

# Julia Welzel

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

3,914  
citations

126708

33  
h-index

128067

60  
g-index

136  
all docs

136  
docs citations

136  
times ranked

2805  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Optical coherence tomography in dermatology: a review. <i>Skin Research and Technology</i> , 2001, 7, 1-9.  | 0.8 | 502       |
| 2  | Optical coherence tomography of the human skin. <i>Journal of the American Academy of Dermatology</i> , 1997, 37, 958-963.  | 0.6 | 393       |
| 3  | Optical coherence tomography in dermatology. <i>Journal of Biomedical Optics</i> , 2013, 18, 061224.  | 1.4 | 205       |
| 4  | Dynamic Optical Coherence Tomography in Dermatology. <i>Dermatology</i> , 2016, 232, 298-311.   | 0.9 | 174       |
| 5  | Clinical performance of the Nevisense system in cutaneous melanoma detection: an international, multicentre, prospective and blinded clinical trial on efficacy and safety. <i>British Journal of Dermatology</i> , 2014, 171, 1099-1107.   | 1.4 | 158       |
| 6  | Optical coherence tomography in contact dermatitis and psoriasis. <i>Archives of Dermatological Research</i> , 2003, 295, 50-55.  | 1.1 | 139       |
| 7  | The sensitivity and specificity of optical coherence tomography for the assisted diagnosis of nonpigmented basal cell carcinoma: an observational study. <i>British Journal of Dermatology</i> , 2015, 173, 428-435.  | 1.4 | 138       |
| 8  | Changes in function and morphology of normal human skin: evaluation using optical coherence tomography. <i>British Journal of Dermatology</i> , 2004, 150, 220-225.   | 1.4 | 117       |
| 9  | Clinical optical coherence tomography combined with multiphoton tomography of patients with skin diseases. <i>Journal of Biophotonics</i> , 2009, 2, 389-397.   | 1.1 | 102       |
| 10 | Confocal laser scanning microscopy as a new valuable tool in the diagnosis of onychomycosis – comparison of six diagnostic methods. <i>Mycoses</i> , 2013, 56, 47-55.   | 1.8 | 80        |
| 11 | Imaging Blood Vessel Morphology in Skin: Dynamic Optical Coherence Tomography as a Novel Potential Diagnostic Tool in Dermatology. <i>Dermatology and Therapy</i> , 2017, 7, 187-202.   | 1.4 | 80        |
| 12 | Influence of body water distribution on skin thickness: measurements using high-frequency ultrasound. <i>British Journal of Dermatology</i> , 2001, 144, 947-951.   | 1.4 | 77        |
| 13 | The influence of female sex hormones on skin thickness: evaluation using 20 MHz sonography. <i>British Journal of Dermatology</i> , 1998, 139, 462-467.   | 1.4 | 70        |
| 14 | S2k Guidelines for Cutaneous Basal Cell Carcinoma – Part 2: Treatment, Prevention and Follow-up. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 214-230.  | 0.4 | 57        |
| 15 | S3 guideline for actinic keratosis and cutaneous squamous cell carcinoma – short version, part 1: diagnosis, interventions for actinic keratoses, care structures and quality-of-care indicators. <i>JDDG - Journal of the German Society of Dermatology</i> , 2020, 18, 275-294. | 0.4 | 57        |
| 16 | Neonatal pemphigus vulgaris: IgG4 autoantibodies to desmoglein 3 induce skin blisters in newborns. <i>Journal of the American Academy of Dermatology</i> , 2003, 48, 623-625.   | 0.6 | 55        |
| 17 | Validation of Dynamic optical coherence tomography for non-invasive, in vivo microcirculation imaging of the skin. <i>Microvascular Research</i> , 2016, 107, 97-105.   | 1.1 | 55        |
| 18 | Line-field confocal optical coherence tomography – Practical applications in dermatology and comparison with established imaging methods. <i>Skin Research and Technology</i> , 2021, 27, 340-352.  | 0.8 | 53        |

