

# Esko Kankuri

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

2,717  
citations

159525

30  
h-index

214721

47  
g-index

112  
all docs

112  
docs citations

112  
times ranked

4077  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotic supplementation improves tolerance to <i>Helicobacter pylori</i> eradication therapy - a placebo-controlled, double-blind randomized pilot study. <i>Alimentary Pharmacology and Therapeutics</i> , 2005, 21, 1263-1272.	1.9	183
2	Superhydrophobic Blood-Repellent Surfaces. <i>Advanced Materials</i> , 2018, 30, e1705104.	11.1	146
3	Extracellular membrane vesicles from umbilical cord blood-derived MSC protect against ischemic acute kidney injury, a feature that is lost after inflammatory conditioning. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	5.5	136
4	Discovery of Small Molecules that Activate RNA Methylation through Cooperative Binding to the METTL3-14-WTAP Complex Active Site. <i>Cell Reports</i> , 2019, 26, 3762-3771.e5.	2.9	121
5	Polymorphisms of COX-1 and GP VI associate with the antiplatelet effect of aspirin in coronary artery disease patients. <i>Thrombosis and Haemostasis</i> , 2006, 95, 253-259.	1.8	110
6	Induction of Hepatocyte Growth Factor/Scatter Factor by Fibroblast Clustering Directly Promotes Tumor Cell Invasiveness. <i>Cancer Research</i> , 2005, 65, 9914-9922.	0.4	85
7	A New Medical Device Regeneracons Allows to Obtain Viable Micro-Grafts From Mechanical Disaggregation of Human Tissues. <i>Journal of Cellular Physiology</i> , 2015, 230, 2299-2303.	2.0	81
8	Incidence, treatment and outcome of peripartum sepsis. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2003, 82, 730-735.	1.3	75
9	Formation and activation of fibroblast spheroids depend on fibronectin-integrin interaction. <i>Experimental Cell Research</i> , 2008, 314, 3444-3452.	1.2	68
10	Human skin transcriptome during superficial cutaneous wound healing. <i>Wound Repair and Regeneration</i> , 2012, 20, 830-839.	1.5	66
11	Autologous bone marrow mononuclear cell transplantation in ischemic heart failure: A prospective, controlled, randomized, double-blind study of cell transplantation combined with coronary bypass. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 567-574.	0.3	65
12	Effects of Multispecies Probiotic Combination on <i>Helicobacter pylori</i> Infection In Vitro. <i>Vaccine Journal</i> , 2008, 15, 1472-1482.	3.2	63
13	NOD-like receptor signaling and inflammasome-related pathways are highlighted in psoriatic epidermis. <i>Scientific Reports</i> , 2016, 6, 22745.	1.6	63
14	Immunophenotypic profile of nucleated erythroid progenitors during maturation in regenerating bone marrow. <i>Leukemia and Lymphoma</i> , 2013, 54, 2523-2530.	0.6	60
15	Rational Design of Novel Anticancer Small-Molecule RNA m6A Demethylase ALKBH5 Inhibitors. <i>ACS Omega</i> , 2021, 6, 13310-13320.	1.6	57
16	Effects of a COX-2 preferential agent nimesulide on TNBS-induced acute inflammation in the gut. <i>Inflammation</i> , 2001, 25, 301-310.	1.7	46
17	Antimicrobial peptides - Unleashing their therapeutic potential using nanotechnology. , 2022, 232, 107990.		44
18	Probiotic intervention decreases serum gastrin-17 in <i>Helicobacter pylori</i> infection. <i>Digestive and Liver Disease</i> , 2007, 39, 516-523.	0.4	41

