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Inflammatory cytokines in vascular dysfunction and vascular disease

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939	Accelerated atherosclerosis in systemic lupus erythematosus: role of proinflammatory cytokines and therapeutic approaches. 2010 , 2010,		26
938	Working under pressure: coronary arteries and the endothelin system. 2010 , 298, R1188-94		21
937	Extracellular matrix, inflammation, and the angiogenic response. 2010 , 86, 226-35		215
936	Neuronal nitric oxide inhibits intestinal smooth muscle growth. 2010 , 298, G896-907		14
935	Transcription profiles of LPS-stimulated THP-1 monocytes and macrophages: a tool to study inflammation modulating effects of food-derived compounds. 2010 , 1, 254-61		171
934	Endothelial cell-selective adhesion molecule modulates atherosclerosis through plaque angiogenesis and monocyte-endothelial interaction. 2010 , 80, 179-87		35
933	Tempol, a superoxide dismutase mimetic, prevents cerebral vessel remodeling in hypertensive rats. 2010 , 80, 445-52		34

932	Inhibition of dipeptidyl peptidase 4 regulates microvascular endothelial growth induced by inflammatory cytokines. 2010 , 401, 7-12	50
931	Lycopene in atherosclerosis prevention: an integrated scheme of the potential mechanisms of action from cell culture studies. 2010 , 504, 26-33	75
930	Bone marrow-derived cells and hypertension. 2010 , 8, 1139-48	1
929	Premature aortic atherosclerosis in systemic lupus erythematosus: a controlled transesophageal echocardiographic study. 2010 , 37, 71-8	22
928	Matrix Metalloproteinases and their Inhibitors in Hypertensive Cardiac Remodelling. 2010 , 17, 201-208	
927	Gastroprotective and ulcer-healing mechanisms of ellagic acid in experimental rats. 2011 , 59, 6957-65	69
926	Analysis of cellular migration using a two-chamber methodology. 2011 , 787, 303-17	4
925	Phenolic acids are in vivo atheroprotective compounds appearing in the serum of rats after blueberry consumption. 2011 , 59, 10381-7	28
924	Molecular Chaperones. 2011 ,	1
923	Ezetimibe inhibe la adhesi3n y la migraci3n de monocitos a trav3s de la ruta de las proteincinasas activadas extracelularmente (p44/p42ERK1/2. 2011 , 23, 160-167	
922	A short review on the psychoneuroimmunology of posttraumatic stress disorder: from risk factors to medical comorbidities. 2011 , 25, 6-13	221
921	Regulation of MMP10 expression by the transcription factor CHF1/Hey2 is mediated by multiple E boxes. 2011 , 415, 662-8	3
920	Pretreatment of vitamin D3 ameliorates lung and muscle injury induced by reperfusion of bilateral femoral vessels in a rat model. 2011 , 171, 323-8	14
919	Endovascular aneurysm repair reverses the increased titer and the inflammatory activity of interleukin-13n the serum of patients with abdominal aortic aneurysm. 2011 , 54, 497-503	18
918	Effects of Curcuma comosa on the expression of atherosclerosis-related cytokine genes in rabbits fed a high-cholesterol diet. 2011 , 134, 608-13	8
917	Pro-inflammatory and pro-apoptotic responses of TNF-3stimulated bovine mammary endothelial cells. 2011 , 140, 282-90	18
916	Beyond the serotonin hypothesis: mitochondria, inflammation and neurodegeneration in major depression and affective spectrum disorders. 2011 , 35, 730-43	215
915	Cellular adaptive response to glutathione depletion modulates endothelial dysfunction triggered by TNF-3 2011 , 207, 291-7	27

914	Endothelium-derived vasoactive agents, AT1 receptors and inflammation. 2011 , 131, 187-203	38
913	Endothelial dysfunction, inflammation and atherosclerosis in chronic kidney disease--a cross-sectional study of predialysis, dialysis and kidney-transplantation patients. 2011 , 216, 446-51	164