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|----|---|-----|-----------|
| 19 | Evaluation of the atrophogenic potential of different glucocorticoids using optical coherence tomography, 20-MHz ultrasound and profilometry; a double-blind, placebo-controlled trial. <i>British Journal of Dermatology</i> , 2006, 155, 700-706.   | 1.4 | 50        |
| 20 | Skin permeability barrier and occlusion: no delay of repair in irritated human skin *. <i>Contact Dermatitis</i> , 1996, 35, 163-168.   | 0.8 | 47        |
| 21 | <i>In vivo</i> , micro-morphological vascular changes induced by topical brimonidine studied by Dynamic optical coherence tomography. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, 974-979.  | 1.3 | 47        |
| 22 | Optical coherence-gated imaging of biological tissues. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 1996, 2, 1029-1034.  | 1.9 | 45        |
| 23 | S2k Guidelines for Cutaneous Basal Cell Carcinoma – Part 1: Epidemiology, Genetics and Diagnosis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 94-103.  | 0.4 | 44        |
| 24 | Confocal laser scanning microscopy and optical coherence tomography for the evaluation of the kinetics and quantification of wound healing after fractional laser therapy. <i>Journal of the American Academy of Dermatology</i> , 2013, 69, e165-e173.   | 0.6 | 42        |
| 25 | Dynamic optical coherence tomography of skin blood vessels – proposed terminology and practical guidelines. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2018, 32, 152-155.  | 1.3 | 40        |
| 26 | Tropical Rat Mite Dermatitis: Case Report and Review. <i>Clinical Infectious Diseases</i> , 1998, 27, 1465-1469.  | 2.9 | 39        |
| 27 | S3 guideline for actinic keratosis and cutaneous squamous cell carcinoma (cSCC) – short version, part 2: epidemiology, surgical and systemic treatment of cSCC, follow-up, prevention and occupational disease. <i>JDDG - Journal of the German Society of Dermatology</i> , 2020, 18, 400-413. | 0.4 | 39        |
| 28 | Permanent makeup colorants may cause severe skin reactions. <i>Contact Dermatitis</i> , 2010, 63, 223-227.  | 0.8 | 38        |
| 29 | <i>In vivo</i> microvascular imaging of cutaneous actinic keratosis, Bowen's disease and squamous cell carcinoma using dynamic optical coherence tomography. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2017, 31, 1655-1662.                                       | 1.3 | 38        |
| 30 | Confocal laser scanning microscopy, optical coherence tomography and transonychia water loss for in vivo investigation of nails. <i>British Journal of Dermatology</i> , 2012, 166, 740-746.  | 1.4 | 37        |
| 31 | <i>In vivo</i> micro-angiography by means of speckle-variance optical coherence tomography (SV-OCT) is able to detect microscopic vascular changes in naevus to melanoma transition. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, e67-e68.                 | 1.3 | 37        |
| 32 | Optical coherence tomography for margin definition of basal cell carcinoma before micrographic surgery – recommendations regarding the marking and scanning technique. <i>Skin Research and Technology</i> , 2018, 24, 145-151.   | 0.8 | 37        |
| 33 | Line-field optical coherence tomography: <i>in vivo</i> diagnosis of basal cell carcinoma subtypes compared with histopathology. <i>Clinical and Experimental Dermatology</i> , 2021, 46, 1471-1481.  | 0.6 | 35        |
| 34 | Optical coherence tomography of basal cell carcinoma: influence of location, subtype, observer variability and image quality on diagnostic performance. <i>British Journal of Dermatology</i> , 2018, 178, 1102-1110.   | 1.4 | 34        |
| 35 | The vascular morphology of melanoma is related to Breslow index: An <i>in vivo</i> study with dynamic optical coherence tomography. <i>Experimental Dermatology</i> , 2018, 27, 1280-1286.  | 1.4 | 34        |
| 36 | Cardiomyopathic Lentiginosis/LEOPARD Syndrome Presenting as Sudden Cardiac Arrest. <i>Chest</i> , 1998, 113, 1415-1417.   | 0.4 | 32        |

