

6. Literatur

1. Abraham W, Downing DT.
Preparation of model membranes for skin permeability studies using stratum corneum lipids.
J Invest Dermatol. 1989 Dec;93(6):809-13
2. Ananthaswamy HN, Pierceall WE.
Molecular mechanisms of ultraviolet radiation carcinogenesis.
Photochem Photobiol. 1990 Dec;52(6):1119-36. Review
3. Anderson RR, Parrish JA.
The optics of human skin.
J Invest Dermatol. 1981 Jul;77(1):13-9
4. Anderson RR, Parrish JA.
Optical properties of human skin.
In: Reagan JD, Parrish JA (eds).
The science of Photomedicine.
New York: Plenum Press; 1982:147-194
5. Andreassi JL.
Human behavior and physiological response.
New York, Oxford: Oxford University Press; 1980:174-179
6. Baartz FJ.
Die Hautwasserabgabe des Menschen unter extremen Umweltbedingungen.
In: Meteorologische Abhandlungen, Serie A, Bd. 9 / Heft 2.
Berlin: Verlag von Dietrich Reimer; 1996:21-87

7. Balljuzek MF, Romanenko NY, Morozova SI, Manova EA, Samoilova KA, Vologdina AV.

Changes in some functional and biochemical parameters of the circulationng human blood after percutaneous application of visible polarized light at a therapeutic dose.

7th International Congress of European Medical Laser Association, Dubrovnik, Croatia, June 2000

8. Bauwens K.

Untersuchungen zur Wasserdurchlässigkeit der Haut. Inaugural-Dissertation zur Erlangung der Medizinischen Doktorwürde.

Berlin: Institut für Physiologie der Freien Universität Berlin; 1994:43-62

9. Bazso E, Varju S, Szego P, Roza K, Apai P.

Application of incoherent wide band polarised light to promote healing of wounds.

Budapest: Central Research Institute for Physics; 1982

10. Bettley FR, Grice KA.

A method for measuring the transepidermal water loss and a means of inactivating sweat glands.

Br J Dermatol. 1965 Dec;77(12):627-38

11. Bini G, Hagbarth KE, Hynnen P, Wallin BG.

Thermoregulatory and rhythm-generating mechanisms governing the sudomotor and vasoconstrictor outflow in human cutaneous nerves.

J Physiol. 1980 Sep;306:537-52

12. Blank IH, Moloney J 3rd, Emslie AG, Simon I, Apt C.

The diffusion of water across the stratum corneum as a function of its water content.

J Invest Dermatol. 1984 Feb;82(2):188-94

13. Bleichert A, Behling K, Kitzing J, Scarperi M, Scarperi S.
Ein analoges Modell der Thermoregulation bei Ruhe und Arbeit.
Int Z Angew Physiol. 1972;30(3):193-206
14. Booker JM, Hellekson CJ.
Prevalence of seasonal affective disorder in Alaska.
Am J Psychiatry. 1992 Sep;149(9):1176-82
15. Boschmann M, Rosenbaum M, Leibel RL, Segal KR.
Metabolic and hemodynamic responses to exercise in subcutaneous adipose tissue and skeletal muscle.
Int J Sports Med. 2002 Nov;23(8):537-43
16. Brosseau L, Welch V, Wells G, Tugwell P, de Bie R, Gam A, Harman K, Shea B, Morin M.
Low level laser therapy for osteoarthritis and rheumatoid arthritis: a metaanalysis.
J Rheumatol. 2000 Aug;27(8):1961-9
17. Brumberg JC.
Firing pattern modulation by oscillatory input in supragranular pyramidal neurons.
Neuroscience. 2002;114(1):239-46
18. Büttner K.
Wärmeübertragung durch Leitung und Konvektion, Verdunstung und Strahlung in Bioklimatologie und Meteorologie.
Veröffentlichungen des Preussischen Meteorologischen Instituts.
Berlin, Heidelberg, New York: Springer Verlag; 1934:18-24
19. Burch GE, Windsor T.
Rate of insensible perspiration (diffusion of water) locally through living and through dead human skin.
Arch Intern Med. 1944;74:437-444