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19	Clustering of fibroblasts induces proinflammatory chemokine secretion promoting leukocyte migration. <i>Molecular Immunology</i> , 2009, 46, 1787-1795.	1.0	41
20	Induction of iNOS in a rat model of acute colitis. <i>Inflammation</i> , 1999, 23, 141-152.	1.7	40
21	Nitric oxide-related species-induced protein oxidation: Reversible, irreversible, and protective effects on enzyme function of papain. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1102-1111.	1.3	40
22	Gene expression profiling of negative-pressure-treated skin graft donor site wounds. <i>Burns</i> , 2013, 39, 687-693.	1.1	40
23	Cathepsin B is a differentiation-resistant target for nitroxyl (HNO) in THP-1 monocyte/macrophages. <i>Free Radical Biology and Medicine</i> , 2006, 41, 120-131.	1.3	38
24	Keto Amphetamine Toxicity—Focus on the Redox Reactivity of the Cathinone Designer Drug Mephedrone. <i>Toxicological Sciences</i> , 2014, 141, 120-131.	1.4	35
25	Evaluation of Optogenetic Electrophysiology Tools in Human Stem Cell-Derived Cardiomyocytes. <i>Frontiers in Physiology</i> , 2017, 8, 884.	1.3	35
26	Hematogones in acute leukemia during and after therapy. <i>Leukemia and Lymphoma</i> , 2008, 49, 1935-1944.	0.6	34
27	Human Wound-Healing Research: Issues and Perspectives for Studies Using Wide-Scale Analytic Platforms. <i>Advances in Wound Care</i> , 2014, 3, 264-271.	2.6	34
28	Characterizing the Key Metabolic Pathways of the Neonatal Mouse Heart Using a Quantitative Combinatorial Omics Approach. <i>Frontiers in Physiology</i> , 2018, 9, 365.	1.3	34
29	Bone marrow mesenchymal stem cells undergo necrosis and induce keratinocyte wound healing utilizing the HGF/c-Met/PI3K pathway. <i>Wound Repair and Regeneration</i> , 2009, 17, 569-577.	1.5	33
30	hHGF Overexpression in Myoblast Sheets Enhances Their Angiogenic Potential in Rat Chronic Heart Failure. <i>PLoS ONE</i> , 2011, 6, e19161.	1.1	32
31	Mitochondrial respiratory dysfunction due to the conversion of substituted cathinones to methylbenzamides in SH-SY5Y cells. <i>Scientific Reports</i> , 2015, 5, 14924.	1.6	31
32	Water and Blood Repellent Flexible Tubes. <i>Scientific Reports</i> , 2017, 7, 16019.	1.6	31
33	Bcl-2 Expression Enhances Myoblast Sheet Transplantation Therapy for Acute Myocardial Infarction. <i>Cell Transplantation</i> , 2010, 19, 573-588.	1.2	29
34	Fibroblast necrosis arrests growth and induces differentiation of human leukemia cells. <i>International Journal of Cancer</i> , 2008, 122, 1243-1252.	2.3	28
35	Inhibition of Skin Wound Contraction by Nanofibrillar Cellulose Hydrogel. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 357e-366e.	0.7	26
36	Cell-cell contact activation of fibroblasts increases the expression of matrix metalloproteinases. <i>Annals of Medicine</i> , 2006, 38, 212-220.	1.5	25

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37	Persistent susceptibility of cathepsin B to irreversible inhibition by nitroxyl (HNO) in the presence of endogenous nitric oxide. <i>Free Radical Biology and Medicine</i> , 2008, 45, 749-755.	1.3	24
38	Dual-light photodynamic therapy administered daily provides a sustained antibacterial effect on biofilm and prevents <i>Streptococcus mutans</i> adaptation. <i>PLoS ONE</i> , 2020, 15, e0232775.	1.1	23
39	Angiotensin receptors in the eyes of arterial hypertensive rats. <i>Acta Ophthalmologica</i> , 2010, 88, 431-438.	0.6	22
40	Gene expression analysis of skin grafts and cultured keratinocytes using synthetic RNA normalization reveals insights into differentiation and growth control. <i>BMC Genomics</i> , 2015, 16, 476.	1.2	21
41	Expression of Cytochrome P450 (CYP) Enzymes in Human Nonpigmented Ciliary Epithelial Cells: Induction of CYP1B1 Expression by TCDD. , 2009, 50, 3099.		20
42	Paracrine factors from fibroblast aggregates in a fibrin matrix carrier enhance keratinocyte viability and migration. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 658-664.	2.1	20
43	Epicardial transplantation of atrial appendage micrograft patch salvages myocardium after infarction. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 707-718.	0.3	20
44	Small-Molecule Inhibitors of the RNA M6A Demethylases FTO Potently Support the Survival of Dopamine Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4537.	1.8	20
45	Bcl-2 Improves Myoblast Sheet Therapy in Rat Chronic Heart Failure. <i>Tissue Engineering - Part A</i> , 2011, 17, 115-125.	1.6	19
46	Epicardial delivery of autologous atrial appendage micrografts during coronary artery bypass surgery – safety and feasibility study. <i>Pilot and Feasibility Studies</i> , 2017, 3, 74.	0.5	18
47	Comparison of Arrhythmogenicity and Proinflammatory Activity Induced by Intramyocardial or Epicardial Myoblast Sheet Delivery in a Rat Model of Ischemic Heart Failure. <i>PLoS ONE</i> , 2015, 10, e0123963.	1.1	17
48	The Paracrine Effect of Skeletal Myoblasts is Cardioprotective against Oxidative Stress and Involves EGFR-ErbB4 Signaling, Cystathionase, and the Unfolded Protein Response. <i>Cell Transplantation</i> , 2016, 25, 55-69.	1.2	17
49	Intracellular signalling pathways and cytoskeletal functions converge on the psoriasis candidate gene CCHCR1 expressed at P-bodies and centrosomes. <i>BMC Genomics</i> , 2018, 19, 432.	1.2	17
50	Direct Ink Writing of Biocompatible Nanocellulose and Chitosan Hydrogels for Implant Mesh Matrices. <i>ACS Polymers Au</i> , 2022, 2, 97-107.	1.7	16
51	Recombinant human collagen III gel for transplantation of autologous skin cells in porcine full-thickness wounds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 1386-1393.	1.3	15
52	Intraoperative processing and epicardial transplantation of autologous atrial tissue for cardiac repair. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 1020-1022.	0.3	15
53	A microfluidic oxygen sink to create a targeted cellular hypoxic microenvironment under ambient atmospheric conditions. <i>Acta Biomaterialia</i> , 2018, 73, 167-179.	4.1	15
54	Thrombospondin-4 Is a Soluble Dermal Inflammatory Signal That Selectively Promotes Fibroblast Migration and Keratinocyte Proliferation for Skin Regeneration and Wound Healing. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 745637.	1.8	15

