Philipp Tschandl

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7368242/publications.pdf

Version: 2024-02-01

96 papers	5,359 citations	185998 28 h-index	91712 69 g-index
104 all docs	104 docs citations	104 times ranked	3610 citing authors

#	Article	IF	Citations
1	Monitoring patients at risk for melanoma: May convolutional neural networks replace the strategy of sequential digital dermoscopy?. European Journal of Cancer, 2022, 160, 180-188.	1.3	7
2	Checklist for Evaluation of Image-Based Artificial Intelligence Reports in Dermatology. JAMA Dermatology, 2022, 158, 90.	2.0	71
3	Subcutaneous nodules on the upper extremity â€“ an unusual presentation of Kimuraâ€™s disease. JDDG - Journal of the German Society of Dermatology, 2022, 20, 525-527.	0.4	0
4	Combining threeâ€dimensional histopathology with bread loafing and orientation without artificial coloring. Journal of Cutaneous Pathology, 2022, 49, 671-675.	0.7	0
5	Position paper on a simplified histopathological classification of basal cell carcinoma: results of the European Consensus Project. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 351-359.	1.3	13
6	Validation of artificial intelligence prediction models for skin cancer diagnosis using dermoscopy images: the 2019 International Skin Imaging Collaboration Grand Challenge. The Lancet Digital Health, 2022, 4, e330-e339.	5.9	38
7	Guest editorial: Image analysis in dermatology. Medical Image Analysis, 2022, 79, 102468.	7.0	1
8	Assessment of melanoma thickness based on dermoscopy images: an open, webâ€based, international, diagnostic study. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 2002-2007.	1.3	5
9	The dermoscopic inverse approach significantly improves the accuracy of human readers for lentigo maligna diagnosis. Journal of the American Academy of Dermatology, 2021, 84, 381-389.	0.6	19
10	Artificial neural networks and pathologists recognize basal cell carcinomas based on different histological patterns. Modern Pathology, 2021, 34, 895-903.	2.9	20
11	Dermatoscopy of combined blue nevi: a multicentre study of the International Dermoscopy Society. Journal of the European Academy of Dermatology and Venereology, 2021, 35, 900-905.	1.3	6
12	Reproduction of patterns in melanocytic proliferations by agent-based simulation and geometric modeling. PLoS Computational Biology, 2021, 17, e1008660.	1.5	2
13	Skin lesions of face and scalp â€“ Classification by a market-approved convolutional neural network in comparison with 64 dermatologists. European Journal of Cancer, 2021, 144, 192-199.	1.3	19
14	Artificial intelligence for melanoma diagnosis. Italian Journal of Dermatology and Venereology, 2021, 156, .	0.1	9
15	Perilesional sun damage as a diagnostic clue for pigmented actinic keratosis and Bowenâ€™s disease. Journal of the European Academy of Dermatology and Venereology, 2021, 35, 2022-2026.	1.3	4
16	Singleâ€cell RNA sequencing profiling in a patient with discordant primary cutaneous Bâ€cell and Tâ€cell lymphoma reveals micromilieuâ€driven immune skewing. British Journal of Dermatology, 2021, 185, 1013-1025.	1.4	13
17	Risk of Bias and Error From Data Sets Used for Dermatologic Artificial Intelligence. JAMA Dermatology, 2021, 157, 1271.	2.0	9
18	A patient-centric dataset of images and metadata for identifying melanomas using clinical context. Scientific Data, 2021, 8, 34.	2.4	165