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|----|---|-----|-----------|
| 37 | In vivo differentiation of common basal cell carcinoma subtypes by microvascular and structural imaging using dynamic optical coherence tomography. <i>Experimental Dermatology</i> , 2018, 27, 156-165.  | 1.4 | 32        |
| 38 | Successful therapy for pyoderma gangrenosum with a Janus kinase 2 inhibitor. <i>British Journal of Dermatology</i> , 2018, 179, 504-505.  | 1.4 | 30        |
| 39 | Optical Coherence Tomography of the Skin. , 1998, 26, 27-37.  |     | 28        |
| 40 | Optical coherence tomography of actinic keratoses and basal cell carcinomas – differentiation by quantification of signal intensity and layer thickness. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, 1321-1326.   | 1.3 | 27        |
| 41 | Line-Field Confocal Optical Coherence Tomography: A New Tool for the Differentiation between Nevi and Melanomas?. <i>Cancers</i> , 2022, 14, 1140.  | 1.7 | 25        |
| 42 | S2 – Leitlinie Basalzellkarzinom der Haut – Teil 1: Epidemiologie, Genetik und Diagnostik. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 94-104.   | 0.4 | 23        |
| 43 | Nichtinvasive Diagnostik in der Dermatologie. <i>JDDG - Journal of the German Society of Dermatology</i> , 2017, 15, 999-1017.  | 0.4 | 22        |
| 44 | Line-field confocal optical coherence tomography for the in vivo real-time diagnosis of different stages of keratinocyte skin cancer: a preliminary study. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, 2388-2397. | 1.3 | 22        |
| 45 | 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. <i>Cancers</i> , 2021, 13, 2856.  | 1.7 | 21        |
| 46 | Line-Field Confocal Optical Coherence Tomography Increases the Diagnostic Accuracy and Confidence for Basal Cell Carcinoma in Equivocal Lesions: A Prospective Study. <i>Cancers</i> , 2022, 14, 1082.  | 1.7 | 21        |
| 47 | SLS-irritated human skin shows no correlation between degree of proliferation and TEWL increase. <i>Archives of Dermatological Research</i> , 1998, 290, 615-620.   | 1.1 | 19        |
| 48 | Shining into the White. <i>Dermatologic Clinics</i> , 2016, 34, 459-467.  | 1.0 | 18        |
| 49 | SARS-CoV-2 infections in melanoma patients treated with PD-1 inhibitors: A survey of the German ADOREG melanoma registry. <i>European Journal of Cancer</i> , 2021, 144, 382-385.   | 1.3 | 18        |
| 50 | In vivo Imaging of <i>Sarcoptes scabiei</i> Infestation Using Optical Coherence Tomography. <i>Case Reports in Dermatology</i> , 2013, 5, 156-162.  | 0.3 | 17        |
| 51 | Comparison of different optical coherence tomography devices for diagnosis of non-melanoma skin cancer. <i>Skin Research and Technology</i> , 2016, 22, 395-405.  | 0.8 | 17        |
| 52 | Dynamic Optical Coherence Tomography Is a New Technique for Imaging Skin Around Lower Extremity Wounds. <i>International Journal of Lower Extremity Wounds</i> , 2019, 18, 65-74.   | 0.6 | 17        |
| 53 | Dynamic optical coherence tomography shows characteristic alterations of blood vessels in malignant melanoma. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, 1087-1093.  | 1.3 | 16        |
| 54 | Fluorescence (Multiwave) Confocal Microscopy. <i>Dermatologic Clinics</i> , 2016, 34, 527-533.  | 1.0 | 15        |