20. Castro-e-Silva O Jr, Zucoloto S, Marcassa LG, Marcassa J, Kurachi C, Melo CA, Ramalho FS, Ramalho LN, Bagnato VS.
Spectral response for laser enhancement in hepatic regeneration for hepatectomized rats.
Lasers Surg Med. 2003;32(1):50-3.
21. Chegini N.
The role of growth factors in peritoneal healing: transforming growth factor beta (TGF-beta).
Eur J Surg Suppl. 1997;(577):17-23. Review.
22. Cremer RJ, Perryman PW, Richards DH.
Influence of light on the hyperbilirubinaemia of infants.
Lancet. 1958;24:1094-1097
23. Cook DI, Lingard JM, Wegman E, Young JA.
Ernährung, Energiehaushalt und Stoffwechsel.
In: Klinke R, Silbernagl S (eds).
Lehrbuch der Physiologie.
Stuttgart: Thieme Verlag; 1994:357-371
24. Czernicki J, Radziszewski K, Talar J.
[Effect of laser biostimulation on leg blood flow in the course of arteriosclerosis]
Pol Tyg Lek. 1994 Apr 18-25;49(16-17):363-5. Polish
25. De Scheerder IK, Wang K, Zhou XR, Szilard M, Verbeken E, Ping QB, Yanming H, Jianhua H, Nikolaychik V, Moses JW, Kipshidze N, Van de Werf F.
Optimal dosing of intravascular low-power red laser light as an adjunct to coronary stent implantation: insights from a porcine coronary stent model.
J Clin Laser Med Surg. 2001 Oct;19(5):261-5

26. de Castro e Silva Junior O, Zucoloto S, Menegazzo LA, Granato RG, Marcassa LG, Bagnato VS.
Laser enhancement in hepatic regeneration for partially hepatectomized rats.
Lasers Surg Med. 2001;29(1):73-7
27. Dinarello CA.
Interleukin 1.
1998;8(4):253-265. Review
28. Dodt C, Gunnarsson T, Elam M, Karlsson T, Wallin BG.
Central blood volume influences sympathetic sudomotor nerve traffic in warm humans.
Acta Physiol Scand. 1995 Sep;155(1):41-51
29. Downing DT, Stewart ME, Wertz PW, Colton SW, Abraham W, Strauss JS.
Skin lipids: an update.
J Invest Dermatol. 1987 Mar;88(3 Suppl):2s-6s
30. Endres L, Breit R.
Physikalische Grundlagen, Lichtquellen, Dosimetrie.
In: Krutmann J, Höningmann H (eds).
Handbuch der dermatologischen Phototherapie und Photodiagnostik.
Berlin, Heidelberg: Springer Verlag; 1997:4-43
31. Feldman M.
Zellkooperation bei der Antikörperantwort.
In: Roitt IM, Brostoff J, Male DK (eds).
Kurzes Lehrbuch der Immunologie, 3. neubearb Aufl.
Harabacz, I -Dt Übers-
Stuttgart; New York: Thieme Verlag; 1995:89-103
32. Fenyo M.
Theoretical and experimental basis of biostimulation.
Optics and Laser Technology. 1984;16:209–15

33. Fenyo M, Mandl J, Falus A.
Opposite effect of linearly polarized light on biosynthesis of interleukin-6 in a human B lymphoid cell line and peripheral human monocytes.
Cell Biol Int. 2002;26(3):265-9
34. Fortney SM, Nadel ER, Wenger CB, Bove JR.
Effect of acute alterations of blood volume on circulatory performance in humans.
J Appl Physiol. 1981 Feb;50(2):292-8
35. Frercks HJ, Renz-Polster H.
Stoffwechsel.
In: Braun J, Renz-Polster H (eds).
Basislehrbuch Innere Medizin, 2. korrigierte Aufl.
München, Jena: Urban & Fischer Verlag; 2001:768-839
36. Gabrielsen A, Norsk P, Videbaek R, Henriksen O.
Effect of microgravity on forearm subcutaneous vascular resistance in humans.
J Appl Physiol. 1995 Aug;79(2):434-8
37. Gauldie J, Richards C, Baumann H.
IL6 and the acute phase reaction.
Res Immunol. 1992 Sep;143(7):755-9. Review
38. Gerthsen C, Vogel H.
Physik, 18. völlig neubearb Aufl.
Berlin, Heidelberg, New York: Springer Verlag; 1995:513-564

