

Anne-Sophie Dewalle

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

545
citations

687363

13
h-index

677142

22
g-index

48
all docs

48
docs citations

48
times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer-assisted diagnosis of prostate cancer using DCE-MRI data: design, implementation and preliminary results. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2009, 4, 1-10.	2.8	77
2	Combining a deformable model and a probabilistic framework for an automatic 3D segmentation of prostate on MRI. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2009, 4, 181-188.	2.8	58
3	A New Method for Volume Segmentation of PET Images, Based on Possibility Theory. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 409-423.	8.9	41
4	Impact of consensus contours from multiple PET segmentation methods on the accuracy of functional volume delineation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 911-924.	6.4	35
5	The conventional protocol vs. a protocol including illumination with a fabricâ€based biophotonic device (the Phosistos protocol) in photodynamic therapy for actinic keratosis: a randomized, controlled, noninferiority clinical study. <i>British Journal of Dermatology</i> , 2020, 182, 76-84.	1.5	29
6	Evaluation of PET volume segmentation methods. <i>Nuclear Medicine Communications</i> , 2012, 33, 34-42.	1.1	26
7	Photodynamic therapy for actinic keratosis of the forehead and scalp: a randomized, controlled, phase II clinical study evaluating the noninferiority of a new protocol involving irradiation with a lightâ€emitting, fabricâ€based device (the Flexitheralight protocol) compared with the conventional protocol involving irradiation with the Aktelite CL 128 lamp. <i>British Journal of Dermatology</i> , 2019, 180, 765-773.	1.5	26
8	Is interstitial photodynamic therapy for brain tumors ready for clinical practice? A systematic review. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102492.	2.6	22
9	Artificial white light photodynamic therapy for actinic keratosis: a study of 38 patients in private office practice. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, e165-e167.	2.4	16
10	Is STAPLE algorithm confident to assess segmentation methods in PET imaging?. <i>Physics in Medicine and Biology</i> , 2015, 60, 9473-9491.	3.0	15
11	Comparison of 10 efficient protocols for photodynamic therapy of actinic keratosis: How relevant are effective light dose and local damage in predicting the complete response rate at 3 months?. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 576-589.	2.1	15
12	Comparison of three light doses in the photodynamic treatment of actinic keratosis using mathematical modeling. <i>Journal of Biomedical Optics</i> , 2015, 20, 058001.	2.6	14
13	Interstitial photodynamic therapy and glioblastoma: Light fractionation in a preclinical model. <i>Lasers in Surgery and Medicine</i> , 2017, 49, 506-515.	2.1	14
14	Comparison of different treatment schemes in 5-ALA interstitial photodynamic therapy for high-grade glioma in a preclinical model: An MRI study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 166-176.	2.6	14
15	Interstitial Photodynamic Therapy for Glioblastomas: A Standardized Procedure for Clinical Use. <i>Cancers</i> , 2021, 13, 5754.	3.7	14
16	Light emitting fabrics for photodynamic therapy: Technology, experimental and clinical applications. <i>Translational Biophotonics</i> , 2020, 2, e202000005.	2.7	13
17	Can daylight-PDT be performed indoor?. <i>Giornale Italiano Di Dermatologia E Venereologia</i> , 2018, 153, 811-816.	0.8	12
18	3D automatic segmentation and reconstruction of prostate on MR images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 5259-62.	0.5	11