#	Article	IF	Citations
19	Artificial intelligence for melanoma diagnosis. Italian Journal of Dermatology and Venereology, 2021, 156, 289-299.	0.1	2
20	Standardization of dermoscopic terminology and basic dermoscopic parameters to evaluate in general dermatology (nonâ€neoplastic dermatoses): an expert consensus on behalf of the International Dermoscopy Society. British Journal of Dermatology, 2020, 182, 454-467.	1.4	111
21	Man against machine reloaded: performance of a market-approved convolutional neural network in classifying a broad spectrum of skin lesions in comparison with 96 dermatologists working under less artificial conditions. Annals of Oncology, 2020, 31, 137-143.	0.6	140
22	Problems and Potentials of Automated Object Detection for Skin Cancer Recognition. JAMA Dermatology, 2020, 156, 23.	2.0	6
23	Using contentâ€based image retrieval of dermoscopic images for interpretation and education: A pilot study. Skin Research and Technology, 2020, 26, 503-512.	0.8	11
24	Human surface anatomy terminology for dermatology: a Delphi consensus from the International Skin Imaging Collaboration. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 2659-2663.	1.3	10
25	Cutaneous signs in SARSâ€CoVâ€2 infection: a plea for more rigorous peer review in the time of COVIDâ€19. British Journal of Dermatology, 2020, 183, 1140-1142.	1.4	11
26	The effects of skin lesion segmentation on the performance of dermatoscopic image classification. Computer Methods and Programs in Biomedicine, 2020, 197, 105725.	2.6	61
27	Humanâ€“computer collaboration for skin cancer recognition. Nature Medicine, 2020, 26, 1229-1234.	15.2	383
28	Number needed to biopsy ratio and diagnostic accuracy for melanoma detection. Journal of the American Academy of Dermatology, 2020, 83, 780-787.	0.6	8
29	Defining the terminology and parameters that should be used in studies into dermoscopy for nonâ€cancer skin diseases. British Journal of Dermatology, 2020, 182, e61.	1.4	0
30	Attitudes towards artificial intelligence within dermatology: an international online survey. British Journal of Dermatology, 2020, 183, 159-161.	1.4	57
31	Analysis of Collective Human Intelligence for Diagnosis of Pigmented Skin Lesions Harnessed by Gamification Via a Web-Based Training Platform: Simulation Reader Study. Journal of Medical Internet Research, 2020, 22, e15597.	2.1	12
32	Inequalities in the patterns of dermoscopy use and training across Europe: conclusions of the Eurodermoscopy pan-European survey. European Journal of Dermatology, 2020, 30, 524-531.	0.3	1
33	A prospective diagnostic study on povidoneâ€“iodine retention in lesions suspected to be squamous cell carcinoma or keratoacanthoma. Australasian Journal of Dermatology, 2019, 60, e33-e39.	0.4	1
34	Artificial Intelligence Approach in Melanoma. , 2019, , 599-628.		5
35	Diagnostic accuracy of dermatoscopic image retrieval. British Journal of Dermatology, 2019, 181, e8.	1.4	1
36	Dermoscopic features of mammary Pagetâ€™s disease: a retrospective caseâ€control study by the International Dermoscopy Society. Journal of the European Academy of Dermatology and Venereology, 2019, 33, 1892-1898.	1.3	11

#	Article	IF	Citations
37	MUW researcher of the month. Wiener Klinische Wochenschrift, 2019, 131, 582-583.	1.0	0
38	Accuracy of Computer-Aided Diagnosis of Melanoma. JAMA Dermatology, 2019, 155, 1291.	2.0	74
39	Artificial Intelligence Approach in Melanoma. , 2019, , 1-31.		5
40	Comparison of the accuracy of human readers versus machine-learning algorithms for pigmented skin lesion classification: an open, web-based, international, diagnostic study. Lancet Oncology, The, 2019, 20, 938-947.	5.1	318
41	Diagnostic accuracy of contentâ€based dermatoscopic image retrieval with deep classification features. British Journal of Dermatology, 2019, 181, 155-165.	1.4	59
42	Expert-Level Diagnosis of Nonpigmented Skin Cancer by Combined Convolutional Neural Networks. JAMA Dermatology, 2019, 155, 58.	2.0	199
43	Domain-specific classification-pretrained fully convolutional network encoders for skin lesion segmentation. Computers in Biology and Medicine, 2019, 104, 111-116.	3.9	78
44	Advances in the diagnosis of pigmented skin lesions. British Journal of Dermatology, 2018, 178, 9-11.	1.4	15
45	Driver mutations in the mitogenâ€activated protein kinase pathway: the seeds of good and evil. British Journal of Dermatology, 2018, 178, 26-27.	1.4	25
46	The HAM10000 dataset, a large collection of multi-source dermatoscopic images of common pigmented skin lesions. Scientific Data, 2018, 5, 180161.	2.4	1,426
47	Dermatoscopy of Neoplastic Skin Lesions: Recent Advances, Updates, and Revisions. Current Treatment Options in Oncology, 2018, 19, 56.	1.3	55
48	Multimodal skin lesion classification using deep learning. Experimental Dermatology, 2018, 27, 1261-1267.	1.4	170
49	Sequential digital dermatoscopic imaging of patients with multiple atypical nevi. Dermatology Practical and Conceptual, 2018, 8, 231-237.	0.5	8
50	Sequential digital dermatoscopic imaging of patients with multiple atypical nevi. Dermatology Practical and Conceptual, 2018, 8, 231-237.	0.5	7
51	Palpable Pigmented Lesions on the Trunk. , 2018, , 93-115.		0
52	Interoperable Localisation of Lesions on the Human Skin. Studies in Health Technology and Informatics, 2018, 247, 850-854.	0.2	0
53	The impact of dermoscopy on melanoma detection in the practice of dermatologists in Europe: results of a panâ€European survey. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 1148-1156.	1.3	34
54	Update on dermoscopy of Spitz/Reed naevi and management guidelines by the International Dermoscopy Society. British Journal of Dermatology, 2017, 177, 645-655.	1.4	95

