

## *PeriScan Literature Reference List*

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<b>Disciplines</b>	<b>Diseases</b>	<b>Drugs</b>	<b>Organ</b>	<b>Selected Topics</b>
Anesthesiology Angiology Biomedical Engineering Dermatology Gereontology Medicine Odontology Others Physiology Plastic Surgery Surgery Vascular Surgery	Alzheimers Cold Urticaria Diabetes Healthy tissue Inflammation Ischemia Menopause Neuropathy Other Skin Diseases Others Port Wine Stains Psoriasis Rheumatitis Scleroderma Skin Allergy Skin Irritation Smoking Sympathectomy Teleangiectasies Trauma Tumours Ulcers and Wounds	AcetylCholine Adenosine Angiotension Axon Reflexes Budesonide Calcipotiol Capsaicin Cold Exposure D-vitamins Diesel oil Dithranol EMLA Estrogen Fluorescein dye Glucocorticoids Gold Growth Factors Histamine Hyaluronan Kathon CG Ketamine Methyl nicotinate Nickel sulfate Nicotine Nitric Oxide None Others Oxygen Prostaglandin Smoking Sodium Lauryl Sulfate Steroids Tachykinin Tuberculin	Brain Cheek Pouch Joints Ligaments Liver Muscle Others Skin Viscera	Angiogenesis Axon Reflexes Blanching Electrical Stimuli Electromagn Field Flap Surveillance Growth Factors HR-LDI Hyperalgesia Iontophoresis Laser Treatment Method Comparison Methodology Microdialysis Others Overviews Pain Patch Testing PDT Phototesting Posture Pressure Loading Smoking Stripping Sympathectomy Thesis Transplantation Wound Healing

Ref. ListID	Authors	Title	Source	Source Detail	Year	Discipline	Disease	Drug	Organ	Topic
1	Abbot, N.C., Ferrell, W.R., Lockhart, J.C. and Lowe, J.G.	Laser Doppler perfusion imaging of skin blood flow using red and near-infrared sources.	J Invest Dermatol	Vol 107, p882-886	1996	Biomedical Engineering	Healthy tissue	None	Skin	Methodology
2	Aghassi, D., Monoson, T. and Braverman, I.	Reproducible measurements to quantify cutaneous involvement in scleroderma	Arch Dermatol	Vol 131, Oct, p1160-1166	1995	Dermatology	Scleroderma	None	Skin	Methodology
6	Algotsson, A.	Serum lipids and lipoproteins are correlated to skin vessel reactivity in healthy women	Journal of Internal Medicine	Vol 239, p147-152	1996	Gerontology	Alzheimers	AcetylCholine	Skin	Iontophoresis
153	Algotsson, A.	Vascular reactivity and autonomic functions in Alzheimer's disease	Karolinska Institutet, Huddinge University Hospital, Huddinge, Sweden		1995	Gerontology	Alzheimers	AcetylCholine	Skin	Iontophoresis
3	Algotsson, A., Nordberg, A. and Winblad, B.	Influence of age and gender on skin vessel reactivity to endothelium-dependent and endothelium-independent vasodilators tested with iontophoresis and a laser Doppler perfusion imager	Journal of Gerontology	Med Sciences, Vol 50A, No 2, M121-M127	1995	Gerontology	Alzheimers	AcetylCholine	Skin	Iontophoresis
4	Algotsson, A., Nordberg, A., Almkvist, O. and Winblad, B.	Skin vessel reactivity is impaired in Alzheimer's disease	Neurobiology of Aging	In press 1995 and In Thesis by Algotsson, A. "Vascular reactivity and autonomic functions in Alzheimer's disease" Karolinska Institutet, Huddinge University Hospital, Huddinge, Sweden	1995	Gerontology	Alzheimers	AcetylCholine	Skin	Iontophoresis
5	Algotsson, A., Nordberg, A., Lannfelt, L., Almkvist, O. and Winblad, B.	Apolipoprotein Eε4 Allele, skin vessel reactivity and vascular risk factors in Alzheimer's disease	Archives of Gerontology and Geriatrics	Vol 22, p223-232	1996	Gerontology	Alzheimers	AcetylCholine	Skin	Iontophoresis
7	Anderson, C., Andersson, T. and Wårdell, K.	Changes in skin circulation after insertion of a microdialysis probe visualized by laser Doppler perfusion imaging	J Invest Derm	Vol 102, p807-811	1994	Dermatology	Healthy tissue	None	Skin	Microdialysis
8	Anderson, C., Svensson, C., Sjögren, F., Andersson, T. and Wårdell, K.	Human in vivo microdialysis technique can be used to measure cytokines in contact reactions		Vol 23, p121-130	1995	Dermatology	Healthy tissue	Histamine	Skin	Microdialysis
154	Andersson, T.	Cutaneous microdialysis - a technique for human in vivo sampling	Linköping University Medical Dissertation, Linköping, Sweden	No 456	1995	Dermatology	Healthy tissue	None	Skin	Thesis
9	Andersson, T., Wårdell, K. and Anderson, C.	Human in vivo cutaneous microdialysis: estimation of histamine release in cold urticaria	Acta Derm Venereol (Stockh)	Vol 75, p343-347	1995	Dermatology	Cold Urticaria	Histamine	Skin	Microdialysis
10	Andrews, K., Baranowski, A. and Kinnman, E.	Sensory threshold changes without initial pain or alterations in cutaneous blood flow, in the area of secondary hyperalgesia caused by topical application of capsaicin in humans	Neuroscience Letters	Vol 266, p45-48	1999	Physiology	Healthy tissue	Capsaicin	Skin	Hyperalgesia
167	Aridsson, M., Asker, C.L., Salerud, E.G. and Strömberg, T.	Skin Capillary Appearance and Skin Microvascular Perfusion Due to Topical Application of Analgesia Cream	Microvascular Research	59, pp 14-23	2000	Biomedical Engineering	Healthy tissue	EMLA	Skin	Others
166	Aridsson, M., Nilsson, G.E. and Strömberg, T.	Effects on Skin Blood Flow by Provocation during Local Analgesia	Microvascular Research	59, pp122-130	2000	Biomedical Engineering	Healthy tissue	EMLA	Skin	Others
11	Arnold, F., He, C.Y.J. and Cherry, G.W.	Perfusion imaging of skin island flap blood flow by a scanning laser Doppler technique	Brit J Plast Surg	Vol 48, p280-287	1995	Dermatology	Others	Fluorescein dye	Skin	Flap Surveillance
12	Arnold, F., Jia, C., He, C., Cherry, G., Carbow, B., Meyer-Ingold, W., Bader, D. and West, D.	Hyaluronan, heterogeneity, and healing: The effects of ultrapure hyaluronan of defined molecular size on the repair of the full-thickness pig skin wounds	Wound Rep Reg	Vol 3, p299-310	1995	Dermatology	Ulcers and Wounds	Hyaluronan	Skin	Flap Surveillance
