Daniela Hartmann

List of Publications by Year
in descending order

50	1,526	430874	315739
papers	citations	18	38
		h-index	g-index

65	65	65	1310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep learning outperformed 136 of 157 dermatologists in a head-to-head dermoscopic melanoma image classification task. European Journal of Cancer, 2019, 113, 47-54.	2.8	300
2	Superior skin cancer classification by the combination of human and artificial intelligence. European Journal of Cancer, 2019, 120, 114-121.	2.8	197
3	A convolutional neural network trained with dermoscopic images performed on par with 145 dermatologists in a clinical melanoma image classification task. European Journal of Cancer, 2019, 111, 148-154.	2.8	197
4	Systematic outperformance of 112 dermatologists in multiclass skin cancer image classification by convolutional neural networks. European Journal of Cancer, 2019, 119, 57-65.	2.8	134
5	Artificial Intelligence and Its Effect on Dermatologists' Accuracy in Dermoscopic Melanoma Image Classification: Web-Based Survey Study. Journal of Medical Internet Research, 2020, 22, e18091.	4.3	45
6	Identification of *ex-vivo* confocal scanning microscopic features and their histological correlates in human skin. Journal of Biophotonics, 2016, 9, 376-387.	2.3	37
7	Prospective multicentre cohort study on 9154 surgical procedures to assess the risk of postoperative bleeding – a DESSI study. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 724-731.	2.4	36
8	Line-field optical coherence tomography: *in-vivo* diagnosis of basal cell carcinoma subtypes compared with histopathology. Clinical and Experimental Dermatology, 2021, 46, 1471-1481.	1.3	35
9	Identification of *ex-vivo* confocal laser scanning microscopic features of melanocytic lesions and their histological correlates. Journal of Biophotonics, 2017, 10, 128-142.	2.3	34
10	Correlation of histological and *ex-vivo* confocal tumor thickness in malignant melanoma. Lasers in Medical Science, 2016, 31, 921-927.	2.1	29
11	Ex vivo confocal microscopy features of cutaneous squamous cell carcinoma. Journal of Biophotonics, 2018, 11, e201700318.	2.3	27
12	Immunofluorescence and confocal microscopy for ex-vivo diagnosis of melanocytic and non-melanocytic skin tumors: A pilot study. Journal of Biophotonics, 2018, 11, e201700211.	2.3	26
13	Ex vivo confocal laser scanning microscopy for bullous pemphigoid diagnostics: new era in direct immunofluorescence?. Journal of the European Academy of Dermatology and Venereology, 2019, 33, 2123-2130.	2.4	25
14	Ex vivo confocal laser scanning microscopy: An innovative method for direct immunofluorescence of cutaneous vasculitis. Journal of Biophotonics, 2019, 12, e201800425.	2.3	22
15	Line-field confocal optical coherence tomography for the in-vivo real-time diagnosis of different stages of keratinocyte skin cancer: a preliminary study. Journal of the European Academy of Dermatology and Venereology, 2021, 35, 2388-2397.	2.4	22
16	In-Vivo LC-OCT Evaluation of the Downward Proliferation Pattern of Keratinocytes in Actinic Keratosis in Comparison with Histology: First Impressions from a Pilot Study. Cancers, 2021, 13, 2856.	3.7	21
17	Line-Field Confocal Optical Coherence Tomography Increases the Diagnostic Accuracy and Confidence for Basal Cell Carcinoma in Equivocal Lesions: A Prospective Study. Cancers, 2022, 14, 1082.	3.7	21
18	Complications associated with cutaneous aesthetic procedures. JDDG - Journal of the German Society of Dermatology, 2015, 13, 778-786.	0.8	20

