

Seppo Yl-Herttuala

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

632 papers	38,250 citations	98 h-index	172 g-index
705 ext. papers	41,955 ext. citations	7.3 avg, IF	7.07 L-index

#	Paper	IF	Citations
632	Nuclear microRNA-466c regulates Vegfa expression in response to hypoxia.. <i>PLoS ONE</i> , 2022 , 17, e0265948	3.7	2
631	Rapid high-throughput compatible label-free virus particle quantification method based on time-resolved luminescence.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 1	4.4	0
630	Computed tomography coronary angiography for patients with heart failure (CTA-HF): a randomized controlled trial (IMAGE-HF 1C). <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1083-1090	4.1	4
629	Assessment of myocardial viability with [O]water PET: A validation study in experimental myocardial infarction. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1271-1280	2.1	5
628	Functional roles of the membrane-associated AAV protein MAAP. <i>Scientific Reports</i> , 2021 , 11, 21698	4.9	3
627	Adenoviral VEGF-B186R127S gene transfer induces angiogenesis and improves perfusion in ischemic heart.. <i>IScience</i> , 2021 , 24, 103533	6.1	0
626	SUR1-E1506K mutation impairs glucose tolerance and promotes vulnerable atherosclerotic plaque phenotype in hypercholesterolemic mice. <i>PLoS ONE</i> , 2021 , 16, e0258408	3.7	1
625	Finnish Society of Gene and Cell Therapy: A Visionary and Creative Player in the Field. <i>Human Gene Therapy</i> , 2021 , 32, 986	4.8	
624	Genome-Wide Association Study of Peripheral Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e002862	5.2	3
623	PeptiCHIP: A Microfluidic Platform for Tumor Antigen Landscape Identification. <i>ACS Nano</i> , 2021 , 15, 15990-16010	20.1	10
622	Therapeutic Angiogenesis: Translational and Clinical Experience 2021 , 1-45		
621	Management of refractory angina: an update. <i>European Heart Journal</i> , 2021 , 42, 269-283	9.5	10
620	Optimized Protocol for Accurate Titration of Adeno-Associated Virus Vectors. <i>Human Gene Therapy</i> , 2021 , 32, 1270-1279	4.8	2
619	Gene therapy for ischaemic heart disease and heart failure. <i>Journal of Internal Medicine</i> , 2021 , 290, 567-582	5.8	6
618	Evaluation of glucagon-like peptide-1 receptor expression in nondiabetic and diabetic atherosclerotic mice using PET tracer Ga-NODAGA-exendin-4. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E989-E998	6	3
617	Genomic Landscapes of Noncoding RNAs Regulating and Expression in Endothelial Cells. <i>Molecular and Cellular Biology</i> , 2021 , 41, e0059420	4.8	5
616	Cyclo-oxygenase 2, a putative mediator of vessel remodeling, is expressed in the brain AVM vessels and associates with inflammation. <i>Acta Neurochirurgica</i> , 2021 , 163, 2503-2514	3	1

615	Novel RNAi-Based Therapies for Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2021 , 23, 45	6	2
614	Single-Cell Epigenomics and Functional Fine-Mapping of Atherosclerosis GWAS Loci. <i>Circulation Research</i> , 2021 , 129, 240-258	15.7	13
613	Characterization of a functional endothelial super-enhancer that regulates ADAMTS18 and angiogenesis. <i>Nucleic Acids Research</i> , 2021 , 49, 8078-8096	20.1	2
612	BMP6/TAZ-Hippo signaling modulates angiogenesis and endothelial cell response to VEGF. <i>Angiogenesis</i> , 2021 , 24, 129-144	10.6	25
611	Intravesical nadofaragene firadenovec gene therapy for BCG-unresponsive non-muscle-invasive bladder cancer: a single-arm, open-label, repeat-dose clinical trial. <i>Lancet Oncology</i> , 2021 , 22, 107-117	21.7	53