168	Arora, S., Smakowski, P., Frykberg, R.G., Simeone, L.R., Freeman, R., LoGerfo, F.W., Veves, A.	Differences in foot and forearm skin microcirculation in diabetic patients with and without neuropathy	Diabetes Care	Vol 21, No 8, p1339-1344	1998	Others	Diabetes	AcetylCholine	Skin	Iontophoresis
169	Arora, S., Veves, A., Caballero, A.E., Smakowski, P., LoGerfo, F.W.	Estrogen improves endothelial function	J Vasc Surg	Vol 27, No 6, p1141-1146	1998	Others	Menopause	Estrogen	Skin	Iontophoresis
13	Auer, T., Bacharach-Buhles, M., El-Gamal, S., Stücker, M., Panz, B., Popp, C., Hoffmann, K., Happe, M. and Altmeyer, P.	The hyperperfusion of the psoriatic plaque correlates histologically with dilatation of vessels	Acta Derm Venereol (Stockh)	Suppl 186, p30-32	1994	Dermatology	Psoriasis	Dithranol	Skin	Others

Ref. ListID	Authors	Title	Source	Source Detail	Year	Discipline	Disease	Drug	Organ	Topic
15	Bjarnason, B. and Fischer, T.	Visual and laser Doppler perfusion scanning assessments of Kathon CG patch test reactions	American Journal of Contact Dermatitis	Vol 9, No 4, p224-230	1998	Dermatology	Skin Allergy	Kathon CG	Skin	Patch Testing
14	Bjarnason, B. and Fischer, T.	Objective assessment of nickel sulfate patch test reactions with laser Doppler perfusion imaging	Contact Dermatitis	Vol 38, p112-118	1998	Dermatology	Skin Allergy	Nickel sulfate	Skin	Patch Testing
19	Bjarnason, B., Flosadóttir, E. and Fischer, T.	Reactivity at edges of corticosteroid patch tests may be an indicator of a strong positive test response	Dermatology	Vol 199, p 130-134	1999	Dermatology	Skin Allergy	Budesonide	Skin	Patch Testing
17	Bjarnason, B., Flosadóttir, E. and Fischer, T.	Assessment of budesonide patch tests	Contact Dermatitis	Vol 41, p211-217	1999	Dermatology	Skin Allergy	Budesonide	Skin	Patch Testing
16	Bjarnason, B., Flosadóttir, E. and Fischer, T.	Objective non-invasive assessment of patch tests with the laser Doppler perfusion scanning technique	Contact Dermatitis	Vol 40, p251-260	1999	Dermatology	Skin Allergy	Sodium Lauryl Sulfate	Skin	Patch Testing
164	Bjarnasson Bolli	Laser Doppler Imaging of Patch Tests	Dep of Medicine, Unit of Dermatology and Venerology, Karolinska Institutet, Stockholm, Sweden	ISBN 91-628-3853-9	1999	Dermatology	Skin Allergy	Nickel sulfate	Skin	Thesis
155	Bommyr, S.	Laser Doppler flowmetry and imaging	Department of Clinical Physiology, Lund University		1998	Physiology	Ulcers and Wounds	Others	Skin	Thesis
20	Bommyr, S., Arner, M. and Svensson, H.	Laser Doppler imaging of finger skin blood flow in patients after microvascular repair of the ulnar artery at the wrist	Journal of Hand Surgery	Vol 19B, No 3, p295-300	1994	Vascular Surgery	Trauma	None	Skin	Others
25	Bommyr, S., Castenfors, J., Svensson, H., Wroblewski, M., Sundkvist, G. and Wollmer, P.	Detection of autonomic sympathetic dysfunction in diabetic patients	Diabetes Care	Vol 22, No 4, p 593-597	1999	Physiology	Diabetes	Cold Exposure	Skin	Methodology
21	Bommyr, S., Mårtensson, A., Svensson, H., Nilsson, K.-G. och Wollmer, P.	A new device combining laser Doppler perfusion imaging and digital photography	Clinical Physiology	Vol 16, p535-541	1996	Biomedical Engineering	Ulcers and Wounds	None	Skin	Methodology
23	Bommyr, S., Svensson, H., Lilja, B. and Sundkvist, G.	Skin temperature changes and changes in skin blood flow monitored with laser Doppler flowmetry and imaging: a methodological study in normal humans	Clinical Physiology	Vol 17, p71-81	1997	Physiology	Healthy tissue	Cold Exposure	Skin	Methodology
24	Bommyr, S., Svensson, H., Söderström, T., Sundkvist, G. and Wollmer, P.	Finger skin blood flow in response to indirect cooling in normal subjects and in patients before and after sympathectomy	Clinical Physiology	Vol 18, No 2, p103-107	1998	Physiology	Sympathectomy	Cold Exposure	Skin	Methodology
22	Bommyr, S., Svensson, S., Lilja, B. and Sundkvist, G.	Cutaneous vasomotor responses in young type I diabetic patients	J Diabetes and Its Complications	Vol 11, p21-26	1997	Physiology	Diabetes	Cold Exposure	Skin	Others
26	Bray, R., Forrester, K., McDougall, J.J., Damji, A. and Ferrell, W.R.	Evaluation of laser Doppler imaging to measure blood flow in knee ligaments of adult rabbits	Medical and Biological Engineering & Computing	May, p227-231	1996	Surgery	Inflammation	None	Joints	Method Comparison
27	Caballero, A.E., Arora, S., Saouaf, R., Lim, S.C., Smakowski, P., Park, J.Y., King, G.L., LoGerfo, F.W., Horton, E.S. and Veves, A.	Microvascular and macrovascular reactivity is reduced in subjects at risk for type 2 diabetes	Diabetes	Vol 48, p1856-1862	1999	Physiology	Diabetes	AcetylCholine	Skin	Iontophoresis
28	Clough, G.	Experimental models of skin inflammation	Clinical and Experimental Allergy	Vol 29, Suppl 3, p105-108	1999	Medicine	Inflammation	Histamine	Skin	Others
30	Cottler, P., Gampper, T.J., Rodeheaver, G.T., Skalak. T.C.	Evaluation of clinically applicable exanguination treatments to alleviate venous congestion in an animal skin flap model	Wound Repair and Regeneration	Vol May-June, p187-195	1999	Plastic Surgery	Ischemia	None	Skin	Flap Surveillance
29	Couffinhal, T., Silver, M., Zheng, L.P., Kearney, M., Witzembichler, B. and Isner, J.M.	Animal model - Mouse Model of Angiogenesis	American Journal of Pathology	Vol 152, No 6, p1667-1679	1998	Medicine	Ischemia	Growth Factors	Skin	Angiogenesis