#	Article	IF	Citations
55	Langzeitauswertung des Nutzens der digitalen Dermatoskopie an einem Referenzzentrum. JDDG - Journal of the German Society of Dermatology, 2017, 15, 517-523.	0.4	0
56	Longâ€term evaluation of the efficacy of digital dermatoscopy monitoring at a tertiary referral center. JDDG - Journal of the German Society of Dermatology, 2017, 15, 517-522.	0.4	13
57	Melanomas vs. nevi in highâ€risk patients under longâ€term monitoring with digital dermatoscopy: do melanomas and nevi already differ at baseline?. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 972-977.	1.3	25
58	Accuracy of dermatoscopy for the diagnosis of nonpigmented cancers of the skin. Journal of the American Academy of Dermatology, 2017, 77, 1100-1109.	0.6	84
59	Wait time to seek skin cancer screening in Italy. Journal of the European Academy of Dermatology and Venereology, 2017, 31, e93-e94.	1.3	2
60	A pretrained neural network shows similar diagnostic accuracy to medical students in categorizing dermatoscopic images after comparable training conditions. British Journal of Dermatology, 2017, 177, 867-869.	1.4	22
61	Seven Non-melanoma Features to Rule Out Facial Melanoma. Acta Dermato-Venereologica, 2017, 97, 1219-1224.	0.6	18
62	Dermatofibroma looks dermoscopically different on trunk versus extremities. Italian Journal of Dermatology and Venereology, 2017, 152, 333-337.	0.1	0
63	Dermoscopic clues to differentiate facial lentigo maligna from pigmented actinic keratosis. British Journal of Dermatology, 2016, 174, 1079-1085.	1.4	64
64	Impact of oncogenic BRAF mutations and p16 expression on the growth rate of early melanomas and naeviin vivo. British Journal of Dermatology, 2016, 174, 364-370.	1.4	10
65	Cutaneous paraneoplastic disorders in stomach cancer: Collaboration between oncologically active dermatologists and clinical oncologists. Critical Reviews in Oncology/Hematology, 2016, 103, 78-85.	2.0	6
66	Factors driving the use of dermoscopy in Europe: a pan-European survey. British Journal of Dermatology, 2016, 175, 1329-1337.	1.4	28
67	Standardization of terminology in dermoscopy/dermatoscopy: Results of the third consensus conference of the International Society of Dermoscopy. Journal of the American Academy of Dermatology, 2016, 74, 1093-1106.	0.6	207
68	Double-Loop Dermal Suture: A Technique for High-Tension Wound Closure. Aesthetic Surgery Journal, 2016, 36, NP165-NP167.	0.9	9
69	The BRAAFF checklist: a new dermoscopic algorithm forÂdiagnosing acral melanoma. British Journal of Dermatology, 2015, 173, 1041-1049.	1.4	70
70	Teaching dermatoscopy of pigmented skin tumours to novices: comparison of analytic vs. heuristic approach. Journal of the European Academy of Dermatology and Venereology, 2015, 29, 1198-1204.	1.3	23
71	Dermatoscopy of flat pigmented facial lesions. Journal of the European Academy of Dermatology and Venereology, 2015, 29, 120-127.	1.3	77
72	Cutaneous Human Papillomavirus Infection: Manifestations and Diagnosis. Current Problems in Dermatology, 2014, 45, 92-97.	0.8	23