610	Quantification of Myocardial Blood Flow by Machine Learning Analysis of Modified Dual Bolus MRI Examination. <i>Annals of Biomedical Engineering</i> , 2021 , 49, 653-662	4.7	0
609	Viral-Vector-Delivered Anti-Angiogenic Therapies to the Eye. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
608	Profiling of Primary and Mature miRNA Expression in Atherosclerosis-Associated Cell Types. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 2149-2167	9.4	5
607	Efficacy and Safety of Clinical-Grade Human Vascular Endothelial Growth Factor-D Gene Therapy Containing Residual Replication-Competent Adenoviruses. <i>Human Gene Therapy</i> , 2021 , 32, 761-770	4.8	2
606	Epigenetic Regulation of Vascular Smooth Muscle Cell Phenotype Switching in Atherosclerotic Artery Remodeling: A Mini-Review. <i>Frontiers in Genetics</i> , 2021 , 12, 719456	4.5	0
605	Citrate-Saline-Formulated mRNA Delivery into the Heart Muscle with an Electromechanical Mapping and Injection Catheter Does Not Lead to Therapeutic Effects in a Porcine Chronic Myocardial Ischemia Model. <i>Human Gene Therapy</i> , 2021 , 32, 1295-1307	4.8	2
604	Long-term safety and efficacy of intramyocardial adenovirus-mediated VEGF-D gene therapy eight-year follow-up of phase I KAT301 study. <i>Gene Therapy</i> , 2021 ,	4	4
603	Therapeutic Angiogenesis: Translational and Clinical Experience. <i>Reference Series in Biomedical Engineering</i> , 2021 , 101-144		
602	Microvessels in Epithelial Ovarian Tumors: High Microvessel Density Is a Significant Feature of Malignant Ovarian Tumors. <i>Anticancer Research</i> , 2020 , 40, 6923-6931	2.3	4
601	Development of Large-Scale Downstream Processing for Lentiviral Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 17, 717-730	6.4	17
600	Susceptibility to Cardiac Arrhythmias and Sympathetic Nerve Growth in VEGF-B Overexpressing Myocardium. <i>Molecular Therapy</i> , 2020 , 28, 1731-1740	11.7	10
599	Intracerebral overexpression of miR-669c is protective in mouse ischemic stroke model by targeting MyD88 and inducing alternative microglial/macrophage activation. <i>Journal of Neuroinflammation</i> , 2020 , 17, 194	10.1	8
598	Therapeutic Antibody Against Phosphorylcholine Preserves Coronary Function and Attenuates Vascular F-FDG Uptake in Atherosclerotic Mice. <i>JACC Basic To Translational Science</i> , 2020 , 5, 360-373	8.7	6

597	Efficient Nuclease-Directed Integration of Lentivirus Vectors into the Human Ribosomal DNA Locus. <i>Molecular Therapy</i> , 2020 , 28, 1858-1875	11.7	4
596	Nucleic Acid-Based Therapies for Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2020 , 22, 10	6	7
595	Benchmarking of Scale-X Bioreactor System in Lentiviral and Adenoviral Vector Production. <i>Human Gene Therapy</i> , 2020 , 31, 376-384	4.8	7
594	Evaluation of Biodegradable Stent Graft Coatings in Pig and Rabbit Models. <i>Journal of Vascular Research</i> , 2020 , 57, 65-75	1.9	2
593	Extracellular vesicles provide a capsid-free vector for oncolytic adenoviral DNA delivery. <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1747206	16.4	11
592	Effects of dipeptidyl peptidase 4 inhibition on inflammation in atherosclerosis: A F-fluorodeoxyglucose study of a mouse model of atherosclerosis and type 2 diabetes. <i>Atherosclerosis</i> , 2020 , 305, 64-72	3.1	2
591	Lentiviral interferon with immune checkpoint blockade: A novel method for gene therapy in bladder cancer.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 33-33	2.2	0
590	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. <i>PLoS ONE</i> , 2020 , 15, e0241484	3.7	4
589	Gene and protein therapy approaches to cardiac neovascularization and protection from ischemia 2020 , 649-666		