31	Eichhorn, W., Auer, T., Voy, E.D. and Hoffmann, K.	Laser Doppler imaging of axial and random pattern flaps in the maxillo-facial area. A preliminary report	Journal of Cranio-Maxillo-Facial Surgery	Vol 22, p301-306	1994	Plastic Surgery	Tumours	None	Skin	Flap Surveillance
32	Eichhorn, W., Auer, T.H. and Voy, E.D.	Bildliche darstellung der mikrozkulation gestielter Handchir Mikrochir Plast Chir lappenplastiken im Kiefer-Gesichtsgebiet mit hilfe des laser-Doppler-scanners	Handchir Mikrochir Plast Chir	July, Vol 27, No 4, p176-80	1995	Plastic Surgery	Others	None	Skin	Flap Surveillance
165	Fabricius M. E.	Laser-Doppler studies of cerebral microcirculation during cortical spreading depression and hypercapnia - role of nitric acid.	Det Sundhedsvidenskabelige Fakultet, University of Copenhagen, Denmark.	ISBN 87-987825-0-9	2000	Surgery	Others	Nitric Oxide	Brain	Thesis

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35	Ferrell, W.R., Lockhart, J.C. and Karimian, S.M.	Tachykinin regulation of basal synovial blood flow	British Journal of Pharmacology	Vol 121, p29-34	1997	Others	Rheumatitis	Tachykinin	Joints	Others
34	Ferrell, W.R., Sturrock, R.D., Mallik, A.K., Abbot, N.C., Lockhart, J.C. and Edmondson, W.D.	Laser Doppler perfusion imaging of proximal interphalangeal joints in patients with rheumatoid arthritis	Clinical and Experimental Rheumatology	Vol. 14, P649-652	1996	Medicine	Rheumatitis	None	Skin	Others
36	Fischer, T. and Bjarnason, B.	Sensitizing and irritant properties of 3 environmental classes of diesel oil and their indicator dyes	Contact Dermatitis	Vol 34, p309-315	1996	Dermatology	Skin Irritation	Diesel oil	Skin	Patch Testing
37	Fischer, T., Dahlén, Å. and Bjarnason, B.	Influence of patch-test application tape on reactions to sodium dodecyl sulfate	Contact Dermatitis	Vol 40, p32-37	1999	Dermatology	Skin Allergy	Sodium Lauryl Sulfate	Skin	Patch Testing
38	Forrester, K., Doschak, M. and Bray, R	In vivo comparison of scanning technique and wavelength in laser Doppler perfusion imaging: measurement in knee ligaments of adult rabbits	Medical & Biological Engineering and Computing	Nov, p581-586	1997	Biomedical Engineering	Others	None	Ligaments	Method Comparison
39	Fulcher, S.M., Koman, L.A., Paterson Smith, B., Holden, M. and Smith, T.L.	The effect of transdermal nicotine on digital perfusion in reformed habitual smokers	The Journal of Hand Surgery	Vol 23A, No 5, p792-799	1998	Others	Others	Nicotine	Skin	Smoking
41	Fullerton, A. and Serup, J.	Topical D-Vitamins: multiparametric comparison of the irritant potential of calcipotriol, tacalcitol and calcitriol in a hairless guinea pig model	Contact Dermatitis	Vol 36, p184-190	1997	Dermatology	Skin Irritation	D-vitamins	Skin	Patch Testing
40	Fullerton, A. and Serup, J.	Laser Doppler image scanning for assessment of skin irritation	Elsner P., Maibach H.I. (eds): Irritant Dermatitis. New Clinical and Experimental Aspects. Curr Probl Dermatol. Basel, Karger	Vol 23, p159-168	1995	Dermatology	Skin Irritation	Sodium Lauryl Sulfate	Skin	Patch Testing
42	Fullerton, A., Benfeldt, E., Roed Petersen, J., Birk Jensen, S. and Serup, J.	The calcipotriol dose-irritation relationship: 48 hour occlusive testing in healthy volunteers using Finn Chambers?	British Journal of Dermatology	Vol 138, p259-265	1998	Dermatology	Skin Irritation	Calcipotriol	Skin	Patch Testing
43	Gee, M.D., Lynn, B. and Cotsell, B.	The relationship between cutaneous C fibre type and antidromic vasodilatation in the rabbit and the rat	Journal of Physiology	Vol 503, No. 1, p31-44	1997	Physiology	Others	Axon Reflexes	Skin	Axon Reflexes
45	Golster, H., Lindén M., Bertuglia, S., Colantuoni, A., Nilsson, G. and Sjöberg, F.	Red Blood Cell Velocity and Volumetric Flow Assessment by Enhanced High-Resolution Laser Doppler Imaging in Separate Vessels of the Hamster Cheek Pouch Microcirculation	Microvascular Research	Vol. 58, p62-73	1999	Biomedical Engineering	Others	Adenosine	Cheek Pouch	HR-LDI
44	Golster, H., Thulesius, O., Nilsson, G. and Sjöberg, F.	Heterogeneous blood flow response in the foot on Acta Physiol Scand dependency, assessed by laser Doppler perfusion imaging	Acta Physiol Scand	Vol 159, p101-106	1997	Physiology	Others	None	Skin	Posture
47	Groth, L. and Serup, J.	Cutaneous microdialysis in man: Effects of needle insertion trauma and anaesthesia on skin perfusion, erythema and skin thickness	Acta Derm Venereol	Vol 78, p5-9	1998	Dermatology	Others	Nicotine	Skin	Microdialysis
46	Groth, L.	Cutaneous microdialysis - methodology and validation	Acta Dermato-Venereologica	Suppl. 197, p1-61	1996	Dermatology	Others	None	Skin	Microdialysis
48	Groth, L., Jörgensen, A. and Serup, J.	Cutaneous microdialysis in the rat: Insertion trauma and effect of anaesthesia studied by laser Doppler perfusion imaging and histamine release	Skin Pharmacol Appl Skin Physiol	Vol 11, p125-132	1998	Dermatology	Others	None	Skin	Microdialysis
49	Gschwandtner, M.E., Koppensteiner, R., Maca, T., Minar, E., Schneider, B., Schnürer, G. and Ehringer, H.	Spontaneous laser Doppler flux distribution in ischemic ulcers and the effect of prostanoids: A crossover study comparing the acute action of Prostaglandin E1 and Iloprost vs Saline	Microvasc Res	Vol 51, p29-38	1996	Angiology	Ulcers and Wounds	Prostaglandin	Skin	Others
50	Gschwandtner, M.E., Ambrózy, E., Böhrer, K., Fasching, S., Gaggl, U., Schneider, B. and Ehringer, H.	Reproducibility of laser Doppler imager flux measurements within ischemic or venous ulcers and adjacent skin	Skin Research and Technology	Vol 4, p222-227	1998	Angiology	Ulcers and Wounds	Prostaglandin	Skin	Others