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19	Photodynamic therapy for glioblastoma: A preliminary approach for practical application of light propagation models. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 523-534.	2.1	10
20	Les méthodes de seuillage en TEP: un état de l'art. <i>Medecine Nucleaire</i> , 2010, 34, 119-131.	0.2	9
21	Photodynamic therapy for actinic keratosis: Is the European consensus protocol for daylight PDT superior to conventional protocol for Aktilite CL 128 PDT?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 70-77.	3.8	8
22	A New Light-Emitting, Fabric-Based Device for Photodynamic Therapy of Actinic Keratosis: Protocol for a Randomized, Controlled, Multicenter, Intra-Individual, Phase II Noninferiority Study (the Phosistos) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>		
23	A new method based on both fuzzy set and possibility theories for tumor volume segmentation on PET images. , 2008, 2008, 3122-5.		7
24	Three-dimensional skeletonization and symbolic description in vascular imaging: preliminary results. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2013, 8, 233-246.	2.8	6
25	Introduction of a model of skin lesions on rats and testing of dissolving microneedles containing 5-aminolevulinic acid. <i>International Journal of Pharmaceutics</i> , 2021, 594, 120115.	5.2	6
26	MedataWeb: A shared platform for multimodality medical images and Atlases. <i>Irbm</i> , 2012, 33, 223-226.	5.6	5
27	Laser interstitial thermotherapy (LITT) for breast cancer: dosimetry optimization and numerical simulation. <i>Lasers in Medical Science</i> , 2022, 37, 489-498.	2.1	5
28	Evaluating the Noninferiority of a New Photodynamic Therapy (Flexitheralight) Compared With Conventional Treatment for Actinic Keratosis: Protocol for a Phase 2 Study. <i>JMIR Research Protocols</i> , 2019, 8, e11530.	1.0	5
29	Red light photodynamic therapy for actinic keratosis using 37 mJ/cm^2 : Fractionated irradiation with 12.3 mW/cm^2 after 30 minutes incubation time compared to standard continuous irradiation with 75 mW/cm^2 after 3 hours incubation time using a mathematical modeling. <i>Lasers in Surgery and Medicine</i> , 2017, 49, 686-697.	2.1	4
30	Photodynamic therapy for actinic keratosis of the forehead and scalp with the Aktilite CL 128: Is there a cutoff value for weighted irradiance for effective treatment?. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2019, 35, 232-237.	1.5	4
31	Volume quantification by fuzzy logic modelling in freehand ultrasound imaging. <i>Ultrasonics</i> , 2009, 49, 646-652.	3.9	3
32	Toward automatic zonal segmentation of prostate by combining a deformable model and a probabilistic framework. , 2008, , .		2
33	3D multifractal analysis: A new tool for epileptic fit sources detection in SPECT images. , 2008, 2008, 3912-5.		2
34	Nouvelle méthode de segmentation des volumes d'intérêt en TEP: utilisation de la théorie des possibilités. <i>Irbm</i> , 2011, 32, 351-362.	5.6	2
35	Évaluation de méthodes automatiques de segmentation des volumes tumoraux en tomographie par émission de positons par comparaison avec des contours manuels réalisés par un groupe d'experts. <i>Medecine Nucleaire</i> , 2011, 35, 146-155.	0.2	2
36	A Warp-Knitted Light-Emitting Fabric-Based Device for In Vitro Photodynamic Therapy: Description, Characterization, and Application on Human Cancer Cell Lines. <i>Cancers</i> , 2021, 13, 4109.	3.7	2

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37	Low irradiance red light compared to conventional red light in photodynamic therapy of actinic keratosis: A way to reduce pain during treatment. <i>Dermatologic Therapy</i> , 2019, 32, e12913.	1.7	1
38	Photodynamic therapy for actinic keratosis: a trend towards a decrease in irradiance without loss of efficacy for a better tolerability. , 2019, , .		1
39	Comparison between shifted Spearman rank correlation test and SPM in fMRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 3400-3.	0.5	0
40	An optimized set of 3D fractal and multifractal features for the epileptogenic focus characterization in SPECT imaging. , 2009, , .		0
41	Fusion d'images en médecine nucléaire: des concepts à l'application clinique. <i>Medicine Nucleaire</i> , 2010, 34, 431-438.	0.2	0
42	Light emitting fabrics for photodynamic treatment of vulvar primary extramammary Paget's disease. , 2019, , .		0
43	Light emitting fabrics for PDT: technology and results of clinical studies. , 2019, , .		0
44	PDT in dermatology: quantification, relevance and comparison of light sources within a few clicks. , 2019, , .		0