39. Ghaddar NK.
Natural convection heat tranfer between a uniformly heated cylindrical element and ist rectangular enclosure.
Int J Heat Mass Transfer. 1992;35:2327-2334
40. Glazanova TV, Pavlova IE, Bubnova LN, Samoilova KA, Zhevago NA, Obolenskaya KD.
Modulation of the membrane phenotype in circulating blood lymphocytes after single and course exposures of volunteers to visible polychromatic polarized light.
28th Annual American Society for Photobiology Meeting, San Francisco, USA, July 2000
41. Greifeld K.
Einführung in die Medizinethnologie.
In: Pfleiderer, B.
Ritual und Heilung: Eine Einführung in die Ethnomedizin
2. vollst. überarb. und erw. Neuaufl. Berlin: Dietrich Reimer Verlag; 1995:11-31
42. Grice K, Bettley FR.
The effect of skin temperature and vascular change on the rate of transepidermal water loss.
Br J Dermatol. 1967 Nov;79(11):582-8
43. Grice K, Sattar H, Sharratt M, Baker H.
Skin temperature and transepidermal water loss.
J Invest Dermatol. 1971 Aug;57(2):108-10
44. Grice K, Sattar H, Baker H.
The effect of ambient humidity on transepidermal water loss.
J Invest Dermatol. 1972 Jun;58(6):343-6

45. Grice K.
Transepidermal water loss.
In: Jarret A, ed.
The Physiology and Pathophysiology of the Skin.
Vol. 6, London: Academic Press; 1980:2115-2146
46. Gunga HC, Kirsch K, Baartz F, Steiner HJ, Wittels P, Rocker L.
Fluid distribution and tissue thickness changes in 29 men during 1 week at moderate altitude (2,315 m).
Eur J Appl Physiol Occup Physiol. 1995;70(1):1-5
47. Gunga HC, Fries D, Humpeler E, Kirsch K, Boldt LE, Koralewski E, Johannes B, Klingler A, Mittermayr M, Rocker L, Yaban B, Behn C, Jelkmann W, Schobersberger W.
Austrian Moderate Altitude Study (AMAS 2000) - fluid shifts, erythropoiesis, and angiogenesis in patients with metabolic syndrome at moderate altitude (congruent with 1700 m).
Eur J Appl Physiol. 2003 Feb;88(6):497-505
48. Haina D, Landthaler M, Braun-Falco O, Waidelich W.
Comparison of the maximum coagulation depth in human skin for different types of medical lasers.
Lasers Surg Med. 1987;7(4):355-62
49. Harrison MH, Edwards RJ, Fennessy PA.
Intravascular volume and tonicity as factors in the regulation of body temperature.
J Appl Physiol. 1978 Jan;44(1):69-75
50. Hattingh J.
The influence of skin temperature, environmental temperature and relative humidity on transepidermal water loss.
Acta Derm Venereol. 1972;52(6):438-40

51. Heising M, Werner J.
 Influences of overall thermal balance on local inputs for drive of evaporation in men.
J Appl Physiol. 1987 Mar;62(3):926-31
52. Hempleman HV, Florio JT, Garrard MP, Harris DJ, Hayes PA, Hennessy TR, Nichols G, Torok Z, Winsborough MM.
 U.K. deep diving trials.
Philos Trans R Soc Lond B Biol Sci. 1984 Jan 7;304(1118):119-41
53. Jährig K, Jährig D, Meisel P.
 Phototherapie. Lichtbehandlung des Neugeborenenikterus.
 München: Quintessenz Verlag; 1992
54. Jessen C.
 Temperaturregulation und Wärmehaushalt.
 In: Klinke R, Silbernagl S, eds.
 Lehrbuch der Physiologie.
 Stuttgart: Thieme Verlag; 1994:373-385
55. Johnson JM, Niederberger M, Rowell LB, Eisman MM, Brengelmann GL.
 Competition between cutaneous vasodilator and vasoconstrictor reflexes in man.
J Appl Physiol. 1973 Dec;35(6):798-803
56. Kandjov IM.
 Heat and water rate transfer processes in the human respiratory tract at various altitudes.
J Theor Biol. 2001 Feb;208(3):287-93.
57. Johnson JM, Rowell LB, Niederberger M, Eisman MM.
 Human splanchnic and forearm vasoconstrictor responses to reductions of right atrial and aortic pressures.
Circ Res. 1974 Apr;34(4):515-24