51	Gschwandtner, M.E., Ambrózy, E., Fasching, S., Willfort, A., Schneider, B., Böhrer, K., Gaggl, U. and Ehringer, H.	Microcirculation in venous ulcers and the surrounding skin: findings with capillary microscopy and a laser Doppler imager	European Journal of Clinical Investigation	Vol 29, p708-716	1999	Angiology	Ulcers and Wounds	None	Skin	Others
162	Gschwandtner, M.E., Ambrózy, E., Schneider, B., Fasching, S., Willfort, A. and Ehringer H.	Laser Doppler imaging and capillary microscopy in ischemic ulcers	Atherosclerosis	142 pp 225-232	1999	Angiology	Ulcers and Wounds	None	Skin	Others
52	Harrison, D., Abbot, N.C., Swanson Beck, J. and McCollum, P.T.	A preliminary assessment of laser Doppler perfusion imaging in human skin using the tuberculin reaction as a model	Physiol Meas	Vol 14, p241-252	1993	Others	Others	Tuberculin	Skin	Method Comparison

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53	Harrison, D.K., Abbot, N.C., Swanson Beck, J. and McCollum, P.T.	Laser Doppler perfusion imaging compared with lightguide laser Doppler flowmetry, dynamic thermographic imaging and tissue spectrophotometry for investigating blood flow in human skin	Oxygen Transport to Tissue XV, Ed. p853-859 Vaupel, P. et. al., Plenum Press, New York		1994	Others	Others	None	Skin	Method Comparison
54	He, C.-F., Cherry, G.W. and Arnold, F.	Postural vasoregulation and mediators of reperfusion injury in venous ulceration	J Vas Surg	Vol 25, No 4, p647-653	1997	Dermatology	Ulcers and Wounds	None	Skin	Posture
55	Hoffmann, K., Auer, T., Stücker, M., Hoffmann, A. and Altmeyer, P.	Comparison of skin atrophy and vasoconstriction due to mometasone furoate, methylprednisolone and hydrocortisone	Journal of the European Academy of Dermatology and Venereology	Vol 10, p137-142	1998	Dermatology	Others	Glucocorticoids	Skin	Others
156	Ilias, M.A.	Skin phototesting using a divergent ultraviolet B beam – development and evaluation on a normal material	Linköping Studies in Science and Technology	Thesis No. 797	1999	Biomedical Engineering	Others	None	Skin	Thesis
56	Ilias, M.A., Anderson, C. and Wårdell, K.	Single exposure phototesting utilizing a divergent ultraviolet beam	Skin Research and Technology	Vol 5, p 255-259	1999	Dermatology	Others	None	Skin	Phototesting
57	Issachar, N., Gall, Y., Borrel, M.T. and Poelman, M.-C.	Correlation between percutaneous penetration of methyl nicotinate and sensitive skin, using laser Doppler imaging	Contact Dermatitis	Vol 39, p182-186	1998	Others	Skin Irritation	Methyl nicotinate	Skin	Patch Testing
157	Jakobsson, A.	Sampling depth in laser Doppler flowmetry	Linköping Studies in science and Technology	Thesis No 307	1992	Biomedical Engineering	Others	None	Others	Thesis
58	Jakobsson, A.J., Nilsson, G.E.	Prediction of sampling depth and photon pathlength in laser Doppler flowmetry	Medical and Biological Engineering and Computing	Vol 31, p301 - 307	1993	Biomedical Engineering	Others	None	Skin	Methodology
59	Kalman, S., Linderfalk, C., Wårdell, K., Eintrei, C. and Lisander, B.	Differential effect on vasodilatation and pain after intradermal capsaicin in humans during decay of intravenous regional anesthesia with mepivacaine	Reg Anesth Pain Med	Vol 23, No 4, p402-408	1998	Anesthesiology	Others	Capsaicin	Skin	Pain
60	Karimian, S.M., McDougall, J.J. and Ferrell, W.R.	Neuropeptidergic and autonomic control of the vasculature of the rat knee joint revealed by laser Doppler perfusion imaging	Exp Physiol	Vol 80, p341-348	1995	Physiology	Others	Capsaicin	Joints	Electrical Stimuli
141	Karlsson, A., Wårdell, K., Svensson, C. and Anderson, C.	Interlaboratory reliability evaluation	6th Congress of the International Society for Skin Imaging 990704-990706	abstract	1999	Dermatology	Others	None	Skin	Methodology
61	Kimme, P., Gustafsson, U., Sollevi, A., Nilsson, G. and Sjöberg, F.	Cerebral blood flow of the exposed brain surface measured by laser Doppler perfusion imaging	Acta Physiol Scand	Vol 159, p15-22	1997	Anesthesiology	Others	Angiotension	Brain	Others
62	Koman, L.A., Ruch, D.S., Aldridge, M., Paterson Smith, B., Holden, M.B. and Fulcher, M.	Arterial reconstruction in the ischemic hand and wrist: Effects on microvascular physiology and health-related quality of life	The Journal of Hand Surgery	Vol 23A, No 5, p 773-782	1998	Vascular Surgery	Ischemia	None	Skin	Others
158	Krogstad, A.L.	Neurogenic Control of Blood Flow and Histamine Release in Psoriatic Skin	Departments of Dermatology and clinical Neurophysiology, Sahlgrenska University Hospital, Göteborg, Sweden		1998	Dermatology	Psoriasis	None	Skin	Thesis
65	Krogstad, A.L., Jansson, P.-A., Gisslén, P. and Lönnroth, P.	Microdialysis methodology for the measurement of dermal interstitial fluid in humans	British Journal of Dermatology	Vol 134, p1005-1012	1996	Dermatology	Others	Others	Skin	Microdialysis
67	Krogstad, A.L., Lönnroth, P., Larson, G. and Wallin, B.G.	Capsaicin treatment induces histamine release and perfusion changes in psoriatic skin	British Journal of Dermatology	Vol 141, p87-93	1999	Dermatology	Psoriasis	Capsaicin	Skin	Microdialysis
64	Krogstad, A.L., Pegenius, G. and Elam, M.	Visual scoring and laser Doppler perfusion imaging of skin irritancy induced by different nicotine patches	Skin Research and Technology	Vol 2, p158-163	1996	Dermatology	Skin Irritation	Nicotine	Skin	Smoking
63	Krogstad, A.L., Swanbeck, G. and Wallin, G.	Axon-reflex-mediated vasodilatation in the psoriatic plaque	J Invest Dermatol	Vol 104, p872-876	1995	Dermatology	Psoriasis	Axon Reflexes	Skin	Others
68	Lam, F.Y. and Ferrell, W.R.	Acute inflammation in the rat knee joint attenuates sympathetic vasoconstriction but enhances neuropeptide-mediated vasodilatation assessed by laser Doppler Perfusion Imaging	Neuroscience	Vol 52, No 2, p443 - 449	1993	Physiology	Alzheimers	Others	Joints	Others
