Anne-Sophie Dewalle

List of Publications by Year
in descending order

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	Laser interstitial thermotherapy (LITT) for breast cancer: dosimetry optimization and numerical simulation. Lasers in Medical Science, 2022, 37, 489-498.	2.1	5
2	Introduction of a model of skin lesions on rats and testing of dissolving microneedles containing 5-aminolevulinic acid. International Journal of Pharmaceutics, 2021, 594, 120115.	5.2	6
3	A Warp-Knitted Light-Emitting Fabric-Based Device for In Vitro Photodynamic Therapy: Description, Characterization, and Application on Human Cancer Cell Lines. Cancers, 2021, 13, 4109.	3.7	2
4	Is interstitial photodynamic therapy for brain tumors ready for clinical practice? A systematic review. Photodiagnosis and Photodynamic Therapy, 2021, 36, 102492.	2.6	22
5	Interstitial Photodynamic Therapy for Glioblastomas: A Standardized Procedure for Clinical Use. Cancers, 2021, 13, 5754.	3.7	14
6	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. British Journal of Dermatology, 2020, 182, 76-84.	1.5	29
7	Artificial white light photodynamic therapy for actinic keratosis: a study of 38 patients in private office practice. Journal of the European Academy of Dermatology and Venereology, 2020, 34, e165-e167.	2.4	16
8	Light emitting fabrics for photodynamic therapy: Technology, experimental and clinical applications. Translational Biophotonics, 2020, 2, e202000005.	2.7	13
9	Lowâ€irradiance red light compared to conventional red light in photodynamic therapy of actinic keratosis: A way to reduce pain during treatment. Dermatologic Therapy, 2019, 32, e12913.	1.7	1
10	Photodynamic therapy for actinic keratosis of the forehead and scalp with the Aktilite <scp>CL</scp> 128: Is there a cutâ€off value for Pp<scp>IX</scp>â€weighted irradiance for effective treatment?. Photodermatology Photoimmunology and Photomedicine, 2019, 35, 232-237.	1.5	4
11	Comparison of different treatment schemes in 5-ALA interstitial photodynamic therapy for high-grade glioma in a preclinical model: An MRI study. Photodiagnosis and Photodynamic Therapy, 2019, 25, 166-176.	2.6	14
12	Photodynamic therapy for actinic keratosis of the forehead and scalp: a randomized, controlled, phase<scp>II</scp>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 Aktilite<scp>CL</scp>128 lamp. British Journal of Dermatology, 2019, 180, 765-773.	1.5	26
13	Photodynamic therapy for actinic keratosis: a trend towards a decrease in irradiance without loss of efficacy for a better tolerability. , 2019, , .		1
14	Evaluating the Noninferiority of a New Photodynamic Therapy (Flexitheralight) Compared With Conventional Treatment for Actinic Keratosis: Protocol for a Phase 2 Study. JMIR Research Protocols, 2019, 8, e11530.	1.0	5
15	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) Tj ETQq1 1 0.784314 rgBT /Overlo		8
16	Light emitting fabrics for photodynamic treatment of vulvar primary extramammary Paget's disease. , 2019, , .		0
17	Light emitting fabrics for PDT: technology and results of clinical studies. , 2019, , .		0
18	PDT in dermatology: quantification, relevance and comparison of light sources within a few clicks. , 2019, , .		0

