Publikationsverzeichnis

Kumulativer Impact-Faktor[**]:	**169.8**
Kumulative Zitationen	**2373**
Median des SCI-Journal Citation Reports für das Fach Dermatologie	1.99

[*]in Medline gelistete Fachzeitschriften; der Impact-Faktor sowie Zitate sind für jede Publikation gesondert aufgeführt.

[**]Für die Berechnung des kumulativen Impact-Faktors wurde bei Erst- und Letztautorenschaft der Impact-Faktor der Zeitschrift, in der die Publikation erschienen ist, mit dem Faktor 1,0 multipliziert, bei Co-Autorenschaft an zweiter Position mit 0,5, Co-Autorenschaften an anderen Positionen wurden nicht berücksichtigt; dies gilt ebenso für Reviews als Erst- oder Letztautor. Fallberichte und Leserbriefe wurden in der Berechnung nicht berücksichtigt.

I. 1. Originalarbeiten in Medline-gelisteten Zeitschriften

1. **Sand M**, Ventriglia G, Hagnia M, Antonopolous A, Bernal-Sprekelsen M, Sudhoff H. Osteoclast stimulating and differentiating factors in human cholesteatoma. *Laryngoscope* 2003; 113: 436-442
   Impact Faktor: 2.096, Zitate: 60

2. Gambichler T, Moussa G, **Sand M,** Sand D, Orlikov A, Altmeyer P, Hoffmann K. Correlation between clinical scoring of allergic patch test reactions and optical coherence tomography.
   J Biomed Opt 2005; 10: 64030
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3. Gambichler T, Boms S, Stuecker M, Moussa G, Kreuter A, **Sand M,** Sand D, Altmeyer P, Hoffmann K. Acute Skin alterations following ultraviolet radiation investigated by optical coherence tomography and histology.
   Arch Dermatol Res 2005; 297: 218-225
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4. Gambichler T, Boms S, Stuecker M, **Sand M,** Moussa G, Altmeyer P, Hoffmann K. Comparison of histometric data obtained by optical coherence tomography and routine histology.
   J Biomed Opt 2005; 10: 44008
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5. Gambichler T, Kunzlberger B, Paech V, Kreuter A, Boms S, Bader A, Moussa G, **Sand M,** Altmeyer P, Hoffmann K. UVA1 and UVB irradiated skin investigated by optical coherence tomography in vivo: a preliminary study.
   Clin Exp Dermatol 2005; 30: 79-82
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6. **Sand M**, Gambichler T, Moussa G, Bechara FG, Sand D, Altmeyer P, Hoffmann K. Evaluation of the epidermal refractive index measured by optical coherence tomography.
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7. Bechara FG, **Sand M**, Moussa G, Altmeyer P, Hoffmann K. Erbium:YAG laser assisted preparation of a combined dermal / full-thickness sandwich skin graft. *Dermatol Surg* 2006; 32: 353-358
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8. Bechara FG, **Sand M**, Sand D, Stücker M, Altmeyer P, Hoffmann K. Lipolysis of lipomas in patients with familial multiple lipomatosis: An ultrasonography-controlled trial.
   J Cutan Med Surg 2006; 10: 155-159
   Impact Faktor: 0.822, Zitate: 32

9. Bechara FG, **Sand M**, Sand D, Altmeyer P, Hoffmann K. Surgical Treatment of Axillary Hyperhidrosis: A study comparing liposuction cannulas with a suction-curettage cannula.
   Ann Plast Surg 2006; 56: 654-657
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10. Gambichler T, Skrygan M, Huyn J, Bechara FG, **Sand M**, Altmeyer P, Kreuter A. Pattern of mRNA expression of beta-defensins in basal cell carcinoma.
    BMC Cancer 2006; 6: 163
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11. Gambichler T, Boms S, Stucker M, Kreuter A, Moussa G, **Sand M,** Altmeyer P, Hoffmann K. Epidermal thickness assessed by optical coherence tomography and routine histology: preliminary results of method comparison.
    J Eur Acad Dermatol Venereol 2006; 20: 791-795
    Impact Faktor: 3.309, Zitate: 48

12. **Sand M,** Bechara FG, Sand D, Altmeyer P, Hoffmann K. A randomised, controlled, double-blind study evaluating melanin-encapsulated liposomes as a chromophore for laser hair removal of blond, white, and gray hair.
    Ann Plast Surg 2007; 58: 551-554
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13. **Sand M,** Gelos M, Bechara FG, Sand D, Wiese TH, Steinstraesser L, Mann B. Epiploic appendagitis – clinical characteristics of an uncommon surgical diagnosis. *BMC Surg* 2007; 7: 11
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14. **Sand M**, Boorboor P, Sand D, Altmeyer P, Bechara FG. Bilateral cheek-to-nose advancement flap: An alternative to the paramedian forehead flap for reconstruction of the nose.
    Acta Chir Plast 2007; 3: 67-70
    Impact Faktor: 0, Zitate: 5