58. Karu T.

Primary and secondary mechanisms of action of visible to near-IR radiation on cells.

J Photochem Photobiol B. 1999 Mar;49(1):1-17. Review

59. Karu TI, Pyatibrat LV, Kalendo GS.

Cell attachment to extracellular matrices is modulated by pulsed radiation at 820 nm and chemicals that modify the activity of enzymes in the plasma membrane.

Lasers Surg Med. 2001;29(3):274-81

60. Kaufmann W, Thauer R, Zöllner G.

Der insensible Gewichtsverlust als Funktion der Umweltbedingungen. Der Wasserdampfdruck der Hautoberfläche und die Wasserdurchgangszahl der Haut in Abhängigkeit von Temperatur und Wasserdampfdruck der umgebenden Luft im thermoindifferenten Bereich.

Pflüg. Archiv. 1955;261:189-198

61. Kaufmann H, Biaggioni I, Voustianiouk A, Diedrich A, Costa F, Clarke R, Gizzi M, Raphan T, Cohen B.

Vestibular control of sympathetic activity. An otolith-sympathetic reflex in humans.

Exp Brain Res. 2002 Apr;143(4):463-9

62. Kirsch K.

Pathophysiologie des interstitiellen Raumes.

In: Riger H, Schopp W (eds).

Klinische Angiologie.

Berlin, Heidelberg, New York: Springer; 1998:755-762

63. Kligman AM.
The uses of sebum.
Br. Dermatol. 1963;75:307-319
64. Kligman AM.
The biology of the stratum corneum.
In: Montagna W, Lobitz WC (eds).
The Epidermis.
New York, London: Academic Press; 1964:387-433
65. Kochevar IE, Pathak MA, Parrish JA.
Photophysics, photochemistry and photobiology.
In: Fitzpatrick TB, Eisen AZ, Wolff K (eds).
Dermatology in General Medicine.
New York: Mc Graw-Hill; 1987:1441-1451
66. Kochevar IE.
Basic principles in photomedicine and photochemistry.
In: Lin HW, Soter NA (eds).
Clinical Photomedicine.
New York: Marcel Dekker publishing house; 1992:85-101
67. Kubasova T, Fenyo M, Somosy Z, Gazso L, Kertesz I.
Investigations on biological effect of polarized light.
Photochem Photobiol. 1988 Oct;48(4):505-9
68. Kubasova T, Horvath M, Kocsis K, Fenyo M.
Effect of visible light on some cellular and immune parameters.
Immunol Cell Biol. 1995 Jun;73(3):239-44
69. Kunimoto M, Kirno K, Elam M, Wallin BG.
Neuroeffector characteristics of sweat glands in the human hand activated by regular neural stimuli.
J Physiol. 1991 Oct;442:391-411

70. Kuno Y.
Human perspiration.
Springfield: C.C. Thomas Publ.; 1956
71. Kubasova T, Horvath M, Kocsis K, Fenyo M.
Effect of visible light on some cellular and immune parameters.
Immunol Cell Biol. 1995 Jun;73(3):239-44
72. Kuypers BR, Cotton DW.
Conditioning of sweating. A preliminary report.
Br J Dermatol. 1972 Aug;87(2):154-60
73. Labbe RF, Skogerboe KJ, Davis HA, Rettmer RL.
Laser photobioactivation mechanisms: in vitro studies using ascorbic acid uptake and hydroxyproline formation as biochemical markers of irradiation response.
Lasers Surg Med. 1990;10(2):201-7
74. Landy D.
Culture, Disease and Healing: Studies in Medical Anthropology.
New York, London: Collier – Macmillan; 1977:131
75. Lamke LO.
An instrument for estimating evaporation from small skin surfaces.
Scand J Plast Reconstr Surg. 1970;4(1):1-7
76. Liebermann J.
Light medicine of the future.
Santa Fe: Bear and Company Publishing; 1991

77. Lippross O.

Die Anwendung physikalisch-therapeutischer Behandlungsverfahren im Blickfeld der Gewebsthermometrie.