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|----|--|-----|-----------|
| 55 | Noninvasive diagnosis in dermatology. JDDG - Journal of the German Society of Dermatology, 2017, 15, 999-1016.   | 0.4 | 15        |
| 56 | 2021 international consensus statement on optical coherence tomography for basal cell carcinoma: image characteristics, terminology and educational needs. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 772-778.    | 1.3 | 15        |
| 57 | Diagnostics of autoimmune bullous diseases in German dermatology departments. JDDG - Journal of the German Society of Dermatology, 2012, 10, 492-499.  | 0.4 | 14        |
| 58 | Evaluation of two histological classifications for actinic keratoses â€“ <sup>PRO</sup> classification scored highest inter-rater reliability. Journal of the European Academy of Dermatology and Venereology, 2019, 33, 1092-1097.              | 1.3 | 14        |
| 59 | Salvage therapy after failure from anti-PD-1 single agent treatment: A Study by the German ADOReg melanoma registry.. Journal of Clinical Oncology, 2019, 37, 9505-9505.   | 0.8 | 12        |
| 60 | How long does protection last? â€“ <i>In vivo</i> fluorescence confocal laser scanning imaging for the evaluation of the kinetics of a topically applied lotion in an everyday setting. Skin Research and Technology, 2012, 18, 370-377.         | 0.8 | 11        |
| 61 | OCT in Dermatology. , 2015, , 2189-2207.   |     | 10        |
| 62 | Ultrahigh-resolution FDOCT system for dermatology. , 2005, , .   |     | 9         |
| 63 | White Globules in Melanocytic Neoplasms: In Vivo and Ex Vivo Characteristics. Dermatologic Surgery, 2012, 38, 128-132.   | 0.4 | 9         |
| 64 | OCT in Dermatology. Biological and Medical Physics Series, 2008, , 1103-1122.  | 0.3 | 9         |
| 65 | Optical coherence tomography provides an optical biopsy of burn wounds in childrenâ€“a pilot study. Journal of Biomedical Optics, 2018, 23, 1.   | 1.4 | 9         |
| 66 | MAPKinase inhibition after failure of immune checkpoint blockade in patients with advanced melanoma â€“ An evaluation of the multicenter prospective skin cancer registry ADOREG. European Journal of Cancer, 2022, 167, 32-41.                  | 1.3 | 9         |
| 67 | Microorganisms of the toe web and their importance for erysipelas of the leg. JDDG - Journal of the German Society of Dermatology, 2014, 12, 691-695.  | 0.4 | 8         |
| 68 | <title>In-vivo tissue measurements with optical low-coherence tomography</title>. , 1997, , .  |     | 7         |
| 69 | Relationship between transepidermal water loss and temperature of the measuring probe. Skin Research and Technology, 1997, 3, 73-80.   | 0.8 | 6         |
| 70 | Tumor Penetrative Depth Considers Both the Size of Sentinel Lymph Node Metastases and Their Location in Relation to the Nodal Capsule. Journal of Clinical Oncology, 2011, 29, 4843-4844.  | 0.8 | 6         |
| 71 | Reduction of telogen rate and increase of hair density in androgenetic alopecia by a cosmetic product: Results of a randomized, prospective, vehicle-controlled double-blind study in men. Journal of Cosmetic Dermatology, 2022, 21, 1057-1064. | 0.8 | 5         |
| 72 | Real-World Therapy with Pembrolizumab: Outcomes and Surrogate Endpoints for Predicting Survival in Advanced Melanoma Patients in Germany. Cancers, 2022, 14, 1804.   | 1.7 | 4         |

