

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	Antimicrobial peptides “ Unleashing their therapeutic potential using nanotechnology. , 2022, 232, 107990.		44
2	Bacterial nanocellulose enables auxetic supporting implants. Carbohydrate Polymers, 2022, 284, 119198.	5.1	12
3	Direct Ink Writing of Biocompatible Nanocellulose and Chitosan Hydrogels for Implant Mesh Matrices. ACS Polymers Au, 2022, 2, 97-107.	1.7	16
4	Olfactomedin-4 improves cutaneous wound healing by promoting skin cell proliferation and migration through POU5F1/OCT4 and ESR1 signalling cascades. Cellular and Molecular Life Sciences, 2022, 79, 157.	2.4	6
5	Repeated Home-Applied Dual-Light Antibacterial Photodynamic Therapy Can Reduce Plaque Burden, Inflammation, and aMMP-8 in Peri-Implant Disease”A Pilot Study. Current Issues in Molecular Biology, 2022, 44, 1273-1283.	1.0	6
6	Structural and Functional Support by Left Atrial Appendage Transplant to the Left Ventricle after a Myocardial Infarction. International Journal of Molecular Sciences, 2022, 23, 4661.	1.8	3
7	Metatranscriptomic assessment of burn wound infection clearance. Clinical Microbiology and Infection, 2021, 27, 144-146.	2.8	4
8	Small-Molecule Inhibitors of the RNA M6A Demethylases FTO Potently Support the Survival of Dopamine Neurons. International Journal of Molecular Sciences, 2021, 22, 4537.	1.8	20
9	Alcohol Co-Administration Changes Mephedrone-Induced Alterations of Neuronal Activity. Frontiers in Pharmacology, 2021, 12, 679759.	1.6	1
10	Indocyanine Green-Assisted and LED-Light-Activated Antibacterial Photodynamic Therapy Reduces Dental Plaque. Dentistry Journal, 2021, 9, 52.	0.9	9
11	Rational Design of Novel Anticancer Small-Molecule RNA m6A Demethylase ALKBH5 Inhibitors. ACS Omega, 2021, 6, 13310-13320.	1.6	57
12	Case Report: Unravelling the Mysterious Lichtenberg Figure Skin Response in a Patient With a High-Voltage Electrical Injury. Frontiers in Medicine, 2021, 8, 663807.	1.2	6
13	Epitranscriptomics of Ischemic Heart Disease”The IHD-EPITRAN Study Design and Objectives. International Journal of Molecular Sciences, 2021, 22, 6630.	1.8	10
14	HIV Replication Is Increased by RNA Methylation METTL3/METTL14/WTAP Complex Activators. ACS Omega, 2021, 6, 15957-15963.	1.6	13
15	Thrombospondin-4 Is a Soluble Dermal Inflammatory Signal That Selectively Promotes Fibroblast Migration and Keratinocyte Proliferation for Skin Regeneration and Wound Healing. Frontiers in Cell and Developmental Biology, 2021, 9, 745637.	1.8	15
16	Epicardial Transplantation of Autologous Cardiac Micrografts During Coronary Artery Bypass Surgery. Frontiers in Cardiovascular Medicine, 2021, 8, 726889.	1.1	6
17	Dual-Light Photodynamic Therapy Effectively Eliminates Streptococcus Oralís Biofilms. Journal of Pharmacy and Pharmaceutical Sciences, 2021, 24, 484-487.	0.9	4
18	Daily Administered Dual-Light Photodynamic Therapy Provides a Sustained Antibacterial Effect on Staphylococcus aureus. Antibiotics, 2021, 10, 1240.	1.5	4