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55	Angeli's Salt and Spinal Motor Neuron Injury. <i>Free Radical Research</i> , 2004, 38, 271-282.	1.5	13
56	HIV Replication Is Increased by RNA Methylation METTL3/METTL14/WTAP Complex Activators. <i>ACS Omega</i> , 2021, 6, 15957-15963.	1.6	13
57	Prospective, randomized, double-blinded trial of bone marrow cell transplantation combined with coronary surgery " perioperative safety study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 990-996.	0.5	12
58	Bacterial nanocellulose enables auxetic supporting implants. <i>Carbohydrate Polymers</i> , 2022, 284, 119198.	5.1	12
59	Effects of phenacetin and its metabolite p-phenetidine on COX-1 and COX-2 activities and expression in vitro. <i>Thrombosis Research</i> , 2003, 110, 299-303.	0.8	11
60	Effects of milk casein-derived tripeptides Ile-Pro-Pro, Val-Pro-Pro, and Leu-Pro-Pro on enzymes processing vasoactive precursors in vitro. <i>Arzneimittelforschung</i> , 2010, 60, 182-185.	0.5	11
61	Improved skin wound epithelialization by topical delivery of soluble factors from fibroblast aggregates. <i>Burns</i> , 2012, 38, 541-550.	1.1	11
62	Primary Ciliary Signaling in the Skin"Contribution to Wound Healing and Scarring. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 578384.	1.8	11
63	Ligation of Ameroid-Stenosed Coronary Artery Leads to Reproducible Myocardial Infarction"A Pilot Study in a Porcine Model. <i>Journal of Surgical Research</i> , 2007, 142, 195-201.	0.8	10
64	Polyglycolic Acid Glue Does Not Prevent Intrapericardial Adhesions in a Short-Term Follow-Up. <i>Journal of Surgical Research</i> , 2008, 148, 181-184.	0.8	10
65	Epitranscriptomics of Ischemic Heart Disease"The IHD-EPITRAN Study Design and Objectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6630.	1.8	10
66	Indocyanine Green-Assisted and LED-Light-Activated Antibacterial Photodynamic Therapy Reduces Dental Plaque. <i>Dentistry Journal</i> , 2021, 9, 52.	0.9	9
67	Rational Autologous Cell Sources For Therapy of Heart Failure - Vehicles and Targets For Gene and RNA Therapies. <i>Current Gene Therapy</i> , 2016, 16, 21-33.	0.9	9
68	Intramyocardial bone marrow mononuclear cell transplantation in ischemic heart failure: Long-term follow-up. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 899-905.	0.3	8
69	A Microfluidic Chip Architecture Enabling a Hypoxic Microenvironment and Nitric Oxide Delivery in Cell Culture. <i>Micromachines</i> , 2020, 11, 979.	1.4	8
70	Exacerbation of acute kidney injury by bone marrow stromal cells from rats with persistent renin"angiotensin system activation. <i>Clinical Science</i> , 2015, 128, 735-747.	1.8	7
71	Combining FDG-PET and 99mTc-SPECT to predict functional outcome after coronary artery bypass surgery. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1023-30.	0.5	6
72	Case Report: Unravelling the Mysterious Lichtenberg Figure Skin Response in a Patient With a High-Voltage Electrical Injury. <i>Frontiers in Medicine</i> , 2021, 8, 663807.	1.2	6