#	Article	IF	Citations
73	Prediction without Pigment: a decision algorithm for non-pigmented skin malignancy. Dermatology Practical and Conceptual, 2014, 4, 59-66.	0.5	22
74	Dysplastic Nevus. Dermatologic Clinics, 2013, 31, 579-588.	1.0	16
75	Trends in the diagnosis of melanoma at a university center over time. JDDG - Journal of the German Society of Dermatology, 2013, 11, 251-256.	0.4	0
76	Zeitliche Trends in der Melanom-Diagnostik an einer UniversitÃtsklinik. JDDG - Journal of the German Society of Dermatology, 2013, 11, 251-256.	0.4	4
77	NRAS and BRAF Mutations in Melanoma-Associated Nevi and Uninvolved Nevi. PLoS ONE, 2013, 8, e69639.	1.1	63
78	Recurrent nevi: report of three cases with dermatoscopic-dermatopathologic correlation. Dermatology Practical and Conceptual, 2013, 3, 29-32.	0.5	11
79	Dermatoscopy: what is your diagnosis?. Dermatology Practical and Conceptual, 2013, 3, 73.	0.5	0
80	Accuracy of the first step of the dermatoscopic 2-step algorithm for pigmented skin lesions. Dermatology Practical and Conceptual, 2012, 2, 43-49.	0.5	14
81	Dermoscopy of Squamous Cell Carcinoma and Keratoacanthoma. Archives of Dermatology, 2012, 148, 1386.	1.7	141
82	Accuracy in melanoma detection: A 10-year multicenter survey. Journal of the American Academy of Dermatology, 2012, 67, 54-59.e1.	0.6	163
83	Systemic mastocytosis associated with chronic myelomonocytic leukemia and xanthogranuloma. Dermatology Practical and Conceptual, 2012, 2, 203a03.	0.5	2
84	A keratoacanthoma with venous invasion. Dermatology Practical and Conceptual, 2012, 2, 204a03.	0.5	8
85	Dermatoscopic pattern of spiradenoma. Dermatology Practical and Conceptual, 2012, 2, 39-40.	0.5	9
86	Dermatoscopy: What is your diagnosis?. Dermatology Practical and Conceptual, 2012, 2, 41-42.	0.5	0
87	Dermatoscopy: What is your diagnosis?. Dermatology Practical and Conceptual, 2012, 2, 51-52.	0.5	0
88	Dermatoscopy: What is your diagnosis?. Dermatology Practical and Conceptual, 2012, 2, 53-54.	0.5	1
89	Differentiation of pigmented Spitz nevi and Reed nevi by integration of dermatopathologic and dermatoscopic findings. Dermatology Practical and Conceptual, 2012, 2, 13-24.	0.5	4
90	Diagnostic accuracy of dermatoscopy for melanocytic and nonmelanocytic pigmented lesions. Journal of the American Academy of Dermatology, 2011, 64, 1068-1073.	0.6	161

#	Article	IF	Citations
91	Growth rate of melanoma in vivo and correlation with dermatoscopic and dermatopathologic findings. Dermatology Practical and Conceptual, 2011, 1, 59-67.	0.5	19
92	Dermatoscopy of pigmented Bowen's disease. Journal of the American Academy of Dermatology, 2010, 62, 597-604.	0.6	133
93	Dermoscopy and entomology (entomodermoscopy). JDDG - Journal of the German Society of Dermatology, 2009, 7, 589-596.	0.4	18
94	Dermatoskopie und Entomologie (Entomodermatoskopie). JDDG - Journal of the German Society of Dermatology, 2009, 7, 589-596.	0.4	20
95	Differentiation of pigmented Spitz nevi and Reed nevi by integration of dermatopathologic and dermatoscopic findings. Dermatology Practical and Conceptual, 0, , 13-24.	0.5	13
96	Growth rate of melanoma in vivo and correlation with dermatoscopic and dermatopathologic findings. Dermatology Practical and Conceptual, 0, , 56-67.	0.5	4