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19	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?. Lasers in Surgery and Medicine, 2018, 50, 576-589.	2.1	15
20	Photodynamic therapy for glioblastoma: A preliminary approach for practical application of light propagation models. Lasers in Surgery and Medicine, 2018, 50, 523-534.	2.1	10
21	Can daylight-PDT be performed indoor?. Giornale Italiano Di Dermatologia E Venereologia, 2018, 153, 811-816.	0.8	12
22	Red light photodynamic therapy for actinic keratosis using 37â€‰J/cm²: Fractionated irradiation with 12.3â€‰mW/cm² after 30 minutes incubation time compared to standard continuous irradiation with 75â€‰mW/cm² after 3 hours incubation time using a mathematical modeling. Lasers in Surgery and Medicine, 2017, 49, 686-697.	2.1	4
23	Interstitial photodynamic therapy and glioblastoma: Light fractionation in a preclinical model. Lasers in Surgery and Medicine, 2017, 49, 506-515.	2.1	14
24	Photodynamic therapy for actinic keratosis: Is the European consensus protocol for daylight PDT superior to conventional protocol for Aktilite CL 128 PDT?. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 70-77.	3.8	8
25	Impact of consensus contours from multiple PET segmentation methods on the accuracy of functional volume delineation. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 911-924.	6.4	35
26	Is STAPLE algorithm confident to assess segmentation methods in PET imaging?. Physics in Medicine and Biology, 2015, 60, 9473-9491.	3.0	15
27	Comparison of three light doses in the photodynamic treatment of actinic keratosis using mathematical modeling. Journal of Biomedical Optics, 2015, 20, 058001.	2.6	14
28	Three-dimensional skeletonization and symbolic description in vascular imaging: preliminary results. International Journal of Computer Assisted Radiology and Surgery, 2013, 8, 233-246.	2.8	6
29	Evaluation of PET volume segmentation methods. Nuclear Medicine Communications, 2012, 33, 34-42.	1.1	26
30	MedataWeb: A shared platform for multimodality medical images and Atlases. Irbm, 2012, 33, 223-226.	5.6	5
31	Nouvelle mÃ©thode de segmentation des volumes dâ€™intÃ©rÃªt en TEPÂ: utilisation de la thÃ©orie des possibilitÃ©s. Irbm, 2011, 32, 351-362.	5.6	2
32	Ã‰valuation de mÃ©thodes automatiques de segmentation des volumes tumoraux en tomographie par Ã©mission de positons par comparaison avec des contours manuels rÃ©alisÃ©s par un groupe dâ€™experts. Medecine Nucleaire, 2011, 35, 146-155.	0.2	2
33	A New Method for Volume Segmentation of PET Images, Based on Possibility Theory. IEEE Transactions on Medical Imaging, 2011, 30, 409-423.	8.9	41
34	Les mÃ©thodes de seuillage en TEPÂ: un Ã©tat de lâ€™art. Medecine Nucleaire, 2010, 34, 119-131.	0.2	9
35	Fusion dâ€™images en mÃ©decine nuclÃ©aireÂ: des concepts Ã lâ€™application clinique. Medecine Nucleaire, 2010, 34, 431-438.	0.2	0
36	An optimized set of 3D fractal and multifractal features for the epileptogenic focus characterization in SPECT imaging. , 2009, , .		0

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37	Computer-assisted diagnosis of prostate cancer using DCE-MRI data: design, implementation and preliminary results. International Journal of Computer Assisted Radiology and Surgery, 2009, 4, 1-10.	2.8	77
38	Combining a deformable model and a probabilistic framework for an automatic 3D segmentation of prostate on MRI. International Journal of Computer Assisted Radiology and Surgery, 2009, 4, 181-188.	2.8	58
39	Volume quantification by fuzzy logic modelling in freehand ultrasound imaging. Ultrasonics, 2009, 49, 646-652.	3.9	3
40	Toward automatic zonal segmentation of prostate by combining a deformable model and a probabilistic framework. , 2008, , .		2
41	3D mutifractal analysis: A new tool for epileptic fit sources detection in SPECT images. , 2008, 2008, 3912-5.		2
42	A new method based on both fuzzy set and possibility theories for tumor volume segmentation on PET images. , 2008, 2008, 3122-5.		7
43	3D automatic segmentation and reconstruction of prostate on MR images. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5259-62.	0.5	11
44	Comparison between shifted Spearman rank correlation test and SPM in fMRI. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3400-3.	0.5	0