards automated detection of milk spot livers by diffuse reflectance spectroscopy. Journal of Food Engineering, 2014, 124, 128-132.	2.7	0
21	Biophotonics research in Riga: recent projects and results. , 2020, , .		0