In: Lampert H (ed).

Ergebn. Phys.-diät. Ther., Bd. 4.

Dresden, Leipzig: Steinkopf; 1951

78. Lotte C, Rougier A, Wilson DR, Maibach HI.

In vivo relationship between transepidermal water loss and percutaneous penetration of some organic compounds in man: effect of anatomic site.

Arch Dermatol Res 1987;279(5):351-6

79. Lucey JF.

Neonatal jaundice and phototherapy.

Pediatr Clin North Am. 1972 Nov;19(4):827-39. Review

80. Mano Y, Nakamuro T, Takayanagi T, Mayer RF.

Sweat function in Parkinson's disease.

J Neurol. 1994 Oct;241(10):573-6

81. Male D.

Zellmigration und Entzündung.

In: Roitt IM, Brostoff J, Male DK (eds).

Kurzes Lehrbuch der Immunologie, 3. neubearb Aufl.

Harabacz, I -Dt Übers-

Stuttgart; New York: Thieme Verlag; 1995:174-181

82. Matoltsy AG, Downes AM, Sweeney TM.

Studies of the epidermal water barrier. II. Investigation of the chemical nature of the water barrier.

J Invest Dermatol. 1968 Jan;50(1):19-26

83. Mathias CG, Wilson DM, Maibach HI.
Transepidermal water loss as a function of skin surface temperature.
J Invest Dermatol. 1981 Aug;77(2):219-20
84. Mc Donald SF.
Effect of visible light waves on arthritis pain. A controlled study.
Int J of Biosocial Research. 1982;3:49-54
85. Medenica L, Lens M.
The use of polarised polychromatic non-coherent light alone as a therapy for venous leg ulceration.
J Wound Care. 2003 Jan;12(1):37-40
86. Meffert HI, Hecht HC, Gunther H.
Biophysikalische Ergebnisse des klinischen Tests der IRA-Therm-Hyperthermietechnik der zweiten Generation.
Thermo Med. 1990;6:683-686
87. Meffert H, Buchholtz I, Brenke A.
Milde IR-A-Hyperthermie zur Behandlung der systemischen Sklerodermie.
Dermatol Monatsschr. 1990;176(11):683-6
88. Meffert B, Hochmuth O, Steiner M, Scherf HP, Meffert H.
Effects of a multiple mild infra-red-A induced hyperthermia on central and peripheral pulse waves in hypertensive patients.
Med Biol Eng Comput. 1991 Nov;29(6):NS45-8
89. Mester E, Spiry T, Szende B, Tota JG.
Effect of laser rays on wound healing.
Am J Surg. 1971 Oct;122(4):532-5
90. Mester E, Mester AF, Mester A.
The biomedical effects of laser application.
Lasers Surg Med. 1985;5(1):31-9

91. Miheev MA, Miheeva IM.
Osnovy teploperedatschi.
Moskva: Energia; 1977
92. Miller JW, Streeten DH.
Vascular responsiveness to norepinephrine in sympathetic tonic orthostatic intolerance.
J Lab Clin Med. 1990 May;115(5):549-58
93. Mochizuki-Oda N, Kataoka Y, Cui Y, Yamada H, Heya M, Awazu K.
Effects of near-infra-red laser irradiation on adenosine triphosphate and adenosine diphosphate contents of rat brain tissue.
Neurosci Lett. 2002 May 3;323(3):207-10
94. Miyagawa T, Ogawa T, Asayama M, Yamashita Y.
[Sweating response to abrupt changes in work load]
Nippon Seirigaku Zasshi. 1985;47(1):17-24. Japanese
95. Monstrey S, Hoeksema H, Saelens H, Depuydt K, Hamdi M, Van Landuyt K, Blondeel P.
A conservative approach for deep dermal burn wounds using polarised-light therapy.
Br J Plast Surg. 2002 Jul;55(5):420-6
96. Nielsen B.
Effects of changes in plasma volume and osmolarity on thermoregulation during exercise.
Acta Physiol Scand. 1974 Apr;90(4):725-30
97. Nielsen B.
Effect of changes in plasma Na⁺ and Ca⁺⁺ ion concentration on body temperature during exercise.
Acta Physiol Scand. 1974 May;91(1):123-9