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73	Epicardial Transplantation of Autologous Cardiac Micrografts During Coronary Artery Bypass Surgery. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 726889.	1.1	6
74	Olfactomedin-4 improves cutaneous wound healing by promoting skin cell proliferation and migration through POU5F1/OCT4 and ESR1 signalling cascades. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 157.	2.4	6
75	Repeated Home-Applied Dual-Light Antibacterial Photodynamic Therapy Can Reduce Plaque Burden, Inflammation, and aMMP-8 in Peri-Implant Disease—A Pilot Study. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1273-1283.	1.0	6
76	Resuscitated unconscious male: Lichtenberg's sign lighting the way. <i>Intensive Care Medicine</i> , 2017, 43, 1148-1149.	3.9	5
77	Blood-Repellent Surfaces: Superhydrophobic Blood-Repellent Surfaces (Adv. Mater. 24/2018). <i>Advanced Materials</i> , 2018, 30, 1870173.	11.1	5
78	Improved diastolic function after myoblast transplantation in a model of ischemia-infarction. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 100-109.	0.4	4
79	Effects of angiotensin II blockade on cardiomyocyte regeneration after myocardial infarction in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 92-102.	1.0	4
80	Metatranscriptomic assessment of burn wound infection clearance. <i>Clinical Microbiology and Infection</i> , 2021, 27, 144-146.	2.8	4
81	Dual-Light Photodynamic Therapy Effectively Eliminates <i>Streptococcus Oralis</i> Biofilms. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2021, 24, 484-487.	0.9	4
82	Daily Administered Dual-Light Photodynamic Therapy Provides a Sustained Antibacterial Effect on <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2021, 10, 1240.	1.5	4
83	Somatic Stem Cell Transplantation for the Failing Heart. <i>Scandinavian Journal of Surgery</i> , 2007, 96, 131-139.	1.3	3
84	Spontaneous recovery of myocardial function after ligation of Ameroid-stenosed coronary artery. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 408-416.	0.4	3
85	Advances in Cell Transplantation Therapy for Diseased Myocardium. <i>Stem Cells International</i> , 2011, 2011, 1-8.	1.2	3
86	Donor Site Healing Dynamics. <i>Journal of Burn Care and Research</i> , 2015, 36, e104.	0.2	3
87	Cellular Cardiomyoplasty – Challenges of a New Era. <i>Current Tissue Engineering</i> , 2015, 4, 41-46.	0.2	3
88	Manganese-Enhanced Magnetic Resonance Imaging Reveals Differential Long-Term Neuroadaptation After Methamphetamine and the Substituted Cathinone 4-Methylmethcathinone (Mephedrone). <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu106-pyu106.	1.0	3
89	Discovery of increased epidermal DNAH10 expression after regeneration of dermis in a randomized with-in person trial – reflections on psoriatic inflammation. <i>Scientific Reports</i> , 2019, 9, 19136.	1.6	3
90	Ischemic Heart Disease Selectively Modifies the Right Atrial Appendage Transcriptome. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 728198.	1.1	3

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91	Structural and Functional Support by Left Atrial Appendage Transplant to the Left Ventricle after a Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4661.	1.8	3
92	Heat Shock Enhances Troponin Expression and Decreases Differentiation-Associated Caspase-3 Dependence in Myoblasts Under Hypoxia. <i>Journal of Surgical Research</i> , 2010, 161, 62-68.	0.8	2
93	Conditioned Aversion and Neuroplasticity Induced by a Superagonist of Extrasynaptic GABAA Receptors: Correlation With Activation of the Oval BNST Neurons and CRF Mechanisms. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 130.	1.4	2
94	COX-2 expression in fibroblast aggregates as a functional indicator for the anti-inflammatory activity of leukemia patients' bone marrow-derived hematopoietic cells. <i>Neoplasma</i> , 2012, 59, 574-583.	0.7	1
95	The fractal lightning burn results from a positively charged strike. <i>Intensive Care Medicine</i> , 2017, 43, 1167-1168.	3.9	1
96	Induced Granulation Tissue but not Artificial Dermis Enhances Early Host-Graft Interactions in Full-Thickness Burn Wounds. <i>World Journal of Surgery</i> , 2018, 42, 981-991.	0.8	1
97	Alcohol Co-Administration Changes Mephedrone-Induced Alterations of Neuronal Activity. <i>Frontiers in Pharmacology</i> , 2021, 12, 679759.	1.6	1
98	Leukemic cells modulate induction of COX-2 in human stromal fibroblasts. <i>Neoplasma</i> , 2011, 58, 525-531.	0.7	0
99	Title is missing!. , 2020, 15, e0232775.		0
100	Title is missing!. , 2020, 15, e0232775.		0
101	Title is missing!. , 2020, 15, e0232775.		0
102	Title is missing!. , 2020, 15, e0232775.		0
103	Title is missing!. , 2020, 15, e0232775.		0
104	Title is missing!. , 2020, 15, e0232775.		0