912	Changes in atherosclerotic plaques induced by inhalation of diesel exhaust. 2011 , 216, 299-306	86
911	Schistosomiasis differentially affects vasoconstrictor responses: up-regulation of 5-HT receptor-mediated aorta contraction. 2011 , 106, 456-60	1
910	Oxidative stress and air pollution exposure. 2011 , 2011, 487074	350
909	Amorphous silica nanoparticles trigger nitric oxide/peroxynitrite imbalance in human endothelial cells: inflammatory and cytotoxic effects. 2011 , 6, 2821-35	59
908	Hydrogen sulfide attenuated tumor necrosis factor- α -induced inflammatory signaling and dysfunction in vascular endothelial cells. 2011 , 6, e19766	98
907	Serum soluble HLA-E in melanoma: a new potential immune-related marker in cancer. 2011 , 6, e21118	41
906	Is inflammation driving cognitive decline in the elderly?. 2011 , 7, 505-507	1
905	Upregulated signaling pathways in ruptured human saccular intracranial aneurysm wall: an emerging regulative role of Toll-like receptor signaling and nuclear factor- κ B, hypoxia-inducible factor-1A, and ETS transcription factors. 2011 , 68, 1667-75; discussion 1675-6	79
904	Sensitive fern (<i>Onoclea sensibilis</i>) extract suppresses proliferation and migration of vascular smooth muscle cells inflamed by neighboring macrophages. 2011 , 34, 1717-23	9
903	Cornuside suppresses lipopolysaccharide-induced inflammatory mediators by inhibiting nuclear factor- κ B activation in RAW 264.7 macrophages. 2011 , 34, 959-66	76
902	Guide to Receptors and Channels (GRAC), 5th edition. 2011 , 164 Suppl 1, S1-324	702
901	Consultants. 2011 , 164, S3-S3	7
900	G PROTEIN-COUPLED RECEPTORS. 2011 , 164, S5-S113	14
899	LIGAND-GATED ION CHANNELS. 2011 , 164, S115-S135	5
898	ION CHANNELS. 2011 , 164, S137-S174	9
897	NUCLEAR RECEPTORS. 2011 , 164, S175-S188	78

896	CATALYTIC RECEPTORS. 2011 , 164, S189-S212	1
895	TRANSPORTERS. 2011 , 164, S213-S278	2
894	ENZYMES. 2011 , 164, S279-S324	2
893	Tropism and innate host response of the 2009 pandemic H1N1 influenza virus compared with related swine influenza viruses and reassortants in ex vivo and in vitro cultures of the human respiratory tract and conjunctiva. 2011 , 5, 54-55	4
892	Complement proteins C3 and C4 bind to collagen and elastin in the vascular wall: a potential role in vascular stiffness and atherosclerosis. 2011 , 4, 146-52	32
891	Targeting adenovirus gene delivery to activated tumour-associated vasculature via endothelial selectins. 2011 , 150, 196-203	27
890	Regulation of MMP-9 expression by the A2b adenosine receptor and its dependency on TNF- α signaling. 2011 , 39, 525-30	6
889	Recent advances in psychoneuroimmunology: Inflammation in psychiatric disorders. 2011 , 2,	16
888	In patients with idiopathic venous thrombosis, interleukin-10 is decreased and related to endothelial dysfunction. 2011 , 26, 596-602	33
887	Co-culture systems for vascularization--learning from nature. 2011 , 63, 291-9	158
886	Expressions of interleukin-1 α and interleukin-6 within aortas and uteri of rats with various severities of ligature-induced periodontitis. 2011 , 34, 260-8	8
885	Effect of TNF- α and IL-1 β genetic variants on the development of myocardial infarction in Turkish population. 2011 , 38, 5453-7	16
884	Alpha7 nicotinic receptors as novel therapeutic targets for inflammation-based diseases. 2011 , 68, 931-49	138
883	Impaired Rho GTPase activation abrogates cell polarization and migration in macrophages with defective lipolysis. 2011 , 68, 3933-47	47
882	Weight and inflammation are the major determinants of vascular dysfunction in the aortae of db/db mice. 2011 , 383, 483-92	10
881	Pentoxifylline alleviates vascular impairment in insulin resistance via TNF- α inhibition. 2011 , 384, 277-85	34