588	Detection of lentiviral suicide gene therapy in C6 rat glioma using hyperpolarised [1- C]pyruvate. <i>NMR in Biomedicine</i> , 2020 , 33, e4250	4.4	0
587	Amphiphilic phthalocyanines in polymeric micelles: a supramolecular approach toward efficient third-generation photosensitizers. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 282-289	7.3	19
586	Adenoviral Gene Transfer of Gremlin Modulates Vascular Endothelial Growth Factor-A-Induced Angiogenesis in Porcine Myocardium. <i>Human Gene Therapy</i> , 2020 , 31, 211-218	4.8	
585	Microanatomy of the Human Atherosclerotic Plaque by Single-Cell Transcriptomics. <i>Circulation Research</i> , 2020 , 127, 1437-1455	15.7	96
584	Comparison of Efficiency and Function of Vascular Endothelial Growth Factor Adenovirus Vectors in Endothelial Cells for Gene Therapy of Placental Insufficiency. <i>Human Gene Therapy</i> , 2020 , 31, 1190-1202	4.8	1
583	Hypoxia-Mediated Regulation of Histone Demethylases Affects Angiogenesis-Associated Functions in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 2665-2677	9.4	6
582	The effect of intracoronary infusion of bone marrow-derived mononuclear cells on all-cause mortality in acute myocardial infarction: the BAMi trial. <i>European Heart Journal</i> , 2020 , 41, 3702-3710	9.5	24
581	MicroRNA-15b Targets VEGF and Inhibits Angiogenesis in Proliferative Diabetic Retinopathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	16
580	Transcriptomics uncovers substantial variability associated with alterations in manufacturing processes of macrophage cell therapy products. <i>Scientific Reports</i> , 2020 , 10, 14049	4.9	2

579	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002769	5.2	1
578	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer 2020 , 15, e0241484		
577	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer 2020 , 15, e0241484		
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568	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer 2020 , 15, e0241484		
567	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer 2020 , 15, e0241484		
566	Isolation of fresh endothelial cells from porcine heart for cardiovascular studies: a new fast protocol suitable for genomic, transcriptomic and cell biology studies. <i>BMC Molecular and Cell Biology</i> , 2019 , 20, 32	2.7	1
565	Preclinical Proof-of-Concept, Analytical Development, and Commercial Scale Production of Lentiviral Vector in Adherent Cells. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 15, 63-71	6.4	11
564	Serial Optical Coherence Tomography at Baseline, 7 Days, and 1, 3, 6 and 12 Months After Bioresorbable Scaffold Implantation in a Growing Porcine Model. <i>Circulation Journal</i> , 2019 , 83, 556-566	2.9	1
563	Expression profiles of VEGF-A, VEGF-D and VEGFR1 are higher in distant metastases than in matched primary high grade epithelial ovarian cancer. <i>BMC Cancer</i> , 2019 , 19, 584	4.8	25
562	Recent advances in novel therapies for lipid disorders. <i>Human Molecular Genetics</i> , 2019 , 28, R49-R54	5.6	7

561	Axon Guidance-Related Factor FLRT3 Regulates VEGF-Signaling and Endothelial Cell Function. <i>Frontiers in Physiology</i> , 2019 , 10, 224	4.6	9
560	Inhibition of urothelial carcinoma through targeted type I interferon-mediated immune activation. <i>Oncolimmunology</i> , 2019 , 8, e1577125	7.2	6
559	Bile-duct proliferation as an unexpected side-effect after AAV2-LDLR gene transfer to rabbit liver. <i>Scientific Reports</i> , 2019 , 9, 6934	4.9	5