71	Lam, F.Y. and Wong, M.C.S.	Characterization of tachykinin receptors mediating plasma extravasation and vasodilatation in normal and acutely inflamed knee joints of the rat	British Journal of Pharmacology	Vol 118, p2107-2114	1996	Others	Inflammation	Tachykinin	Joints	Others

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70	Lam, F.Y., Ferrell, W.R. and Scott, D.T.	Substance P-induced inflammation in the rat knee joint is mediated by neurokinin 1 (NK1) receptors	Regulatory Peptides	Vol 46, p198-201	1993	Physiology	Inflammation	Others	Joints	Others
72	Larkin, S.W. and Williams, T.J.	Evidence for sensory nerve involvement in cutaneous reactive hyperemia in humans	Circulation Research	Vol 73, No 1, July	1993	Others	Others	Capsaicin	Skin	Others
73	Lauritzen, M. and Fabricius, M.	Real-time laser-Doppler perfusion imaging of cortical spreading depression in rat neocortex	Neuroreport	June 19, Vol 6, No 9, p1271-1273	1995	Physiology	Others	None	Brain	Angiogenesis
74	Lim, S.C., Caballero, A.E., Smakowski, P., LoGerfo, F.W., Horton, E.S. and Veves, A.	Soluble intercellular adhesion molecule, vascular cell adhesion molecule, and impaired microvascular reactivity are early markers of vasculopathy in type 2 diabetic individuals without microalbuminuria	Diabetes Care	Vol 22, No 11, p1865-1870	1999	Others	Diabetes	Others	Skin	Others
159	Lindén, M	High resolution laser Doppler imaging for microvascular blood flow measurements	Linköping Studies in Science and Technology	Thesis No. 543	1998	Biomedical Engineering	Others	None	Muscle	Thesis
75	Lindén, M., Sirsjö, A., Lindbom, L., Nilsson, G. and Gidlöf, A.	Laser-Doppler perfusion imaging of microvascular blood flow in rabbit tenuissimus muscle	Am J Physiol	Vol 269, H1496-H1500	1995	Physiology	Others	Prostaglandin	Muscle	HR-LDI
163	Lindén, M., Andersson, T., Wårdell, K. and Anderson, C.	Is vascular reactivity in skin predictable?	Skin Research and Dermatology	6; pp27 - 30	2000	Dermatology	Others	None	Skin	Microdialysis
76	Lindén, M., Wårdell, K., Andersson, T. and Anderson, C.	High resolution laser Doppler perfusion imaging for the investigation of blood circulatory changes after microdialysis probe insertion	Skin Research and Technology	Vol 3, p227-232	1997	Dermatology	Others	None	Skin	HR-LDI
77	Liu, D., Svanberg, K., Wang, I., Andersson-Engels, S. and Svanberg, S.	Laser Doppler perfusion imaging: New technique for determination of perfusion and reperfusion of splanchnic organs and tumor tissue	Lasers in Surgery and Medicine	Vol 20, p473-479	1997	Others	Tumours	Others	Viscera	PDT
78	Ljung, P., Bornmyr, S. and Svensson, H.	Wound healing after total elbow replacement in rheumatoid arthritis. Wound complications in 50 cases and laser-Doppler imaging of skin microcirculation	Acta Orthop Scand	Feb;66(I), p59-63	1995	Physiology	Rheumatitis	None	Skin	Others
79	Mack, G. W.	Assessment of cutaneous blood flow by using topographical perfusion mapping techniques	J Appl Physiol	Vol 85 (1), p353-359	1998	Dermatology	Others	None	Skin	Methodology
80	Mannor, G.E., Wårdell, K., Darrell, E.W. and Nilsson, G.E.	Laser Doppler perfusion imaging of eyelid skin	Ophthalmic Plastic and Reconstructive Surgery	Vol 12, No 3, p178-185	1996	Others	Tumours	None	Skin	Others
82	Mayrovitz, H.N. and Carta, S.G.	Laser-Doppler imaging assessment of skin hyperemia as an indicator of trauma after adhesive strip removal	Adv Wound Care	Vol 9, No 4, p38-42	1996	Others	Trauma	None	Skin	Stripping
84	Mayrovitz, H.N. and Smith, J.	Heel-skin microvascular blood perfusion responses to sustained pressure loading and unloading	Microcirculation	Vol 5, p227-233	1998	Others	Ulcers and Wounds	None	Skin	Pressure Loading
83	Mayrovitz, H.N., Smith, J. and Delgado, M.	Variability in skin microvascular vasodilatory responses assessed by laser-doppler imaging	Ostomy	Vol 43, No 9, p66-74	1997	Others	Ulcers and Wounds	Methyl nicotinate	Skin	Pressure Loading
81	Mayrovitz, H.N., Smith, J., Delgado, M. and Regan, M.B.	Heel blood perfusion responses to pressure loading and unloading in women	Ostomy/Wound Management	Vol 43, No 7, p16-26	1997	Others	Others	None	Skin	Stripping
87	McDougall, J.J. and Ferrell, W.R.	Inhibition of nitric oxide production during electrical stimulation of the nerves supplying the rat knee joint	Journal of the Autonomic Nervous System	Vol 57, p73-77	1996	Physiology	Inflammation	Nitric Oxide	Joints	Electrical Stimuli
88	McDougall, J.J., Ferrell, W.R., Bray, R.C., Wadey, V.M.R. and Frank, C.B.	Repetitive activity alters perfusion of proximal interphalangeal joints of the human hand	Clinical Journal of Sport Medicine	Vol 8, p106-110	1998	Medicine	Inflammation	None	Joints	Methodology
85	McDougall, J.J., Karimian, S.M. and Ferrell, W.R.	Alteration of substance P-mediated vasodilatation and sympathetic vasoconstriction in the rat knee joint by adjuvant-induced inflammation	Neuroscience Letters	Vol 174, p127-129	1994	Physiology	Inflammation	None	Joints	Others
86	McDougall, J.J., Karimian, S.M. and Ferrell, W.R.	Prolonged alteration of vasoconstrictor and vasodilator responses in rat knee joints by adjuvant monoarthritis	Exp Physiology	Vol 80, p349-357	1995	Physiology	Inflammation	Others	Joints	Others
89	McMurdo, L., Lockhart, J.C., Ferrell, W.R.	Modulation of synovial blood flow by the calcitonin gene-related peptide (CGRP) receptor antagonist, CGRP (8-37)	British Journal of Pharmacology	Vol 121, p1075-1080	1997	Physiology	Inflammation	Others	Joints	Others