880	Protein kinase C- β signals P115RhoGEF phosphorylation and RhoA activation in TNF- α -induced mouse brain microvascular endothelial cell barrier dysfunction. 2011 , 8, 28	51
879	Reconstructing sickle cell disease: a data-based analysis of the "hyperhemolysis paradigm" for pulmonary hypertension from the perspective of evidence-based medicine. 2011 , 86, 123-54	113

878	Ghrelin inhibits AGEs-induced apoptosis in human endothelial cells involving ERK1/2 and PI3K/Akt pathways. 2011 , 29, 149-55	29
877	Adults with late stage 3 chronic kidney disease are at high risk for prevalent silent brain infarction: a population-based study. 2011 , 42, 2120-5	24
876	E-selectin is a viable route of infection for polymer-coated adenovirus retargeting in TNF- α -activated human umbilical vein endothelial cells. 2011 , 19, 690-700	10
875	Increased markers of inflammation and endothelial dysfunction in patients with mild primary hyperparathyroidism. 2011 , 71, 139-44	26
874	Crimean-Congo hemorrhagic fever virus activates endothelial cells. 2011 , 85, 7766-74	50
873	A 24-h work shift in intensive care personnel: biological pathways between work stress and ill health. 2011 , 39, 629-36	3
872	Diosgenin modulates vascular smooth muscle cell function by regulating cell viability, migration, and calcium homeostasis. 2011 , 336, 925-39	22
871	The ageing immune system and its clinical implications. 2011 , 21, 110-124	5
870	Sphingosylphosphorylcholine stimulates CCL2 production from human umbilical vein endothelial cells. 2011 , 186, 4347-53	26
869	Sphingosine-1-phosphate-induced inflammation involves receptor tyrosine kinase transactivation in vascular cells: upregulation in hypertension. 2011 , 57, 809-18	29
868	ETA activation mediates angiotensin II-induced infiltration of renal cortical T cells. 2011 , 22, 2187-92	16
867	Exercise and the cardiovascular system. 2012 , 2012, 210852	39
866	Anti-inflammatory properties of sirtuin 6 in human umbilical vein endothelial cells. 2012 , 2012, 597514	94
865	Elevated serum concentrations of inflammatory cytokines and chemokines in patients with haemorrhagic fever with renal syndrome. 2012 , 40, 648-56	19
864	Endothelial cells overexpressing interleukin-8 receptors reduce inflammatory and neointimal responses to arterial injury. 2012 , 125, 1533-41	25
863	Impact of local endothelial challenge with cytomegalovirus or glycoprotein B on vasodilation in intact pressurized arteries from nonpregnant and pregnant mice. 2012 , 87, 83	2
862	Specific delivery of kinase inhibitors in nonmalignant and malignant diseases. 2012 , 9, 59-70	5
861	Incretins and preservation of endothelial function. 2012 , 10, 295-308	12

860	TNF- α -mediated proliferation of vascular smooth muscle cells involves Raf-1-mediated inactivation of Rb and transcription of E2F1-regulated genes. 2012 , 11, 109-18	30
859	Dietary salt intake is related to inflammation and albuminuria in primary hypertensive patients. 2012 , 66, 1214-8	48
858	Bone morphogenetic protein signaling in vascular disease: anti-inflammatory action through myocardin-related transcription factor A. 2012 , 287, 28067-77	29
857	Serum antibody to Porphyromonas gingivalis in chronic kidney disease. 2012 , 91, 828-33	15
856	Antioxidant and anti-inflammatory effects of exercise in diabetic patients. 2012 , 2012, 941868	85
855	Effects of down-regulation of microRNA-23a on TNF- α -induced endothelial cell apoptosis through caspase-dependent pathways. 2012 , 93, 623-32	55
854	2-hydroxy-4'-methoxychalcone inhibits proliferation and inflammation of human aortic smooth muscle cells by increasing the expression of peroxisome proliferator-activated receptor gamma. 2012 , 59, 339-51	13