558	Molecular Imaging to Monitor Left Ventricular Remodeling in Heart Failure. <i>Current Cardiovascular Imaging Reports</i> , 2019 , 12, 1	0.7	3
557	Amyloid-Targeting PET Tracer [F]Flutemetamol Accumulates in Atherosclerotic Plaques. <i>Molecules</i> , 2019 , 24,	4.8	4
556	Nuclear factor E2-related factor 2 deficiency impairs atherosclerotic lesion development but promotes features of plaque instability in hypercholesterolaemic mice. <i>Cardiovascular Research</i> , 2019 , 115, 243-254	9.9	13
555	Changes in nuclear and cytoplasmic microRNA distribution in response to hypoxic stress. <i>Scientific Reports</i> , 2019 , 9, 10332	4.9	35
554	Quantification of porcine myocardial perfusion with modified dual bolus MRI - a prospective study with a PET reference. <i>BMC Medical Imaging</i> , 2019 , 19, 58	2.9	4
553	Improved endothelialization of small-diameter ePTFE vascular grafts through growth factor therapy. <i>Vascular Biology (Bristol, England)</i> , 2019 , 1, 1-9	2.9	8
552	Human serum albumin nanoparticles loaded with phthalocyanine dyes for potential use in photodynamic therapy for atherosclerotic plaques. <i>Precision Nanomedicine</i> , 2019 , 2, 279-302	1.2	1
551	Lentiviral interferon: A novel method for gene therapy in bladder cancer.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 456-456	2.2	
550	Comparative transcriptome analysis of matched primary and distant metastatic ovarian carcinoma. <i>BMC Cancer</i> , 2019 , 19, 1121	4.8	7
549	Intestinal lymphatic vessels and their role in chylomicron absorption and lipid homeostasis. <i>Current Opinion in Lipidology</i> , 2019 , 30, 370-376	4.4	14
548	DNA methylation processes in atherosclerotic plaque. <i>Atherosclerosis</i> , 2019 , 281, 168-179	3.1	32
547	The development of interferon-based gene therapy for BCG unresponsive bladder cancer: from bench to bedside. <i>World Journal of Urology</i> , 2019 , 37, 2041-2049	4	8
546	Beyond endothelial cells: Vascular endothelial growth factors in heart, vascular anomalies and placenta. <i>Vascular Pharmacology</i> , 2019 , 112, 91-101	5.9	13
545	Therapeutic effects of rosuvastatin in hypercholesterolemic prediabetic mice in the absence of low density lipoprotein receptor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 481-490	4	1
544	Clostridium difficile toxins induce VEGF-A and vascular permeability to promote disease pathogenesis. <i>Nature Microbiology</i> , 2019 , 4, 269-279	26.6	25

543	EphrinB2/EphB4 signaling regulates non-sprouting angiogenesis by VEGF. <i>EMBO Reports</i> , 2018 , 19,	6.5	45
542	Exosomes as secondary inductive signals involved in kidney organogenesis. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1422675	16.4	20
541	The effect of subcellular localization on the efficiency of EGFR-targeted VHH photosensitizer conjugates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 124, 63-72	5.7	23
540	Endothelial cell differentiation is encompassed by changes in long range interactions between inactive chromatin regions. <i>Nucleic Acids Research</i> , 2018 , 46, 1724-1740	20.1	26
539	Somatic Activating KRAS Mutations in Arteriovenous Malformations of the Brain. <i>New England Journal of Medicine</i> , 2018 , 378, 250-261	59.2	195
538	Biodegradable coronary scaffolds: their future and clinical and technological challenges. <i>Cardiovascular Research</i> , 2018 , 114, 1063-1072	9.9	14
537	Activating the Chromatin by Noncoding RNAs. <i>Antioxidants and Redox Signaling</i> , 2018 , 29, 813-831	8.4	12
536	Optimization of lentiviral vector production for scale-up in fixed-bed bioreactor. <i>Gene Therapy</i> , 2018 , 25, 39-46	4	42