Ref. ListID	Authors	Title	Source	Source Detail	Year	Discipline	Disease	Drug	Organ	Topic
90	Miura, S., Fukumura, D., Kurose, I., Kimura, H., Suzuki, M., Morishita, T., Nagata, H., Tsuchiya, M. and Ishii, H.	Spatial heterogeneity of mucosal blood flow during ischemia-reperfusion injury of rat stomach investigated by laser Doppler perfusion imaging	J Gastroenterology	June, Vol 30, No 3, p279-86	1995	Medicine	Alzheimers	None	Viscera	Others
92	Morris, S.J. and Shore, A.C.	Skin blood flow responses to the iontophoresis of acetylcholine and sodium nitroprusside in man. possible mechanisms	Journal of Physiology	Vol 496, No. 2, p531-542	1996	Medicine	Diabetes	AcetylCholine	Skin	Iontophoresis
91	Morris, S.J., Shore, A.C. and Tooke, J.E.	Responses of the skin microcirculation to acetylcholine and sodium nitroprusside in patients with NIDDM	Diabetologia	Vol 38, p1337-1344	1995	Medicine	Diabetes	AcetylCholine	Skin	Iontophoresis
93	Möller, H., Björkner, B., Bruze, M., Lundqvist, K. and Wolmer, P.	Laser Doppler perfusion imaging for the documentation of flare-up in contact allergy to gold	Contact Dermatitis	Vol 41, p131-135	1999	Dermatology	Skin Allergy	Gold	Skin	Patch Testing
146	Nilsson, G.	Laser Doppler perfusion imaging for assessment of cutaneous microcirculation	Phlebologie	Vol 26, p87-91	1997	Biomedical Engineering	Others	None	Skin	Methodology
94	Nilsson, G., Arildsson, M. and Lindén M.	Laser Doppler techniques for non-invasive assessment of the microcirculation in Asian traditional medicine	Microcirculatory approach to Asian traditional medicine: Strategy for the scientific evaluation, Ed. Niimi, H., Xiu, R.-J., Sawada, T. and Zheng, C.	Elsevier Science B.V., p35-49	1996	Biomedical Engineering	Others	None	Muscle	HR-LDI
142	Nilsson, G.E.	A survey of the laser Doppler technique for measurement of tissue perfusion	Laser Therapy	Vol 1, No 4	1989	Biomedical Engineering	Others	None	Skin	Overviews
145	Nilsson, G.E. and Wårdell, K.	Laser Doppler perfusion monitoring and imaging of blood microcirculation	SPIE Proceeding Series	Vol 2136, p54-62	1994	Biomedical Engineering	Others	None	Skin	Methodology
143	Nilsson, G.E., Jakobsson, A., Wårdell, K.	Monitoring and imaging of tissue blood flow by coherent light scattering	Optronic Techniques in Diagnostic and Therapeutic Medicine (Ed. Pratesi)	Plenum Press, NY, p89-99	1991	Biomedical Engineering	Others	None	Skin	Methodology
144	Nilsson, G.E., Jakobsson, A.J., Wårdell, K.	Tissue perfusion monitoring and imaging by coherent light scattering	Bioptics: Optics in medicine and Environmental Sciences, SPIE	Vol 1524, p90-109	1991	Biomedical Engineering	Others	None	Skin	Methodology
95	Nilsson, H. and Nilsson G.E.	Monte Carlo simulations of the light interaction with blood vessels in human skin in the red wavelength region	Proceedings of Optical Diagnostics of Biological Fluids III. SPIE series	Vol 3252	1998	Biomedical Engineering	Healthy tissue	None	Skin	Methodology
96	Picart, C., Carpentier, P.H., Brasseur, S., Galliard, H. and Piau, J.M.	Systemic sclerosis: Blood rheometry and laser Doppler imaging of digital cutaneous microcirculation during local cold exposure	Clinical Hemorheology and Microcirculation	Vol 18, p47-58	1998	Physiology	Scleroderma	Cold Exposure	Skin	Others
97	Pollock, D.C., Li, Z., Rosencrance, E., Krome, J., Koman, L.A. and Smith, T.L.	Acute effects of periarterial sympathectomy on the cutaneous microcirculation	Journal of Orthopaedic Research	Vol 15, p408-413	1997	Surgery	Ulcers and Wounds	None	Skin	Sympathectomy
98	Rivard, A., Fabre, J-E., Silver, M., Chen, D., Murohara, T., Kearney, M., Magner, M., Asahara, T. and Isner, J.M.	Age-dependent impairment of angiogenesis	Circulation	Vol. 99, p111-120	1999	Medicine	Ischemia	Growth Factors	Skin	Angiogenesis
99	Ruch, D.S., Smith, T.L., Smith, B.P., Holden, M., Russell, G. and Koman, L.A.	Anatomic and physiologic evaluation of upper extremity ischemia	Microsurgery	Vol 19, p181-188	1999	Surgery	Ischemia	Cold Exposure	Skin	Method Comparison
101	Scardino, M.S., Swaim, S.F., Morse, B.S., Sartin, E.A., Wright, J.C. and Hoffman, C.E.	Evaluation of Fibrin Sealants in Cutaneous Wound Closure	J Biomed Mater Res	Vol 48, p315-321	1999	Physiology	Ulcers and Wounds	None	Skin	Electromagn Field
100	Scardino, M.S., Swaim, S.F., Sartin, E.A., Steiss, J.E., Spano, J.S., Hoffman, C.E., Coolman, S.L. and Peppin, B.L.	Evaluation of treatment with a pulsed electromagnetic field on wound healing, clinicopathologic variables, and central nervous system activity of dogs	AJVR	Vol 59, No 9, p1177-1181	1998	Others	Inflammation	None	Skin	Wound Healing
103	Sefailian, A.M., Stansby, G., Jackson, A., Howell, K. and Hamilton, G.	Comparison of laser Doppler perfusion imaging, laser Doppler flowmetry, and thermographic imaging for assessment of blood flow in human skin	European Journal of Vascular Surgery	Vol 8, p65-69	1994	Surgery	Scleroderma	None	Skin	Method Comparison
147	Sefailian, A.M. Howell, K., Stansby, G., Jackson, A.E., Hamilton, G. and Black, C.M.	Laser Doppler perfusion imaging: A new technique for measuring skin blood flow in rheumatology	Letter to Editor, Brit J of Rheumatology	Vol 32, No10	1993	Surgery	Rheumatitis	None	Skin	Overviews
106	Seifalian, A., Horgan, L., Moore, D., Cutress, M. and Davidsson, B.	Laser Doppler perfusion imaging. A new technique for measuring liver blood flow	European IHPBA Congress in Athens '95		1995	Surgery	Others	None	Liver	Transplantation
104	Seifalian, A.M., Chaloupka, K. and Parbhoo S.P.	Laser Doppler perfusion imaging - A new technique for measuring breast skin blood flow	Int J Microcirc	Vol 15, p125-30	1995	Surgery	Tumours	None	Skin	Others