853	Anti-atherogenic activity of wild grape (Vitis thunbergii) extract antagonizing smooth muscle cell proliferation and migration promoted by neighboring macrophages. 2012 , 29, 1137-45	2
852	Toll-like receptor 4 contributes to blood pressure regulation and vascular contraction in spontaneously hypertensive rats. 2012 , 122, 535-43	144
851	Neovascularization and angiogenic factors in advanced human carotid artery stenosis. 2012 , 76, 1274-82	46
850	Unraveling the mechanisms involved in endothelial barrier protective effects of angiopoietin-1 variant MAT.Ang-1. 2012 , 16, 466; author reply 466	1
849	Leonurine protects against tumor necrosis factor- α -mediated inflammation in human umbilical vein endothelial cells. 2012 , 222, 34-42	58
848	Activation of vascular p38MAPK by mechanical stretch is independent of c-Src and NADPH oxidase: influence of hypertension and angiotensin II. 2012 , 6, 169-78	24
847	Triiodothyronine supplementation and cytokines during cardiopulmonary bypass in infants and children. 2012 , 144, 938-943.e2	18
846	Role of the renin-angiotensin system in the pathogenesis of intimal hyperplasia: therapeutic potential for prevention of vein graft failure?. 2012 , 26, 1130-44	12
845	Comparative study of systemic inflammatory responses in psoriasis vulgaris and mild to moderate allergic contact dermatitis. 2012 , 225, 54-61	21
844	Mitigation of inflammation with foods. 2012 , 60, 6703-17	62
843	Biology of intracranial aneurysms: role of inflammation. 2012 , 32, 1659-76	308

842	Relationship of antihypertensive treatment to plasma markers of vascular inflammation and remodeling in the Comparison of Amlodipine versus Enalapril to Limit Occurrences of Thrombosis study. 2012 , 163, 735-40	7
841	Evaluation of the capacity of oxidized phosphatidylserines to induce the expression of cytokines in monocytes and dendritic cells. 2012 , 525, 9-15	9
840	Ohioensin F suppresses TNF- α -induced adhesion molecule expression by inactivation of the MAPK, Akt and NF- κ B pathways in vascular smooth muscle cells. 2012 , 90, 396-406	18
839	Neurohormonal activity and vascular properties late after aortic coarctation repair. 2012 , 159, 211-6	14
838	Circulating biomarkers with preventive, diagnostic and prognostic implications in cardiovascular diseases. 2012 , 157, 160-8	63
837	The role of adiponectin in human vascular physiology. 2012 , 155, 188-93	79
836	Stereocalpin A inhibits the expression of adhesion molecules in activated vascular smooth muscle cells. 2012 , 12, 315-25	15
835	Role of host cellular proteases in the pathogenesis of influenza and influenza-induced multiple organ failure. 2012 , 1824, 186-94	84
834	Suppression of adhesion molecule expression by phenanthrene-containing extract of bulbils of Chinese Yam in vascular smooth muscle cells through inhibition of MAPK, Akt and NF- κ B. 2012 , 50, 2792-804	14
833	Naringenin inhibits TNF- α -induced VSMC proliferation and migration via induction of HO-1. 2012 , 50, 3025-31	65
832	TNF- α affects energy metabolism and stimulates biogenesis of mitochondria in EA.hy926 endothelial cells. 2012 , 44, 1390-7	24
831	Anti-atherosclerotic function of Astragali Radix extract: downregulation of adhesion molecules in vitro and in vivo. 2012 , 12, 54	12
830	Neuroinflammation and oxidative stress in rostral ventrolateral medulla contribute to neurogenic hypertension induced by systemic inflammation. 2012 , 9, 212	115
829	Inflammation in atherosclerosis: a cause or a result of vascular disorders?. 2012 , 16, 1978-90	95
828	Nonesterified fatty acids modify inflammatory response and eicosanoid biosynthesis in bovine endothelial cells. 2012 , 95, 5011-5023	38
827	Inhibitory effect of butein on tumor necrosis factor- α -induced expression of cell adhesion molecules in human lung epithelial cells via inhibition of reactive oxygen species generation, NF- κ B activation and Akt phosphorylation. 2012 , 30, 1357-64	21