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19	Simple 3‐criteria‐based ex vivo confocal diagnosis of basal cell carcinoma. Journal of Biophotonics, 2018, 11, e201800062.	2.3	20
20	Recurrence of Pemphigus Vulgaris Under Nivolumab Therapy. Frontiers in Medicine, 2019, 6, 262.	2.6	19
21	Monitoring structural changes in Demodex mites under topical Ivermectin in rosacea by means of reflectance confocal microscopy: a case series. Journal of the European Academy of Dermatology and Venereology, 2017, 31, e299-e301.	2.4	18
22	Morphologic features of basal cell carcinoma using the en‐face mode in frequency domain optical coherence tomography. Journal of the European Academy of Dermatology and Venereology, 2016, 30, 1919-1925.	2.4	17
23	Non‐invasive monitoring of subclinical and clinical actinic keratosis of face and scalp under topical treatment with ingenol mebutate gel 150 mcg/g by means of reflectance confocal microscopy and optical coherence tomography: New perspectives and comparison of diagnostic techniques. Journal of Biophotonics, 2019, 12, e201800391.	2.3	15
24	Immunofluorescence and histopathological assessment using ex vivo confocal laser scanning microscopy in lichen planus. Journal of Biophotonics, 2020, 13, e202000328.	2.3	15
25	Impact of <scp>COVID</scp>‐19 on wound care in Germany. International Wound Journal, 2021, 18, 536-542.	2.9	15
26	Lesional activation of T$_c$17 cells in Behçet disease and psoriasis supports HLA class I‐mediated autoimmune responses*. British Journal of Dermatology, 2021, 185, 1209-1220.	1.5	15
27	Patient‐dependent risk factors for wound infection after skin surgery: A systematic review and meta‐analysis. International Wound Journal, 2022, 19, 1748-1757.	2.9	15
28	The invisible basal cell carcinoma: how reflectance confocal microscopy improves the diagnostic accuracy of clinically unclear facial macules and papules. Lasers in Medical Science, 2016, 31, 1727-1732.	2.1	14
29	Optical coherence tomography imaging of basal cell carcinoma undergoing photodynamic therapy: A pilot study. Photodiagnosis and Photodynamic Therapy, 2017, 18, 133-137.	2.6	13
30	Machine Learning Based Prediction of Squamous Cell Carcinoma in Ex Vivo Confocal Laser Scanning Microscopy. Cancers, 2021, 13, 5522.	3.7	12
31	Simultaneous immunofluorescence and histology in pemphigus vulgaris using ex vivo confocal laser scanning microscopy. Journal of Biophotonics, 2021, 14, e202000509.	2.3	9
32	Ex vivo Confocal Laser Scanning Microscopy: A Potential New Diagnostic Imaging Tool in Onychomycosis Comparable With Gold Standard Techniques. Frontiers in Medicine, 2020, 7, 586648.	2.6	8
33	New‐generation diagnostics in inflammatory skin diseases: Immunofluorescence and histopathological assessment using ex vivo confocal laser scanning microscopy in cutaneous lupus erythematosus. Experimental Dermatology, 2021, 30, 684-690.	2.9	8
34	Ex‐vivo fluorescence confocal microscopy with digital staining for characterizing basal cell carcinoma on frozen sections: A comparison with histology. Journal of Biophotonics, 2021, 14, e202100094.	2.3	7
35	Properties of contact pressure induced by manually operated fiber-optic probes. Journal of Biomedical Optics, 2015, 20, 127002.	2.6	6
36	Noninvasive real‐time imaging of mite skin infestations with line‐field confocal optical coherence tomography. British Journal of Dermatology, 2021, 184, e3.	1.5	6

#	Article	IF	Citations
37	In vivo examination of healthy human skin after short–time treatment with moisturizers using confocal Raman spectroscopy and optical coherence tomography: Preliminary observations. Skin Research and Technology, 2022, 28, 119-132.	1.6	6
38	Ex vivo confocal laser scanning microscopy: A diagnostic technique for easy real–time evaluation of benign and malignant skin tumours. Journal of Biophotonics, 2022, 15, e202100372.	2.3	6
39	Lichen Planus Pigmentosus Inversus: A Rare Subvariant of Lichen Planus Pigmentosus. Case Reports in Dermatology, 2021, 13, 407-410.	0.8	5
40	Professional internet information source used as educational resource for patients with insulin-treated diabetes in the Czech Republic: a 5-year analysis of operations. Wiener Klinische Wochenschrift, 2016, 128, 153-154.	1.9	4
41	Expression of n-MYC, NAMPT and SIRT1 in Basal Cell Carcinomas and their Cells of Origin. Acta Dermato-Venereologica, 2018, 99, 63-71.	1.3	4
42	Optical coherence tomography for patch test grading: A prospective study on its use for noninvasive diagnosis of allergic contact dermatitis. Contact Dermatitis, 2021, 84, 183-191.	1.4	3
43	Risks and benefits of dermatological machine learning health care applications—an overview and ethical analysis. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 1660-1668.	2.4	3
44	<scp>EGFRI</scp>–induced papulopustular rosacea–like rash successfully treated with topical ivermectin. Journal of the European Academy of Dermatology and Venereology, 2017, 31, e302-e304.	2.4	2
45	049 Simultaneous assessment of histopathology and direct immunofluorescence in pemphigus vulgaris using ex vivo confocal laser scanning microscopy. Journal of Investigative Dermatology, 2019, 139, S223.	0.7	2
46	Nebenwirkungen Ästhetischer Eingriffe an der Haut. JDDG - Journal of the German Society of Dermatology, 2015, 13, 778-787.	0.8	1
47	Impact of the COVID –19 pandemic on patients with hidradenitis suppurativa. International Wound Journal, 2022, , .	2.9	1
48	Acquired Nevi: Junctional, Compound, and Dermal. , 2022, , 109-112.		1
49	"Twin lesions": Which one is the bad one? Improvement of clinical diagnosis with reflectance confocal microscopy. Dermatology Practical and Conceptual, 2017, 7, 11-17.	0.9	0
50	Granulomatous reaction after cholla cactus spine injury. Cutis, 2020, 105, 143-145;E2.	0.3	0