535	Temporal Dynamics of Gene Expression During Endothelial Cell Differentiation From Human iPS Cells: A Comparison Study of Signalling Factors and Small Molecules. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 16	5.4	4
534	Local adventitial anti-angiogenic gene therapy reduces growth of vasa-vasorum and in-stent restenosis in WHHL rabbits. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 121, 145-154	5.8	11
533	Future directions for therapeutic strategies in post-ischaemic vascularization: a position paper from European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology. <i>Cardiovascular Research</i> , 2018 , 114, 1411-1421	9.9	8
532	Oxidized phospholipids are proinflammatory and proatherogenic in hypercholesterolaemic mice. <i>Nature</i> , 2018 , 558, 301-306	50.4	227
531	Development and Validation of ECG Analysis Algorithm in Mice 2018 , 271-285		
530	Doxycycline modulates VEGF-A expression: Failure of doxycycline-inducible lentivirus shRNA vector to knockdown VEGF-A expression in transgenic mice. <i>PLoS ONE</i> , 2018 , 13, e0190981	3.7	9
529	The follow-up of progressive hypertrophic cardiomyopathy using magnetic resonance rotating frame relaxation times. <i>NMR in Biomedicine</i> , 2018 , 31, e3871	4.4	4
528	Epigenomics 2018 , 258-265		2
527	Long Non-Coding RNA Modulation of VEGF-A during Hypoxia. <i>Non-coding RNA</i> , 2018 , 4,	7.1	11
526	Transcriptional Profiling of Hypoxia-Regulated Non-coding RNAs in Human Primary Endothelial Cells. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 159	5.4	16

525	Downregulation of VEGFR3 signaling alters cardiac lymphatic vessel organization and leads to a higher mortality after acute myocardial infarction. <i>Scientific Reports</i> , 2018 , 8, 16709	4.9	21
524	Smoking is Associated to DNA Methylation in Atherosclerotic Carotid Lesions. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e002030	5.2	11
523	Deletion of Lymphangiogenic and Angiogenic Growth Factor VEGF-D Leads to Severe Hyperlipidemia and Delayed Clearance of Chylomicron Remnants. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2327-2337	9.4	18
522	Human Vascular Endothelial Growth Factor A Expression Induces the Mouse Model of Neovascular Age-Related Macular Degeneration. <i>Genes</i> , 2018 , 9,	4.2	3
521	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018 , 21, 425-538	5.3	285
520	Differential but Complementary HIF1 α and HIF2 α Transcriptional Regulation. <i>Molecular Therapy</i> , 2018 , 26, 1735-1745	11.7	42
519	Positron Emission Tomography Imaging of Macrophages in Atherosclerosis with F-GE-180, a Radiotracer for Translocator Protein (TSPO). <i>Contrast Media and Molecular Imaging</i> , 2018 , 2018, 9186902	3.2	18
518	Aluminum fluoride-18 labeled folate enables in vivo detection of atherosclerotic plaque inflammation by positron emission tomography. <i>Scientific Reports</i> , 2018 , 8, 9720	4.9	25
517	Angiogenic gene therapy in cardiovascular diseases: dream or vision?. <i>European Heart Journal</i> , 2017 , 38, 1365-1371	9.5	91
516	Cardiac Lymphatics - A New Avenue for Therapeutics?. <i>Trends in Endocrinology and Metabolism</i> , 2017 , 28, 285-296	8.8	33
515	Effects of atorvastatin and diet interventions on atherosclerotic plaque inflammation and [F]FDG uptake in LdlrApob mice. <i>Atherosclerosis</i> , 2017 , 263, 369-376	3.1	11
514	Low interleukin-2 concentration favors generation of early memory T cells over effector phenotypes during chimeric antigen receptor T-cell expansion. <i>Cytotherapy</i> , 2017 , 19, 689-702	4.8	49