826	Adiponectin: anti-inflammatory and cardioprotective effects. 2012 , 94, 2143-9	123
825	Protein binding mediation of biomaterial-dependent monocyte activation on a degradable polar hydrophobic ionic polyurethane. 2012 , 33, 8316-28	43

824	In-vitro identification of distinctive metabolic signatures of intact varicose vein tissue via magic angle spinning nuclear magnetic resonance spectroscopy. 2012 , 44, 442-50	15
823	The a flavonoid velutin is a potent anti-inflammatory agent: blockade of LPS-mediated TNF- α and IL-6 production through inhibiting NF- κ B activation and MAPK pathway. 2012 , 23, 1184-91	125
822	Microvascular Changes in the Diabetic Foot. 2012 , 185-201	2
821	Influence of specific endothelin-1 receptor blockers on hemodynamic parameters and antioxidant status of plasma in LPS-induced endotoxemia. 2012 , 64, 1434-41	22
820	Clinical utility of novel biomarkers for cardiovascular disease risk stratification. 2012 , 7 Suppl 3, S263-70	4
819	Molecular Pathways of Smooth Muscle Disease. 2012 , 1279-1287	1
818	Antioxidants as antidepressants: fact or fiction?. 2012 , 26, 477-90	118
817	Short-term erythropoietin treatment does not substantially modulate monocyte transcriptomes of patients with combined heart and renal failure. 2012 , 7, e41339	6
816	Adipocyte dysfunction in a mouse model of polycystic ovary syndrome (PCOS): evidence of adipocyte hypertrophy and tissue-specific inflammation. 2012 , 7, e48643	20
815	Retinal Vein Occlusion Induced by a MEK Inhibitor - Impact of Oxidative Stress on the Blood-Retinal Barrier. 2012 ,	2
814	Endothelial and Vascular Smooth Cell Dysfunctions: A Comprehensive Appraisal. 2012 ,	
813	Post-Myocardial Infarction Depression. 2012 ,	1
812	Ellagitannin metabolites, urolithin A glucuronide and its aglycone urolithin A, ameliorate TNF- α -induced inflammation and associated molecular markers in human aortic endothelial cells. 2012 , 56, 784-96	120
811	Tunicamycin inhibits PDGF-BB-induced proliferation and migration of vascular smooth muscle cells through induction of HO-1. 2012 , 295, 1462-72	21
810	Current therapeutic strategies to mitigate the eNOS dysfunction in ischaemic stroke. 2012 , 32, 319-36	37
809	Mechanisms linking obesity to hypertension. 2012 , 13, 17-26	134
808	FXR ligands protect against hepatocellular inflammation via SOCS3 induction. 2012 , 24, 1658-64	51
807	Inhibition of VCAM-1 expression in endothelial cells by CORM-3: the role of the ubiquitin-proteasome system, p38, and mitochondrial respiration. 2012 , 52, 794-802	15

806	Periodontal disease and decreased kidney function in Japanese elderly. 2012 , 59, 202-9	65
805	Monocytes from sickle cell disease patients induce differential pulmonary endothelial gene expression via activation of NF- κ B signaling pathway. 2012 , 50, 117-23	23
804	A wound-like inflammatory aortic response in chronic portal hypertensive rats. 2012 , 51, 177-87	7
803	Novel phytonutrient contributors to antioxidant protection against cardiovascular disease. 2012 , 28, 605-10	62
802	A pro-inflammatory profile of endothelial cell in <i>Lonomia obliqua</i> envenomation. 2012 , 60, 50-60	9
801	Sulforaphane suppresses vascular adhesion molecule-1 expression in TNF- α -stimulated mouse vascular smooth muscle cells: involvement of the MAPK, NF- κ B and AP-1 signaling pathways. 2012 , 56, 131-41	50
800	A case-control study on the association between chronic prostatitis/chronic pelvic pain syndrome and erectile dysfunction. 2012 , 110, 726-30	35
799	Accelerated atherosclerosis in systemic lupus erythematosus: role of proinflammatory cytokines and therapeutic approaches. 2012 , 12, 25-32	31