15. **Sand M**, Bechara FG, Sand D, Radenhausen M, Tomi NS, Altmeyer P, Hoffmann K. Extracorporal photopheresis as a treatment for patients with severe, refractory atopic dermatitis.
    Dermatology 2007; 215: 134-138
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16. Bechara FG, **Sand M**, Sand D, Altmeyer P, Hoffmann K. Skin cooling during botulinum toxin A injections in patients with focal axillary hyperhidrosis: A prospective, randomised controlled study.
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17. Bechara FG, **Sand M**, Sand D, Hoffmann K, Altmeyer P, Stücker M. Fat tissue after lipolysis of lipomas: A histopathological and immunhistochemical study.
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18. Bechara FG, **Sand M**, Achenbach RK, Sand D, Altmeyer P, Hoffmann K. Focal hyperhidrosis of the anal fold: Successful treatment with botulinum toxin A. *Dermatol Surg* 2007; 33: 924-927
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19. Bechara FG, Gambichler T, **Sand M**, Altmeyer P, Hoffmann K. Assessment of quality of life in patients with axillary hyperhidrosis before and after suction-curettage.
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20. Bechara FG, **Sand M**, Tomi NS, Altmeyer P, Hoffmann K. Repeat liposuction curettage is safe and effective.
Br J Dermatol 2007; 157: 739-743
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21. Bechara FG, **Sand M**, Sand D, Altmeyer P, Hoffmann K. Suction-Curettage as a surgical treatment of focal axillary hyperhidrosis: Recommendation for an aggressive approach.
Plast Reconstr Surg 2007; 119: 1390-1391
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22. Gambichler T, Moussa G, Regeneiter P, Kasseck C, Hofmann MR, Bechara FG, **Sand M**, Altmeyer P, Hoffmann K. Validation of optical coherence tomography in vivo using cryostat histology.
Phys Med Biol 2007 ; 52: 75-85
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23. Bechara FG, **Sand M**, Hoffmann K, Stucker M, Georgas D, Altmeyer P. Laser Doppler scanning study of axillary skin before and after liposuction-curettage in patients with focal hyperhidrosis.
Dermatology 2008; 216: 173-179
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24. Bechara FG, **Sand M**, Hoffmann K, Boorboor P, Altmeyer P, Stucker M. Histological and clinical findings in different surgical strategies for focal axillary hyperhidrosis.
Dermatol Surg 2008; 34: 1001-1009
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25. Bechara FG, **Sand M**, Hoffmann K, Altmeyer P. Aggressive shaving following combined liposuction and curretage for axillary hyperhidrosis lead to more complications without further benefit.
Dermatol Surg 2008; 34: 952-953
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26. Bechara FG, Gambichler T, Brockmeyer N, **Sand M**, Altmeyer P, Hoffmann K. Hyaluronic acid new formulation: experience in HIV-associated facial lipoatrophy. *Dermatology* 2008; 217: 244-249
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27. Gelos M, Gelhaus J, Mehnert P, Bonhag G, **Sand M,** Philippou S, Mann B. Factors influencing Lymph node harvest in colorectal surgery.
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28. **Sand M*,** Bechara FG*, Altmeyer P. *equal contribution; Characteristics of refractory sweating areas following minimally invasive surgery for axillary hyperhidrosis.
Aesthetic Plast Surg 2009; 33: 308-311
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29. **Sand M,** Bechara FG, Sand D, Mann B. Surgical and medical emergencies on board European aircraft: A retrospective study of 10189 cases.
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30. **Sand M,** Bechara FG, Holland-Letz T, Sand D, Mehnert G, Mann B. Diagnostic value of hyperbilirubinaemia as a predictive factor for appendiceal perforation in acute appendicitis.
Am J Surg 2009; 198: 193-198
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31. **Sand M,** Trullen XV, Bechara FG, Pala XF, Sand D, Landgrafe G, Mann B. A prospective bi-center study investigating the diagnostic value of procalcitonin in patients with acute appendicitis.
Eur Surg Res 2009; 43: 291-297
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32. Steinstraesser L, Hirsch T, Kesting M, Sorkin M, Rittig A, Slowicki A, Gevers K, **Sand M,** Langer S, Steinau HU, Jacobsen F. A human full skin culture system for interventional studies.
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33. **Sand M,** Gambichler T, Skrygan M, Sand D, Altmeyer P, Bechara FG. Expression levels of microRNA processing enzymes Drosha and Dicer in epithelial skin cancer. *Cancer Investigation* 2010; 28: 649-653
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34. **Sand M,** Gambichler T, Sand D, Altmeyer P, Stuecker M, Bechara FG. Immunhistochemical expression patterns of the microRNA processing enzyme Dicer in cutaneous malignant melanoma, benign and dysplastic melanocytic naevi.
Eur J Dermatol 2011; 21: 18-21
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36. **Sand M,** Bollenbach M, Sand D, Cirkel C, Thrandorf C, Lotz H, Altmeyer P, Bechara FG. Epidemiology of aeromedical evacuation: An analysis of 504 cases.
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37. **Sand M,** Gambichler T, Sand D, Thrandorf C, Altmeyer P, Bechara FG. Emergency medical kits on board commercial aircraft: a comparative study.
Travel Med Infect Dis 2010; 8: 388-394
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38. Bechara FG, Mannherz HG, Jacob M, Mazur AJ, **Sand M,** Altmeyer P, Hoffmann K. Induction of fat cell necrosis in human fat tissue after treatment with phosphatidylcholine and deoxycholate.
J Eur Acad Dermatol Venereol. 2012; 26:180-185
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39. **Sand M**[*]**,** Bechara FG[*], Skrygan M, Kreuter A, Altmeyer P, Gambichler T. [*]equal contribution; Acne inversa: evaluating antimicrobial peptides and proteins.
Annals of Dermatology. 2012; 24:393-397
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Molecular Carcinogenesis 2012; 51: 916-922
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41. **Sand M,** Skrygan M, Georgas D, Sand D, Gambichler T, Altmeyer P, Bechara FG. The miRNA machinery in cutaneous malignant melanoma, cutaneous malignant melanoma metastases and benign melanocytic nevi.
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44. **Sand M,** Skrygan M, Georgas D, Sand D, Hahn SA, Gambichler T, Altmeyer P, Bechara FG. Microarray analysis of microRNA expression in cutaneous squamous cell carcinoma.
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Cell Tissue Res. 2013; 351: 85-98
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46. Gambichler T, **Sand M,** Skrygan M. Loss of 5-hydroxymethylcytosine and ten-eleven translocation 2 protein expression in malignant melanoma.
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Nach der Habilitation:

47. Gambichler T, Plura I, Kampilafkos P, Valavanis K, **Sand M,** Bechara FG, Stücker M. Histopathological correlates of basal cell carcinoma in the slice and en face imaging modes of high-definition optical coherence tomography.
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49. **Sand M*,** Hessam S*, Georgas D, Kassa T, Bechara FG. *equal contribution; Scar hinge flap for inner lining reconstruction of full-thickness defects on the ala of the nose. *Rhinology.* 2015; 53: 167-170
Impact Faktor: 3.7, Zitate: 0

50. Hessam S, **Sand M,** Gambichler T, Bechara FG.
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68. Hessam S, Salem J, Bechara FG, Haferkamp A, Heidenreich A, Paffenholz P, **Sand M**, Tsaur I, Borgmann H. Hidradenitis suppurativa gains increasing interest on World Wide Web: a source for patient information? *Int J Dermatol* 2017; 56: 726-732
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69. Hessam S, **Sand M**, Lang K, Kaefferlein U, Scholl L, Gambichler T, Skrygan M, Bruening T, Stockfleth E, Bechara FG. Altered global 5-hydroxymethylation in hidradenitis suppurativa: support for an epigenetic background. *Dermatology* 2017; 233: 129-135
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71. Hessam S, **Sand M**, Gambichler T, Skrygan M, Rüddel I, Bechara FG. Interleukin-36 in hidradenitis suppurativa: Evidence for a distinctive pro-inflammatory role and key factor in the development of an inflammatory loop. *Br J Dermatol* 2018; 178: 761-767
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73. Hessam S, Gambichler T, Skrygan M, **Sand M**, Rüddel I, Scholl L, Bechara FG. Reduced ten-eleven translocation and isocitrate dehydrogenase expression in inflammatory hidradenitis suppurativa lesions. *Eur J Dermatol* 2018;
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74. Fank K Ritter C, Nghiem P, Blom A, Verhaegen ME, Dlugosz A, Odum N, Woetmann A, Tothill RW, Hicks RJ, **Sand M**, Schrama D, Schadendorf D, Ugurel S, Becker JC. Circulating cell-free miR-375 as surrogate marker of tumor burden in Merkel cell carcinoma. *Clin Cancer Res* 2018; 154: 330-335
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79. Hessam S, Gambichler T, Skrygan M, Scholl L, **Sand M**, Meyer T, Stockfleth E, Meyer T, Bechara FG. Increased expression profile of NCTSN, Notch, and PI3K/AT3 in hidradenitis suppurativa. *J Eur Acad Dermatol Venereol*. 2021; 35: 203-210.
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80. El Abbadi S, Susok L, Stockfleth H, Bechara FG, Gambichler T, Herbrandt S, Goldschmidtböing L, **Sand M**. Comparison of the Skin Cancer Quality of Life Impact Tool and the Skin Cancer Index Questionnaire in Measurement of Health-Related Quality of Life and the Effect of Patient Education Brochures in Patients with Actinic-Keratosis, Non-melanoma Skin Cancer, and Cutaneous Melanoma. *Dermatol Thera*p. 2021; 11: 929-940.
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81. Nawrocka PM, Galka-Marciniak P, Urbanek-Trzeciak MO, M-Thirusenthilarasan I, SzostakN, Philips A, Susok L, **Sand M**, Kozlowski P. Profile of Basal Cell Carcinoma Mutations and Copy Number Alterations – Focus on Gene-Associated Variants. *Front Oncology.* 2021: 11: 752579.
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I. 2. Fallberichte in Medline-gelisteten Zeitschriften