98. Nilsson GE.
Measurement of water exchange through skin.
Med Biol Eng Comput. 1977 May;15(3):209-18
99. Nilsson GE.
On the measurement of evaporative water loss. Methods and clinical applications.
Linköping: Linköping University Medical Dissertations No. 48. 1977
100. Nishi Y, Gagge AP.
Effective temperature scale useful for hypo- and hyperbaric environments.
Aviat Space Environ Med. 1977 Feb;48(2):97-107
101. Obolenskaya KD, Samoilova KA
Stimulation of phagocytosis and release of bacteridical proteins from leucocytes of circulating blood by exposures of volunteers to visible polychromatic polarized light at therapeutic dose.
28th Annual American Society for Photobiology Meeting, San Francisco, USA,
July 2000
102. Ogawa T, Asayama M, Ito M, Miyagawa T.
Dermatomal inhibition of sweating by skin pressure.
Physiological Sciences 32 (1981) 413-415
103. Ogawa T.
Thermal and nonthermal Factors influencing sweating.
In: Hales JRS, Richards DAB, eds.
Transactions of the Menzies Foundation 14
Melbourne; 1987:203-209Q

104. Ogawa T, Low PA.

Autonomic regulation of temperature and sweating.

In: Low PA, ed.

Clinical autonomic disorders: Evaluation and management.

2nd ed. Philadelphia: Lippincot-Raven; 1997:83-96

105. Ono I, Gunji H, Zhang JZ, Maruyama K, Kaneko F.

A study of cytokines in burn blister fluid related to wound healing.

Burns. 1995 Aug;21(5):352-5

106. Ozdemir F, Birtane M, Kokino S.

The clinical efficacy of low-power laser therapy on pain and function in cervical osteoarthritis.

Clin Rheumatol. 2001;20(3):181-4

107. Pereira AN, Eduardo Cde P, Matson E, Marques MM.

Effect of low-power laser irradiation on cell growth and procollagen synthesis of cultured fibroblasts.

Lasers Surg Med. 2002;31(4):263-7

108. Pinnagoda J, Tupker RA, Agner T, Serup J.

Guidelines for transepidermal water loss (TEWL) measurement. A report from the Standardization Group of the European Society of Contact Dermatitis.

Contact Dermatitis. 1990 Mar;22(3):164-78

109. Potts RO, Francoeur ML.

Lipid biophysics of water loss through the skin.

Proc Natl Acad Sci U S A. 1990 May;87(10):3871-3

110. Pschyrembel.

258. neubearb. Aufl.

Berlin: De Gruyter; 1998

111. Raab O.

Über die Wirkung fluorescierender Stoffe auf Infusoria.

Z. Biol. 1900;39:524

112. Raab W.

Lichtfiebel: Sonne-Bräunung-Pigmentstörungen.

Stuttgart, New York: Gustav Fischer Verlag; 1990:1-30

113. Ramadori G.

UV-Licht und Biologie der Zytokine.

In: Bühring M, Jung EG (eds).

UV-Biologie und Heliotherapie.

Stuttgart: Hippokrates Verlag; 1992:49-57

114. Randall WC.

Sweat gland Activity and Changing Patterns of sweat Secretion on the Skin Surface.

Am J Physiol. 1946;174:391

115. Riemann M, Fisch J, Schulze P, Kost HR, Link G.

Transmissionsmessungen bei ultraviolet bestrahltem Venenblut.