798	Herbal formula HMC05 prevents human aortic smooth muscle cell migration and proliferation by inhibiting the ERK1/2 MAPK signaling cascade. 2012 , 66, 177-84	11
797	Apoptotic signaling in endothelial cells with neutrophil activation. 2012 , 363, 269-80	7
796	TNF- α expression in Schwann cells is induced by LPS and NF- κ B-dependent pathways. 2012 , 37, 722-31	11
795	High vitreous concentration of IL-6 and IL-8, but not of adhesion molecules in relation to plasma concentrations in proliferative diabetic retinopathy. 2013 , 49, 108-14	54
794	Interleukin-6-signal transducer and activator of transcription-3 signaling mediates aortic dissections induced by angiotensin II via the T-helper lymphocyte 17-interleukin 17 axis in C57BL/6 mice. 2013 , 33, 1612-21	78
793	Structure and activity study of egg protein ovotransferrin derived peptides (IRW and IQW) on endothelial inflammatory response and oxidative stress. 2013 , 61, 2120-9	103
792	Role of PKC- α in NF- κ B-MT1-MMP-mediated activation of proMMP-2 by TNF- α in pulmonary artery smooth muscle cells. 2013 , 153, 289-302	13
791	Targeting of liposomes via PSGL1 for enhanced tumor accumulation. 2013 , 30, 352-61	7
790	Reply: To PMID 22135089. 2013 , 57, 422	
789	Microbleeds in ischemic stroke are associated with lower serum adiponectin and higher soluble E-selectin levels. 2013 , 334, 83-7	19

788	Effects of chemokine-like factor 1 on vascular smooth muscle cell migration and proliferation in vascular inflammation. 2013 , 226, 49-57	17
787	Inflammation and clinical presentation in neurodegenerative disease: a volatile relationship. 2013 , 19, 182-200	30
786	Synthesis and Performance of Acyloxy-diene-Fe(CO) ₃ Complexes with Variable Chain Lengths as Enzyme-Triggered Carbon Monoxide-Releasing Molecules. 2013 , 32, 3587-3594	40
785	Expression of pro-inflammatory cytokines and the risk of intracranial aneurysm. 2013 , 36, 1195-200	35
784	Bioaktive Peptide und Aminosäuren. 2013 , 267-274	
783	The role of thrombospondin-1 in cardiovascular health and pathology. 2013 , 168, 692-706	38
782	The N-glycoform of sRAGE is the key determinant for its therapeutic efficacy to attenuate injury-elicited arterial inflammation and neointimal growth. 2013 , 91, 1369-81	15
781	The risk association between experimental portal hypertension and an aortic atherosclerosis-like disease. 2013 , 57, 421-2	3
780	Asymptomatic abdominal aortic aneurysms show histological signs of progression: a quantitative histochemical analysis. 2013 , 80, 11-23	17
779	Lungs, bone marrow, and adipose tissue. A network approach to the pathobiology of chronic obstructive pulmonary disease. 2013 , 188, 1396-406	25
778	Amla (<i>Emblica officinalis</i> Gaertn.) extract inhibits lipopolysaccharide-induced procoagulant and pro-inflammatory factors in cultured vascular endothelial cells. 2013 , 110, 2201-6	18
777	Inhibitory effects of paeoniflorin on lysophosphatidylcholine-induced inflammatory factor production in human umbilical vein endothelial cells. 2013 , 31, 493-7	26
776	Matrix metalloproteinases: inflammatory regulators of cell behaviors in vascular formation and remodeling. 2013 , 2013, 928315	242
775	A sensitive chemotaxis assay using a novel microfluidic device. 2013 , 2013, 373569	9
774	Palm tocotrienol-rich fraction improves vascular proatherosclerotic changes in hyperhomocysteinemic rats. 2013 , 2013, 976967	12
773	Small GTPase and regulation of inflammation response in atherogenesis. 2013 , 62, 331-40	4
772	Endothelial heterogeneity and adhesion molecules N-glycosylation: implications in leukocyte trafficking in inflammation. 2013 , 23, 622-33	70
771	Differential roles of JNK, ERK1/2, and p38 mitogen-activated protein kinases on endothelial cell tissue repair functions in response to tumor necrosis factor- α . 2013 , 50, 145-56	14