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|----|--|-----|-----------|
| 73 | Optical Coherence Tomography in Dermatology. , 2001, , 539-561.  |     | 3         |
| 74 | Cumulative Sum Analysis for the Learning Curve of Optical Coherence Tomography Assisted Diagnosis of Basal Cell Carcinoma. Acta Dermato-Venereologica, 2020, 100, adv00343.  | 0.6 | 3         |
| 75 | In-vivo diagnostic with optical coherence tomography: use in dermatology. , 1997, 2970, 299.   |     | 1         |
| 76 | Clinical optical coherence tomography combined with multiphoton tomography for evaluation of several skin disorders. Proceedings of SPIE, 2010, , .  | 0.8 | 1         |
| 77 | Solitäre Läsion an der Glans penis. JDDG - Journal of the German Society of Dermatology, 2015, 13, 703-705.  | 0.4 | 1         |
| 78 | Reflectance confocal microscopy: new micromorphological insights into inflammatory skin diseases. British Journal of Dermatology, 2016, 175, 239-240.  | 1.4 | 1         |
| 79 | EINSATZ DER OPTISCHEN KOHÄRENZTOMOGRAPHIE IN DER DERMATOLOGIE. Biomedizinische Technik, 2000, 45, 309-310.   | 0.9 | 0         |
| 80 | Commentary on C. Garbe et al.: "Histopathological diagnostics of malignant melanomas in accordance with the AJCC classification 2009: Revision of the literature and recommendations for general practice" JDDG - Journal of the German Society of Dermatology, 2012, 10, 203-204. | 0.4 | 0         |
| 81 | Rapidly metastasizing malignant melanoma characterized by a rare BRAF mutation not responding to vemurafenib. JDDG - Journal of the German Society of Dermatology, 2014, 12, 151-154.  | 0.4 | 0         |
| 82 | Solitary lesion on the glans penis. JDDG - Journal of the German Society of Dermatology, 2015, 13, 703-705.  | 0.4 | 0         |
| 83 | From actinic keratosis to squamous cell carcinoma " answers to some open questions. British Journal of Dermatology, 2019, 180, 699-700.  | 1.4 | 0         |
| 84 | Moderne biophysikalische Diagnostik. , 2000, , 27-31.  |     | 0         |
| 85 | Struktur und Funktion der Haut: Physiologie. , 2000, , 8-14.   |     | 0         |
| 86 | Sonographie der Haut und Subkutis einschließlich der Lymphknoten. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2003, , 494-505.  | 0.0 | 0         |
| 87 | Sonographie der Haut und Subkutis einschließlich subkutaner Lymphknoten. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2007, , 623-640.   | 0.0 | 0         |
| 88 | Neue diagnostische Methoden für die Dermatologie. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2009, , 540-551.  | 0.0 | 0         |
| 89 | Sonographie der Haut und Subkutis einschließlich subkutaner Lymphknoten. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2009, , 419-432.   | 0.0 | 0         |
| 90 | Hamamelis vs. dexpanthenol ointment in children. Focus on Alternative and Complementary Therapies, 0, 10, 59-59.   | 0.1 | 0         |

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|-----|---|-----|-----------|
| 91  | Andere bildgebende und funktionelle Verfahren. , 2012, , 77-82.   |     | 0         |
| 92  | Sonografie der Haut und Subkutis einschließlÄylich subkutaner Lymphknoten. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2013, , 560-566.      | 0.0 | 0         |
| 93  | Neue diagnostische und therapeutische Methoden. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2013, , 473-482.                                 | 0.0 | 0         |
| 94  | Neue diagnostische Methoden und apparative Therapien. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2013, , 329-332.                           | 0.0 | 0         |
| 95  | Clinical OCT Studies in Dermatology: Inflammatory Skin Diseases and Treatment Effects. , 1999, , .  |     | 0         |
| 96  | Andere bildgebende und funktionelle Verfahren. , 2018, , 77-83.   |     | 0         |
| 97  | OCT-Guided Laser Treatment and Surgery. , 2020, , 115-136.  |     | 0         |
| 98  | Other Skin Imaging Technologies. , 2020, , 1-7.   |     | 0         |
| 99  | Dynamic Effective Elasticity of Melanoma Cells under Shear and Elongational Flow Confirms Estimation from Force Spectroscopy. Biophysica, 2021, 1, 445-457. | 0.6 | 0         |
| 100 | Other Skin Imaging Technologies. , 2022, , 77-83.   |     | 0         |