Dt Gesundheitswesen. 1983;38:2061-2062

116. Rochkind S, Shahar A, Amon M, Nevo Z.

Transplantation of embryonal spinal cord nerve cells cultured on biodegradable microcarriers followed by low power laser irradiation for the treatment of traumatic paraplegia in rats.

Neurol Res. 2002 Jun;24(4):355-60

117. Rock G.

Zellvermittelte Immunantwort.

In: Roitt IM, Brostoff J, Male DK (eds).

Kurzes Lehrbuch der Immunologie, 3. neubearb Aufl.

Harabacz, I -Dt Übers-

Stuttgart; New York: Thieme Verlag; 1995:104-119

118. Rollier A.

Technik und Dosierung der Heliotherapie.

Strahlenth. 1938;61:529-533

119. Rowell LB.

Cardiovascular adjustments to thermal stress.

In: Shepherd, J.T., Abboud, F.M. (eds).

Handbook of Physiology, section 2: The Cardiovascular System, vol. III,
Peripheral Circulation and Organ Blood Flow, part 2

1983:967-1023

120. Rowell LB.

Neural control of muscle blood flow: importance during dynamic exercise.

Clin Exp Pharmacol Physiol. 1997 Feb;24(2):117-25. Review

121. Samoilova KA, Sokolov DI, Obolenskaya KD.

Changes of cytokine content in human blood after ist in vivo and in vitro
exposure to visible polarized light at a therapeutic dose.

28th Annual American Society for Photobiology Meeting, San Francisco, USA,
July 2000

122. Sanctorius S.

Medicina Statica. 2nd Edition.

Quincy J. –Engl übers-

London; 1720

123. Sato K, Sato F.

Individual variations in structure and function of human eccrine sweat gland.
Am J Physiol. 1983 Aug;245(2):R203-8

124. Scheid P.

Atmung.

In: Klinke R, Silbernagl S (eds).
Lehrbuch der Physiologie
Stuttgart: Thieme Verlag; 1994:211-267

125. Scheuplein RJ, Blank IH.

Permeability of the skin.
Physiol Rev. 1971 Oct;51(4):702-47. Review

126. Scheuplein R.

The skin as a barrier.
In: Jarrett A (ed).
The physiology and Pathophysiology of the skin. Vol. 5
London: Academic Press; 1978:1669-1680

127. Schieke S, Stege H, Kurten V, Grether-Beck S, Sies H, Krutmann J.

Infrared-A radiation-induced matrix metalloproteinase 1 expression is mediated through extracellular signal-regulated kinase 1/2 activation in human dermal fibroblasts.

J Invest Dermatol. 2002 Dec;119(6):1323-9

128. Schmidt RF, Thews G.

Physiology des Menschen.
23. Aufl. Berlin; New York; Heidelberg: Springer Verlag; 1987:808

129. Schurer NY, Plewig G, Elias PM.

Stratum corneum lipid function.
Dermatologica. 1991;183(2):77-94. Review.

130. Scott RC, Oliver GJ, Dugard PH, Singh HJ.
A comparison of techniques for the measurement of transepidermal water loss.
Arch Dermatol Res. 1982;274(1-2):57-64
131. Shahidullah M, Raffle EJ, Rimmer AR, Frain-Bell W.
Transepidermal water loss in patients with dermatitis.
Br J Dermatol. 1969 Oct;81(10):722-30
132. Sisson TR.
Molecular basis of hyperbilirubinemia and phototherapy.
J Invest Dermatol. 1981 Jul;77(1):158-61
133. Spikes JD.
Photodynamic reactions in Photomedicine.
In: Regan JD, Parrish JA (eds).
The science of Photomedicine.
New York: Plenum Press; 1982:113-144
134. Spruit D, Herweyer HE.
The ability of the skin to change its insensible perspiration.
Dermatologica. 1967;134(5):364-70
135. Stevens A, Lowe S.
Histologie.
Tiedemann K. -Dt Übers und bearb-
Weinheim, Basel, Cambridge, New York: VCH Verlag; 1992: 348-359
136. Stüttgen G.
Die normale und pathologische Physiologie der Haut.
Stuttgart: Gustav Fischer Verlag; 1965:268-289