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102	Seifalian, A.M., Davidson, B.R. and Rolles, K.	Laser Doppler imaging for the assessment of liver perfusion during transplantation	European Journal of Gastroenterology & Hepatology	Vol 5, No 6, p479-482	1993	Surgery	Others	None	Liver	Transplantation
105	Seifalian, A.M., Horgan, L.F. and Davidson, B.R.	Intraoperative assessment of liver perfusion by laser Doppler imaging in an animal model	Transplantation Proc	Vol 27, No 5 (October), p2866-2868	1995	Surgery	Others	None	Liver	Transplantation
148	Serup, J.	Skin imaging techniques	Bioengineering of the skin: Methods and instrumentation (Ed. Berardesca, Elsner, Wilhelm and Maibach) CRC		1995	Dermatology	Other Skin Diseases	None	Skin	Overviews
108	Sirsjö, A., Gidlöf, A., Nilsson, G. and Povlsen, B.	Skeletal muscle blood flow after prolonged tourniquet ischaemia and reperfusion with and without intervening reoxygenation: An experimental study in rats using laser Doppler perfusion imaging	Scand J Plast Reconstr Hand Surg	Vol 33, p281-285	1999	Biomedical Engineering	Ischemia	None	Skin	Others
107	Sirsjö, A., Lindén, M., Lewis, D.H., Hallström, S., Nilsson, G. and Gidlöf, A.	No improvement of post-ischemic blood flow and metabolic restitution in rat skeletal muscle by reducing post-ischemic neutrophil accumulation	Sirsjö Thesis	Linköping	1994	Physiology	Ischemia	Others	Muscle	Others
109	Smrcka, M., Ogilvy, C., Crow, R.C., Maynard, K., Kawamata, T. and Ames III, A.	Induced hypertension improves regional blood flow and protects against infarction during focal ischemia: time course of changes in blood flow measured by laser Doppler imaging	Neurosurgery	Vol 42, No 3, p617-625	1998	Vascular Surgery	Ischemia	None	Brain	Others
110	Sommer, A., van Mierlo, P.L.H., Neumann, H.A.M. and Kessels, A.G.H.	Red and blue telangiectasias - Differences in Oxygenation?	Dermatol Surg	Vol 23, p55-59	1997	Dermatology	Teleangiectasias	None	Skin	Others
111	Sommer, A., Veraart, J., Neumann, M. and Kessels, A.	Evaluation of the vasoconstrictive effects of topical steroids by laser-Doppler-perfusion-imaging	Acta Derm Venereol (Stockh)	Vol 78, p15-18	1998	Dermatology	Healthy tissue	Steroids	Skin	Blanching
112	Staxrud, L.E., Jakobsson, A., Kvernebo, K. and Salerud, E.G.	Spatial and temporal evaluation of locally induced skin trauma recorded with laser Doppler techniques	Microvascular Research	Vol 51, p69-79	1996	Dermatology	Trauma	None	Skin	Microdialysis
120	Stücker, M., Horstmann, I., Röchling, A., Hoffmann, K., Nüchel C. and Altmeyer P.	Differential diagnosis of skin tumors using tumor microcirculation	Skin cancer and UV radiation, ed. Altmeyer P., Hoffmann, K. and Stücker, M.	Springer-Verlag, Berlin Heidelberg, p 999-1006	1997	Dermatology	Tumours	None	Skin	Angiogenesis
114	Stücker, M., Jeske, M., Hoffmann, K., and Altmeyer, P.	Laser-Doppler-Scanning bei progressiver systemischer Sklerodermie	Phlebologie	Vol 24, p9-14, (In German with English Abstract)	1995	Dermatology	Scleroderma	None	Skin	Methodology
115	Stücker, M., Auer, T., Hoffman, K. and Altmeyer, P.	Two-dimensional blood flow determinations in allergic reactions using laser Doppler scanning	Contact Dermatitis	Vol 33, p299-303	1995	Dermatology	Skin Allergy	Others	Skin	Patch Testing
116	Stücker, M., Auer, T., Hoffmann, K. and Altmeyer, P.	Spatial Pattern of Cutaneous Perfusion in Wound Healing	Wound Healing and Skin Physiology (Ed. Altmeyer et al)	Springer Verlag Berlin Heidelberg, p127-136	1995	Dermatology	Ulcers and Wounds	None	Skin	Wound Healing
121	Stücker, M., Heese, A., Hoffmann, K., el Gammal, C. and Altmeyer, P.	Quantification of vascular dysregulation in atopic dermatitis using laser Doppler perfusion imaging	Skin Research and Technology	Vol 4, p9-13	1998	Dermatology	Skin Irritation	Others	Skin	Patch Testing
117	Stücker, M., Heese, A., Hoffmann, K., Röchling, A. and Altmeyer, P.	Precision of laser Doppler scanning in clinical use	Clinical and Experimental Dermatology	Vol 20	1995	Dermatology	Others	Others	Skin	Methodology
122	Stücker, M., Horstmann, I., Nüchel, C., Röchling, A., Hoffmann, K. and Altmeyer, P.	Blood flow compared in benign melanocytic naevi, malignant melanomas and basal cell carcinomas	Clinical and Experimental Dermatology	Vol 24, p 107-111	1999	Dermatology	Tumours	None	Skin	Others
119	Stücker, M., Hügler, P., von Kobyletzki, G., Reuther, T., Hoffmann, K., Laubenthal, H. and Altmeyer, P.	Intracutaneous histamine injection can detect damage of cutaneous afferent fibres in postherpetic neuralgia	Dermatology	Vol 195, p311-316	1997	Dermatology	Neuropathy	Histamine	Skin	Axon Reflexes
123	Stücker, M., Reuther, T., Hoffmann, K., Aicher, B. and Altmeyer, P.	The effect of the base on the kinetics of action of the capsaicinoid nonivamide: Evaluation with a hyperemic test	Skin Pharmacol Appl Skin Physiol	Vol 12, p289-298	1999	Dermatology	Healthy tissue	Capsaicin	Skin	Axon Reflexes
118	Stücker, M., Reuther, T., Hoffmann, K., Aicher, B. and Altmeyer, P.	Quantification of cutaneous pharmacological reactions: comparison of laser Doppler scanning, colorimetry, planimetry and skin temperature measurement	Skin Research and Technology	Vol 1	1995	Dermatology	Others	Others	Skin	Method Comparison
113	Stücker, M., Reuther, T., Hoffmann, K., Jeske, M., Schaffstein, J. und Altmeyer, P.	Nicht-invasive evaluation der kutanen Mikrozirkulation	Aktuelle Dermatologie	Vol 21, p4-10 (In German with English Abstract)	1995	Dermatology	Healthy tissue	Histamine	Skin	Others