513	Left ventricular remodeling leads to heart failure in mice with cardiac-specific overexpression of VEGF-B: echocardiography and magnetic resonance imaging study. <i>Physiological Reports</i> , 2017 , 5, e13096	2.6	11
512	Combined Gene Therapy Using AdsVEGFR2 and AdsTie2 With Chemotherapy Reduces the Growth of Human Ovarian Cancer and Formation of Ascites in Mice. <i>International Journal of Gynecological Cancer</i> , 2017 , 27, 879-886	3.5	9
511	Genome-Wide Dynamics of Nascent Noncoding RNA Transcription in Porcine Heart After Myocardial Infarction. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		15
510	Primary and metastatic ovarian cancer: Characterization by 3.0T diffusion-weighted MRI. <i>European Radiology</i> , 2017 , 27, 4002-4012	8	22
509	High Plasma Lipid Levels Reduce Efficacy of Adenovirus-Mediated Gene Therapy. <i>Scientific Reports</i> , 2017 , 7, 386	4.9	1
508	Cardiovascular Gene Therapy: Past, Present, and Future. <i>Molecular Therapy</i> , 2017 , 25, 1095-1106	11.7	87

507	The effect of intracoronary infusion of bone marrow-derived mononuclear cells on all-cause mortality in acute myocardial infarction: rationale and design of the BAM1 trial. <i>European Journal of Heart Failure</i> , 2017 , 19, 1545-1550	12.3	36
506	Aggravated Postinfarct Heart Failure in Type 2 Diabetes Is Associated with Impaired Mitophagy and Exaggerated Inflammasome Activation. <i>American Journal of Pathology</i> , 2017 , 187, 2659-2673	5.8	26
505	Intravesical rAd-IFN γ /Syn3 for Patients With High-Grade, Bacillus Calmette-Guerin-Refractory or Relapsed Non-Muscle-Invasive Bladder Cancer: A Phase II Randomized Study. <i>Journal of Clinical Oncology</i> , 2017 , 35, 3410-3416	2.2	86
504	Advances and Challenges in Cardiovascular Gene Therapy. <i>Human Gene Therapy</i> , 2017 , 28, 1024-1032	4.8	12
503	Adenoviral intramyocardial VEGF-DNA gene transfer increases myocardial perfusion reserve in refractory angina patients: a phase I/IIa study with 1-year follow-up. <i>European Heart Journal</i> , 2017 , 38, 2547-2555	9.5	82
502	Snake venom VEGF Vammin induces a highly efficient angiogenic response in skeletal muscle via VEGFR-2/NRP specific signaling. <i>Scientific Reports</i> , 2017 , 7, 5525	4.9	6
501	Immunohistochemical Characterization and Sensitivity to Human Adenovirus Serotypes 3, 5, and 11p of New Cell Lines Derived from Human Diffuse Grade II to IV Gliomas. <i>Translational Oncology</i> , 2017 , 10, 772-779	4.9	4
500	Macrophage selective photodynamic therapy by meta-tetra(hydroxyphenyl)chlorin loaded polymeric micelles: A possible treatment for cardiovascular diseases. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 107, 112-125	5.1	26
499	Imaging of Integrin expression in experimental myocardial ischemia with [Ga]NODAGA-RGD positron emission tomography. <i>Journal of Translational Medicine</i> , 2017 , 15, 144	8.5	15
498	Differential regulation of angiogenic cellular processes and claudin-5 by histamine and VEGF via PI3K-signaling, transcription factor SNAI2 and interleukin-8. <i>Angiogenesis</i> , 2017 , 20, 109-124	10.6	27
497	18-kDa translocator protein ligand F-FEMPA: Biodistribution and uptake into atherosclerotic plaques in mice. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 862-871	2.1	30
496	Vascular Endothelial Growth Factor-B Induces a Distinct Electrophysiological Phenotype in Mouse Heart. <i>Frontiers in Physiology</i> , 2017 , 8, 373	4.6	2
495	Comparative Study of Adeno-associated Virus, Adenovirus, Baculovirus and Lentivirus Vectors for Gene Therapy of the Eyes. <i>Current Gene Therapy</i> , 2017 , 17, 235-247	4.3	20
