

Gesamtliteraturliste Hiller

- Adler BL, DeLeo VA: Sunscreen safety: a review of recent studies on humans and the environment. *Curr Derm Rep*, 2020. <https://doi.org/10.1007/s13671-020-00284-4>.
- Armstrong BK, Kricger A: The epidemiology of UV induced skin cancer. *J Photochem Photobiol B* 2001; 63: 8–18.
- Autier P et al.: Quantity of sunscreen used by European students. *Br J Dermatol* 2001; 144: 288–291.
- Bens G: Sunscreens. *Adv Exp Med Biol* 2014; 810: 429–463.
- BfS (Bundesamt für Strahlenschutz): Optische Strahlung: Was ist UV-Strahlung? Salzgitter: Bundesamt für Strahlenschutz; 2019 (updated 17.05.2019). Available from: http://www.bfs.de/DE/themen/opt/uv/einfuehrung/einfuehrung_node.html (zuletzt besucht: 21.02.2020).
- BfS (Bundesamt für Strahlenschutz): UV-Index. Salzgitter: Bundesamt für Strahlenschutz. Available from: https://www.bfs.de/DE/themen/opt/uv/uv-index/uv-index_node.html (zuletzt besucht: 21.02.2020).
- COLIPA (European Cosmetics Association): Guidelines for monitoring UV radiation sources. COLIPA Guideline, 2007.
- COLIPA (European Cosmetics Association): International Sun Protection Factor (SPF) Test Method. COLIPA Guideline, 2006.
- COLIPA (European Cosmetics Association): Method for the in vitro determination of UVA protection provided by sunscreen products. COLIPA Guideline, 2009.
- de Grujil FR: Photocarcinogenesis: UVA vs. UVB radiation. *Skin Pharmacol Appl Skin Physiol* 2002; 15: 316–320.
- DGUV: Protect UV 5103. Projekt-Nr. FF-FB 0278. <https://www.dguv.de/ifa/forschung/projektverzeichnis/ff-fb0278.jsp> (zuletzt besucht: 21.02.2020).
- El Ghissassi F et al.: WHO International Agency for Research on Cancer Monograph Working Group. A review of human carcinogens – part D: radiation. *Lancet Oncol* 2009; 10: 751–752.
- Europäische Union (EU) (2009): Verordnung EG Nr. 1223/2009 des europäischen Parlaments und des Rates vom 30. November 2009 über kosmetische Mittel. Amtsblatt der Europäischen Union vom 22.12.2009. Heft Nr. L342, S. 59–209. Annex VI zuletzt aktualisiert: 23.01.2020.
- Faurschou A, Wulf HC: The relation between sun protection factor and amount of sunscreen applied in vivo. *Br J Dermatol* 2007; 156: 716–719.
- FDA (US Food and Drug Administration): Nonprescription sunscreen drug products – safety and effectiveness data; Guidance for Industry; Availability. *Fed Regist* 2016; 81: 84594–84595.
- Fitzpatrick TB: The validity and practicality of sun-reactive skin types I through VI. *Arch Dermatol* 1988; 124: 869–871.
- Hiller J et al.: Systemic availability of lipophilic organic UV filters through dermal sunscreen exposure. *Environ Int* 2019; 132: 105068. Epub 2019 Aug 27.
- Hiller J et al.: Toxicokinetics of urinary 2-ethylhexyl salicylate and its metabolite 2-ethyl-hydroxyhexyl salicylate in humans after simulating real-life dermal sunscreen exposure. *Arch Toxicol* 2019; 93: 2565-2574. Epub 2019 Aug 22.
- IARC Working Group on the Evaluation of Carcinogenic Risks to Humans, IARC monographs on the evaluation of carcinogenic risks to humans: A review of human carcinogens: Radiation 2012; 100D.
- ICNIRP: Proceedings Third International Non-Ionizing Radiation Workshop. Matthes R (ed.). Baden, Austria. 1996.
- ISO 24444:2010 Cosmetics – Sun Protection Test Methods – In vivo Determination of the Sun Protection Factor (SPF). Geneva, Switzerland, International Organization for Standardization. 2010.
- Leitlinienprogramm Onkologie (Deutsche Krebsgesellschaft DK, AWMF). S3-Leitlinie: Prävention von Hautkrebs, Langversion: Leitlinienprogramm Onkologie (Deutsche Krebsgesellschaft, Deutsche Krebshilfe, AWMF); 2014. AWMF Registernummer: 032/52OL]. Available from: <http://leitlinienprogramm-onkologie.de/Leitlinien.7.0.html> (abgerufen am: 21.02.2020).
- Leitlinienprogramm Onkologie (Deutsche Krebsgesellschaft, Deutsche Krebshilfe, AWMF): S3-Leitlinie Aktinische Keratose und Plattenepithelkarzinom der Haut, Langversion 1.0, 2019, AWMF Registernummer: 032/022OL, <https://www.leitlinienprogramm-onkologie.de/leitlinien/aktinische-keratosen-und-plattenepithelkarzinom-der-haut/> (abgerufen am: 21.02.2020).
- Lin JS, Eder M, Weinmann S: Behavioral counseling to prevent skin cancer: a systematic review for the U.S. Preventive Services Task Force. *Ann Intern Med* 2011; 154: 190–201.
- Mancuso JB et al.: Sunscreens: An Update. *Am J Clin Dermatol* 2017; 18: 643–650.
- Matta MK et al.: Effect of Sunscreen application under maximal use conditions on plasma concentration of sunscreen active ingredients: a randomized clinical trial. *JAMA* 2019; 321: 2082–2091.
- Matts PJ et al.: The COLIPA in vitro UVA method: a standard and reproducible measure of sunscreen UVA protection. *Int J Cosmet Sci* 2010; 32: 35-46.
- Neale R, Williams G, Green A: Application patterns among participants randomized to daily sunscreen use in a skin cancer prevention trial. *Arch Dermatol* 2002; 138: 1319–1325.
- Petersen B, Wulf HC: Application of sunscreen – theory and reality. *Photodermatol Photoimmunol Photomed* 2014; 30: 96–101.
- Schneider SL, Lim HW: A review of inorganic UV filters zinc oxide and titanium dioxide. *Photodermatol Photoimmunol Photomed* 2019; 35: 442–446.
- Schmitt J, Seidler A, Diepgen TL, Bauer A: Occupational ultraviolet light exposure increases the risk for the development of cutaneous squamous cell carcinoma: a systematic review and meta-analysis. *Br J Dermatol* 2011; 164: 291–307.
- Scientific Committee on Consumer Safety: SCCS Notes of Guidance for the Testing of Cosmetic Ingredients and their Safety Evaluation 10th revision. Luxembourg: Scientific Committee on Consumer Safety; 2018. Report No.: SCCS/1602/18.
- Silva ESD et al.: Use of sunscreen and risk of melanoma and non-melanoma skin cancer: a systematic review and meta-analysis. *Eur J Dermatol* 2018; 28: 186–201.
- Strunk M, Lahn V, John SM: Applikationsmengen von Sonnenschutzmitteln: Wie sieht es in der Praxis aus? 14. Tagung der

Arbeitsgemeinschaft für Berufs- und Umweltdermatologie (ABD). Erlangen, 2017.

Thompson SC, Jolley D, Marks R: Reduction of solar keratoses by regular sunscreen use. N Engl J Med 1993; 329: 1147–1151.

Young AR, Claveau J, Rossi AB: Ultraviolet radiation and the skin: Photobiology and sunscreen photoprotection. J Am Acad Dermatol 2017; 76: S100–S109.