126	Swaim, S. F.	Advances in wound healing in small animal practice: current status and lines of development	Veterinary Dermatology	Vol 8, p249-257	1997	Others	Ulcers and Wounds	None	Skin	Wound Healing

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124	Svedman, C., Cherry, G.W. and Ryan, T.J.	The veno-arteriolar reflex in venous leg ulcer patients studied by laser Doppler imaging	Acta Derm Venereol	Vol 78, pp 258-261	1998	Dermatology	Ulcers and Wounds	Others	Skin	Posture
125	Svedman, C., Cherry, G.W., Strigini, E. and Ryan, T.J.	Laser Doppler imaging of skin microcirculation	Acta Derm Venereol	Vol 78, p114-118	1998	Dermatology	Healthy tissue	None	Skin	Posture
127	Sörensen, J., Bengtsson, M., Malmqvist, E., L.Å., Nilsson, G. and Sjöberg, F.	Laser Doppler perfusion imager (LDPI) - for the assessment of skin blood flow changes following sympathetic blocks	Acta Anaesthesiol Scand	Vol 40, p1145-1148	1996	Medicine	Inflammation	Others	Skin	Sympathectomy
160	Troilius, A.	Characterisation and Treatment of Patients with Port Wine Stains with Special Reference to the Emotional Impact	Department of Dermatology, University Hospital Malmö, Lund University		1999	Dermatology	Port Wine Stains	None	Skin	Laser Treatment
128	Troilius, A., Wårdell, K., Bornmyr, S., Nilsson, G.E., Ljunggren, B.	Evaluation of port wine stain perfusion by laser Doppler imaging and thermography before and after argon laser treatment	Acta Derm Venereol (Stockh)	Vol 72, p6-10	1992	Dermatology	Port Wine Stains	None	Skin	Laser Treatment
129	Troilus, A.M. and Ljunggren, B.	Evaluation of port wine stains by laser Doppler perfusion imaging and reflectance photometry before and after pulsed dye laser treatment	Acta Derm Venereol	Vol 76, p291-294	1996	Dermatology	Port Wine Stains	None	Skin	Laser Treatment
130	Uhl, E., Sirsjö, A., Haapaniemi, T., Nilsson, G. and Nylander, G.	Hyperbaric oxygen improves wound healing in normal and ischemic skin tissue	J Plast & Reconstr Surg	Vol 93, No 4, p835-841	1994	Others	Ulcers and Wounds	Oxygen	Skin	Wound Healing
131	Uhl, E., Sirsjö, A., Nilsson, G.E. and Nylander, G.	Influence of Ketamine and Pentobarbital on microvascular perfusion in normal skin and skin flaps	Int J Microcirc: Clin & Exp	Vol 14, p308-312	1994	Others	Ischemia	Ketamine	Skin	Wound Healing
134	Wang, I., Andersson-Engels, S., Nilsson, G.E., Wårdell, K. and Svanberg, K.	Superficial blood flow following photodynamic therapy of malignant non-melanoma skin tumours measured by laser Doppler perfusion imaging	Brit J Derm	Vol 136, p184-189	1997	Others	Tumours	Others	Skin	PDT
133	Veves, A., Akbari, C.M., Primavera, J., Donaghue, V.M., Zacharoulis, D., Chrzan, J.S., De Girolami, U., LoGerfo, F.W. and Freeman, R.	Endothelial dysfunction and the expression of endothelial nitric oxide synthetase in diabetic neuropathy, vascular disease, and foot ulceration	Diabetes	Vol. 47, p457-463	1998	Medicine	Diabetes	AcetylCholine	Skin	Iontophoresis
132	Veves, A., Saouaf, R., Donaghue, V.M., Mullooly, C.A., Kistler, J.A., Giurini, J.M., Horton, E.S. and Fielding, R.A.	Aerobic exercise capacity remains normal despite impaired endothelial function in the micro- and macrocirculation of physically active IDDM patients	Diabetes	Vol. 46, November, p1846-1852	1997	Medicine	Diabetes	AcetylCholine	Skin	Iontophoresis
152	Wårdell K., Anderson, C. and Andersson T.	Visualization of the microcirculation by laser Doppler perfusion imaging	SigBio Newsletter	Vol 15, No 1, p9-11	1995	Dermatology	Healthy tissue	Others	Skin	Microdialysis
140	Wårdell, K.	Does low power laser light used in laser Doppler systems affect the sensory nerves?	Skin Research and Technology	Vol 3, p233-236	1997	Biomedical Engineering	Healthy tissue	None	Skin	Methodology
161	Wårdell, K.	Laser Doppler perfusion imaging - Methodology and skin applications	Linköping Studies in Science and Technology	Thesis No. 329	1994	Biomedical Engineering	Others	None	Skin	Thesis
151	Wårdell, K. and Nilsson, G.	Tissue blood flow mapping using laser technology	SPIE Proceeding Series	Vol 2390	1995	Biomedical Engineering	Others	None	Skin	Methodology
150	Wårdell, K. and Nilsson, G.	Laser Doppler imaging of skin	Handbook of non-invasive methods and the skin, Ed: Serup, J. and Jemec, B.E.	CRC Press, London, p421-428	1995	Biomedical Engineering	Others	None	Skin	Overviews
139	Wårdell, K. and Nilsson, G.E.	Duplex laser Doppler perfusion imaging	Microvascular Research	Vol 52, p171-182	1996	Biomedical Engineering	Healthy tissue	None	Skin	Methodology
149	Wårdell, K., Jakobsson, A., Nilsson, G.E.	Laser imager maps microvascular flow	Diagnostic Imaging International	March/April	1991	Biomedical Engineering	Others	None	Skin	Methodology
138	Wårdell, K., Andersson, T. and Andersen, C.	Analysis of laser Doppler perfusion images of experimental irritant skin reactions	Skin Research and Technology	Vol 2, p149-157	1996	Dermatology	Skin Irritation	Dithranol	Skin	Patch Testing
137	Wårdell, K., Braverman, I.M., Silverman, D.G. and Nilsson, G.	Spatial heterogeneity in normal skin perfusion recorded with laser Doppler imaging and flowmetry	Microvascular Research	Vol 48, p26-38	1994	Dermatology	Healthy tissue	Histamine	Skin	Methodology
135	Wårdell, K., Jakobsson, A.J., Nilsson, G.E.	Laser Doppler perfusion imaging by dynamic light scattering	IEEE Trans on Biomedical Engineering	Vol 40, No 4, p309 - 316	1993	Biomedical Engineering	Others	None	Skin	Methodology
136	Wårdell, K., Naver, H.K., Nilsson, G.E., Wallin, B.G	The cutaneous vascular axon reflex in humans characterized by laser Doppler perfusion imaging	Journal of Physiology	Vol 460, p185-199	1993	Dermatology	Healthy tissue	None	Skin	Axon Reflexes