494	Enhancing Angiogenesis in Mice by VEGF-Targeting Small Activating RNAs. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 983, 195-205	3.6	1
493	Intramyocardial Gene Therapy Directed to Hibernating Heart Muscle Using a Combination of Electromechanical Mapping and Positron Emission Tomography. <i>Human Gene Therapy</i> , 2016 , 27, 830-834	4.8	13
492	Debate on Germline Gene Editing. <i>Human Gene Therapy Methods</i> , 2016 , 27, 135-42	4.9	6
491	Leukocyte trafficking-associated vascular adhesion protein 1 is expressed and functionally active in atherosclerotic plaques. <i>Scientific Reports</i> , 2016 , 6, 35089	4.9	21
490	Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat. <i>Nature Communications</i> , 2016 , 7, 12152	17.4	55

489	Type 2 diabetes enhances arterial uptake of choline in atherosclerotic mice: an imaging study with positron emission tomography tracer ^3H -fluoromethylcholine. <i>Cardiovascular Diabetology</i> , 2016 , 15, 26	8.7	19
488	Development of Lentiviral Vectors for Targeted Integration and Protein Delivery. <i>Methods in Molecular Biology</i> , 2016 , 1448, 185-98	1.4	
487	Activation of Peroxisome Proliferator-Activated Receptor- α s Novel Therapeutic Strategy to Prevent In-Stent Restenosis and Stent Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1534-48	9.4	15
486	Smooth Muscle Cell Foam Cell Formation, Apolipoproteins, and ABCA1 in Intracranial Aneurysms: Implications for Lipid Accumulation as a Promoter of Aneurysm Wall Rupture. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016 , 75, 689-99	3.1	41
485	Expression of vascular endothelial growth factor (VEGF)-B and its receptor (VEGFR1) in murine heart, lung and kidney. <i>Cell and Tissue Research</i> , 2016 , 365, 51-63	4.2	27
484	Sleeping Beauty Transposon Vectors in Liver-directed Gene Delivery of LDLR and VLDLR for Gene Therapy of Familial Hypercholesterolemia. <i>Molecular Therapy</i> , 2016 , 24, 620-35	11.7	19
483	Efficacy and safety of myocardial gene transfer of adenovirus, adeno-associated virus and lentivirus vectors in the mouse heart. <i>Gene Therapy</i> , 2016 , 23, 296-305	4	30
482	Tie1 controls angiopoietin function in vascular remodeling and inflammation. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3495-510	15.9	119
481	In vivo phage display screening for tumor vascular targets in glioblastoma identifies a llama nanobody against dynactin-1-p150Glued. <i>Oncotarget</i> , 2016 , 7, 71594-71607	3.3	7
480	Animal Models of Gene Therapy for Cardiovascular Disease 2016 , 691-705		
479	Isoform-Specific Modulation of Inflammation Induced by Adenoviral Mediated Delivery of Platelet-Derived Growth Factors in the Adult Mouse Heart. <i>PLoS ONE</i> , 2016 , 11, e0160930	3.7	8
478	Platelet-derived Growth Factor-B Protects Rat Cardiac Allografts From Ischemia-reperfusion Injury. <i>Transplantation</i> , 2016 , 100, 303-13	1.8	7
477	AdVEGF-B186 and AdVEGF-D Δ induce angiogenesis and increase perfusion in porcine myocardium. <i>Heart</i> , 2016 , 102, 1716-1720	5.1	20
476	Peroxisome proliferator-activated receptor- α activator 1 β induces a cardiac excitation-contraction coupling phenotype without metabolic remodelling. <i>Journal of Physiology</i> , 2016 , 594, 7049-7071	3.9	13
475	Hyperbaric oxygen therapy activates hypoxia-inducible factor 1 (HIF-1), which contributes to improved wound healing in diabetic mice. <i>Wound Repair and Regeneration</i> , 2015 , 23, 98-103	3.6	79
474	Recent Advancements in Cardiovascular Gene Therapy and Vascular Biology. <i>Human Gene Therapy</i> , 2015 , 26, 518-24	4.8	19
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