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19	Ischemic Heart Disease Selectively Modifies the Right Atrial Appendage Transcriptome. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 728198.	1.1	3
20	A Microfluidic Chip Architecture Enabling a Hypoxic Microenvironment and Nitric Oxide Delivery in Cell Culture. <i>Micromachines</i> , 2020, 11, 979.	1.4	8
21	Primary Ciliary Signaling in the Skinâ€™s Contribution to Wound Healing and Scarring. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 578384.	1.8	11
22	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
23	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
24	Title is missing!. , 2020, 15, e0232775.		0
25	Title is missing!. , 2020, 15, e0232775.		0
26	Title is missing!. , 2020, 15, e0232775.		0
27	Title is missing!. , 2020, 15, e0232775.		0
28	Title is missing!. , 2020, 15, e0232775.		0
29	Title is missing!. , 2020, 15, e0232775.		0
30	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
31	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
32	Discovery of increased epidermal DNAH10 expression after regeneration of dermis in a randomized with-in person trial â€™ reflections on psoriatic inflammation. <i>Scientific Reports</i> , 2019, 9, 19136.	1.6	3
33	Superhydrophobic Bloodâ€™Repellent Surfaces. <i>Advanced Materials</i> , 2018, 30, e1705104.	11.1	146
34	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
35	Inhibition of Skin Wound Contraction by Nanofibrillar Cellulose Hydrogel. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 357e-366e.	0.7	26
36	Induced Granulation Tissue but not Artificial Dermis Enhances Early Hostâ€™Graft Interactions in Fullâ€™Thickness Burn Wounds. <i>World Journal of Surgery</i> , 2018, 42, 981-991.	0.8	1

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37	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
38	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
39	Blood-Repellent Surfaces: Superhydrophobic Blood-Repellent Surfaces (<i>Adv. Mater.</i> 24/2018). <i>Advanced Materials</i> , 2018, 30, 1870173.	11.1	5
40	The fractal lightning burn results from a positively charged strike. <i>Intensive Care Medicine</i> , 2017, 43, 1167-1168.	3.9	1
41	Resuscitated unconscious male: Lichtenberg's sign lighting the way. <i>Intensive Care Medicine</i> , 2017, 43, 1148-1149.	3.9	5
42	Water and Blood Repellent Flexible Tubes. <i>Scientific Reports</i> , 2017, 7, 16019.	1.6	31
43	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
44	Evaluation of Optogenetic Electrophysiology Tools in Human Stem Cell-Derived Cardiomyocytes. <i>Frontiers in Physiology</i> , 2017, 8, 884.	1.3	35
45	Epicardial delivery of autologous atrial appendage micrografts during coronary artery bypass surgery—a safety and feasibility study. <i>Pilot and Feasibility Studies</i> , 2017, 3, 74.	0.5	18
46	NOD-like receptor signaling and inflammasome-related pathways are highlighted in psoriatic epidermis. <i>Scientific Reports</i> , 2016, 6, 22745.	1.6	63
47	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
48	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
49	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
50	Donor Site Healing Dynamics. <i>Journal of Burn Care and Research</i> , 2015, 36, e104.	0.2	3
51	A New Medical Device Rigeneracons 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
52	Cellular Cardiomyoplasty – Challenges of a New Era. <i>Current Tissue Engineering</i> , 2015, 4, 41-46.	0.2	3
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	Gene expression profiling of negative-pressure-treated skin graft donor site wounds. <i>Burns</i> , 2013, 39, 687-693.	1.1	40
66	Immunophenotypic profile of nucleated erythroid progenitors during maturation in regenerating bone marrow. <i>Leukemia and Lymphoma</i> , 2013, 54, 2523-2530.	0.6	60
67	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
68	Improved skin wound epithelialization by topical delivery of soluble factors from fibroblast aggregates. <i>Burns</i> , 2012, 38, 541-550.	1.1	11
69	Human skin transcriptome during superficial cutaneous wound healing. <i>Wound Repair and Regeneration</i> , 2012, 20, 830-839.	1.5	66
70	COX-2 expression in fibroblast aggregates as a functional indicator for the anti-inflammatory activity of leukemia patients' bone marrow-derived hematopoietic cells. <i>Neoplasia</i> , 2012, 59, 574-583.	0.7	1
71	Bcl-2 Improves Myoblast Sheet Therapy in Rat Chronic Heart Failure. <i>Tissue Engineering - Part A</i> , 2011, 17, 115-125.	1.6	19
72	Advances in Cell Transplantation Therapy for Diseased Myocardium. <i>Stem Cells International</i> , 2011, 2011, 1-8.	1.2	3