1. **Sand M**, Bechara FG, Moussa G, Sand D, Stücker M, Altmeyer P, Hoffmann K, Rotterdam S. Polyglandular autoimmune syndrome associated with pigmented basal cell carcinoma.
J Dermatol 2005; 32: 1044-1047
Impact Faktor: 1.355, Zitate: 5

2. Bechara FG, **Sand M,** Moussa G, Sand D, Altmeyer P, Hoffmann K, Schmidt J. Treatment of unilateral compensatory sweating after endoscopical thoracic sympathectomy (ETS) for general hyperhidrosis with botulinum toxin A.
Dermatol Surg 2006; 32: 745-748
Impact Faktor: 2.264 , Zitate: 11

3. **Sand M,** Bechara FG, Scholz M, Altmeyer P, Hoffmann K, Sand D. A case of regressive cholesteatoma mimicking an ordinary pilar cyst.
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4. **Sand M,** Gelos M, Sand D, Bechara FG, Bonhag G, Welsing E, Mann B. Serum calcitonin negative medullary thyroid carcinoma.
World J Surg Oncol 2006; 4: 97
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5. Bechara FG, **Sand M,** Sand D, Altmeyer P, Hoffmann K. Bilateral seroma after suction-curettage for axillary hyperhidrosis in a trans-axillary breast augmented patient.
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6. **Sand M,** Sand D, Boorboor P, Mann B, Altmeyer P, Hoffmann K, Bechara FG. Combination of surgical excision and custom designed silicon pressure splint therapy for keloids on the helical rim.
Head Face Med 2007; 3: 14
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7. **Sand M,** Uecker S, Bechara FG, Gelos M, Sand D, Wiese TH, Mann B. Simultaneous ectopic adrenocorticotropic hormone syndrome and adrenal metastasis of a medullary thyroid carcinoma causing paraneoplastic Cushing's syndrome.
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Nicht vorhanden

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5. Vogt M, Moussa G, **Sand M**, Grünendick T, Hoffmann K, Altmeyer P, Ermert H. Skin imaging with high frequency ultrasound in the 20 MHz and 100 MHz range: imaging properties and clinical results. *11. Tag der Biomedizinischen Technik, Kompetenzzentrum Medizintechnik Ruhr (KMR), Ruhr-Universität*, Bochum 2004

6. Moussa G, **Sand M**, Vogt M, Ermert H, Grünendick T, Hoffmann K, Altmeyer P. Multimodale Abbildung des Basalzellkarzinoms mit Optischer Kohärenz Tomographie (OCT) und hochfrequentem Ultraschall: Ergebnisse einer klinischen Studie. *11. Tag der Biomedizinischen Technik, Kompetenzzentrum Medizintechnik Ruhr (KMR), Ruhr-Universität*, Bochum 2004

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I. 7. Buchbeiträge

1. Diabetologie kompakt, Grundlagen und Praxis, 4., akt. Aufl.2006, Thieme Verlag, Schatz (Hrsg.), Kapitel 8.9
   S. Zimny, K. Hoffmann, ***M. Sand***
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   M. Vogt, R. Scharenberg, G. Moussa, ***M. Sand****, K. Hoffmann, P. Altmeyer, H. Ermert* A New High Frequency Ultrasound Skin Imaging System: Imaging Properties and Clinical In Vivo Results

3. MicroRNAs in malignant tumors of the skin - First steps of tiny players in the skin to a new world of genomic medicine, 1. Aufl. 2016, Springer Verlag,
   M. Sand

I. 8. Vorträge

07.12.2005..... 12. Tag der Biomedizinischen Technik, Kompetenzzentrum Medizintechnik Ruhr, Ruhr-Universität Bochum
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