137. Sugenoya J, Iwase S, Mano T, Ogawa T.
Identification of sudomotor activity in cutaneous sympathetic nerves using sweat expulsion as the effector response.
Eur J Appl Physiol Occup Physiol. 1990;61(3-4):302-8
138. Tank J, Schroeder C, Diedrich A, Szczech E, Haertter S, Sharma AM, Luft FC, Jordan J.
Selective Impairment in Sympathetic Vasomotor Control With Norepinephrine Transporter Inhibition.
Circulation. 2003 Jun 17;107(23):2949-2954
139. Thiele FA, van Senden KG.
Relationship between skin temperature and the insensible perspiration of the human skin.
J Invest Dermatol. 1966 Oct;47(4):307-12
140. Thiele FA, Hemels HG, Malten KE.
Skin temperature and water loss by skin.
Trans St Johns Hosp Dermatol Soc. 1972;58(2):218-23
141. Tronnier H.
Zur Wirkungsweise der therapeutischen Anwendungen von Licht.
In: Lüderitz B (ed).
Zur Wirkungsweise unspezifischer Heilverfahren.
Stuttgart: Hippokrates; 1972
142. Tupker RA, Pinnagoda J, Coenraads PJ, Nater JP.
The influence of repeated exposure to surfactants on the human skin as determined by transepidermal water loss and visual scoring.
Contact Dermatitis. 1989 Feb;20(2):108-14
143. van Gemert MJ, Jacques SL, Sterenborg HJ, Star WM.
Skin optics.
IEEE Trans Biomed Eng. 1989 Dec;36(12):1146-54

144. West SS.

Introduction to fluorescence diagnosis.

In: Regan JD, Parrish JA (eds).

The science of Photomedicine.

New York: Plenum Press; 1982:69-89

145. WHO.

Primary Health Care. A joint report by the Director-General of the WHO and the executive Director of UNICEF.

Genf, New York: WHO; 1978

146. Wiedemann E.

Physikalische Therapie: Grundlagen – Methoden – Anwendung.

Berlin, New York: De Gruyter; 1987:444-473

147. Wolthuis RA, Bergman SA, Nicogossian AE.

Physiological effects of locally applied reduced pressure in man.

Physiol Rev. 1974 Jul;54(3):566-95. Review

148. Wu MS, Yee DJ, Sullivan ME.

Effect of a skin moisturizer on the water distribution in human stratum corneum.

J Invest Dermatol. 1983 Nov;81(5):446-8

149. Yates BJ, Jian BJ, Cotter LA, Cass SP.

Responses of vestibular nucleus neurons to tilt following chronic bilateral removal of vestibular inputs.

Exp Brain Res. 2000 Jan;130(2):151-8.

Erratum in: Exp Brain Res 2000 Apr;131(4):532

150. Yokoyama K, Sugiyama K.

Influence of linearly polarized near-infrared irradiation on deformability of human stored erythrocytes.

J Clin Laser Med Surg. 2003 Feb;21(1):19-22.

151. Young S, Bolton P, Dyson M, Harvey W, Diamantopoulos C.

Macrophage responsiveness to light therapy.

Lasers Surg Med. 1989;9(5):497-505

152. Yu HS, Chang KL, Yu CL, Chen JW, Chen GS.

Low-energy helium-neon laser irradiation stimulates interleukin-1 alpha and interleukin-8 release from cultured human keratinocytes.

J Invest Dermatol. 1996 Oct;107(4):593-6

153. Yu HS, Wu CS, Yu CL, Kao YH, Chiou MH.

Helium-neon laser irradiation stimulates migration and proliferation in melanocytes and induces repigmentation in segmental-type vitiligo.

J Invest Dermatol. 2003 Jan;120(1):56-64

154. Zhevago NA, Samoilova KA, Glazanova TV, Obolenskaia KD, Balliuzek MF, Romanenko NIu.

[Changes in the expression of membrane markers and in the number of human blood monocytes after single and repeated courses of visible and infrared light at therapeutic doses]

Tsitolgiia. 2003;45(2):179-95. Russian