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73	Leukemic cells modulate induction of COX-2 in human stromal fibroblasts. <i>Neoplasma</i> , 2011, 58, 525-531.	0.7	0
74	hHGF Overexpression in Myoblast Sheets Enhances Their Angiogenic Potential in Rat Chronic Heart Failure. <i>PLoS ONE</i> , 2011, 6, e19161.	1.1	32
75	Angiotensin receptors in the eyes of arterial hypertensive rats. <i>Acta Ophthalmologica</i> , 2010, 88, 431-438.	0.6	22
76	Bcl-2 Expression Enhances Myoblast Sheet Transplantation Therapy for Acute Myocardial Infarction. <i>Cell Transplantation</i> , 2010, 19, 573-588.	1.2	29
77	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
78	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
79	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
80	Expression of Cytochrome P450 (CYP) Enzymes in Human Nonpigmented Ciliary Epithelial Cells: Induction of CYP1B1 Expression by TCDD. , 2009, 50, 3099.		20
81	Spontaneous recovery of myocardial function after ligation of Ameroid-stenosed coronary artery. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 408-416.	0.4	3
82	Improved diastolic function after myoblast transplantation in a model of ischemia-infarction. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 100-109.	0.4	4
83	Bone marrow mesenchymal stem cells undergo nemosis and induce keratinocyte wound healing utilizing the HGF/cMet/PI3K pathway. <i>Wound Repair and Regeneration</i> , 2009, 17, 569-577.	1.5	33
84	Clustering of fibroblasts induces proinflammatory chemokine secretion promoting leukocyte migration. <i>Molecular Immunology</i> , 2009, 46, 1787-1795.	1.0	41
85	Fibroblast nemosis arrests growth and induces differentiation of human leukemia cells. <i>International Journal of Cancer</i> , 2008, 122, 1243-1252.	2.3	28
86	Formation and activation of fibroblast spheroids depend on fibronectin-integrin interaction. <i>Experimental Cell Research</i> , 2008, 314, 3444-3452.	1.2	68
87	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
88	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
89	Hematogones in acute leukemia during and after therapy. <i>Leukemia and Lymphoma</i> , 2008, 49, 1935-1944.	0.6	34
90	Effects of Multispecies Probiotic Combination on <i>Helicobacter pylori</i> Infection In Vitro. <i>Vaccine Journal</i> , 2008, 15, 1472-1482.	3.2	63

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91	Ligation of Ameroid-Stenosed Coronary Artery Leads to Reproducible Myocardial Infarctionâ€”A Pilot Study in a Porcine Model. <i>Journal of Surgical Research</i> , 2007, 142, 195-201.	0.8	10
92	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
93	Somatic Stem Cell Transplantation for the Failing Heart. <i>Scandinavian Journal of Surgery</i> , 2007, 96, 131-139.	1.3	3
94	Cellâ€cell contact activation of fibroblasts increases the expression of matrix metalloproteinases. <i>Annals of Medicine</i> , 2006, 38, 212-220.	1.5	25
95	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
96	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
97	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
98	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
99	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
100	Angeli's Salt and Spinal Motor Neuron Injury. <i>Free Radical Research</i> , 2004, 38, 271-282.	1.5	13
101	Incidence, treatment and outcome of peripartum sepsis. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2003, 82, 730-735.	1.3	75
102	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
103	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
104	Induction of iNOS in a rat model of acute colitis. <i>Inflammation</i> , 1999, 23, 141-152.	1.7	40