770	Exercise and the aging endothelium. 2013 , 2013, 789607	23
769	Incident hypertension in older women and men with or at risk for HIV infection. 2013 , 14, 337-46	7
768	Circulating Th22 and Th9 levels in patients with acute coronary syndrome. 2013 , 2013, 635672	40
767	Multiple and large simple renal cysts are associated with prehypertension and hypertension. 2013 , 83, 924-30	22
766	Sesame oil consumption exerts a beneficial effect on endothelial function in hypertensive men. 2013 , 20, 202-8	17
765	Aortic Atherosclerosis in Systemic Lupus Erythematosus. 2014 , Suppl 5,	3
764	Excessive cytokine response to rapid proliferation of highly pathogenic avian influenza viruses leads to fatal systemic capillary leakage in chickens. 2013 , 8, e68375	28
763	Genipin inhibits TNF- α -induced vascular smooth muscle cell proliferation and migration via induction of HO-1. 2013 , 8, e74826	25
762	Vascular injury post stent implantation: different gene expression modulation in human umbilical vein endothelial cells (HUVECs) model. 2014 , 9, e90213	7
761	Diisopropylamine dichloroacetate, a novel pyruvate dehydrogenase kinase 4 inhibitor, as a potential therapeutic agent for metabolic disorders and multiorgan failure in severe influenza. 2014 , 9, e98032	43
760	Andrographolide inhibits nuclear factor- κ B activation through JNK-Akt-p65 signaling cascade in tumor necrosis factor- α -stimulated vascular smooth muscle cells. 2014 , 2014, 130381	12
759	Immunological aspects of chronic venous disease pathogenesis. 2014 , 39, 525-31	9
758	Increased levels of lysosomal cysteinyl cathepsins in human varicose veins: a histology study. 2014 , 111, 333-44	10
757	Sulodexide down-regulates the release of cytokines, chemokines, and leukocyte colony stimulating factors from human macrophages: role of glycosaminoglycans in inflammatory pathways of chronic venous disease. 2014 , 12, 173-85	34
756	Nonclinical safety biomarkers of drug-induced vascular injury: current status and blueprint for the future. 2014 , 42, 635-57	33
755	Protein kinase C- δ (PKC δ) regulates proinflammatory chemokine expression through cytosolic interaction with the NF- κ B subunit p65 in vascular smooth muscle cells. 2014 , 289, 9013-26	39
754	The interleukin-1 receptor antagonist anakinra improves endothelial dysfunction in streptozotocin-induced diabetic rats. 2014 , 13, 158	70
753	The effects of iodixanol and iopamidol on adhesion molecule serum levels in patients with angina pectoris undergoing coronary angiography: a randomized study. 2014 , 14, 156-61	0

752	Chronic inflammation and neutrophil activation as possible causes of joint diseases in ballet dancers. 2014 , 2014, 846021	10
751	Noncoding RNAs regulate NF- κ B signaling to modulate blood vessel inflammation. 2014 , 5, 422	54
750	Therapeutic potential of bone marrow-derived mesenchymal stem cells in formed aortic aneurysms of a mouse model. 2014 , 45, e156-65	24
749	Oxidative stress at high altitude: genotype–phenotype correlations. 2014 , 29	1
748	Air quality impacts mortality in acute medical admissions. 2014 , 107, 347-53	8
747	Regression of endothelial dysfunction in patients with endometriosis after surgical treatment: a 2-year follow-up study. 2014 , 29, 1205-10	8
746	Vessel ultrasound sonographic assessment of soluble receptor for advanced glycation end products efficacy in a rat balloon injury model. 2014 , 76, 110-5	1
745	Simulated microgravity induces an inflammatory response in the common carotid artery of rats. 2014 , 92, 661-8	9
744	IL-10 negatively regulates oxLDL-P38 pathway inhibited macrophage emigration. 2014 , 97, 590-9	3
743	Vasculitic Neuropathies and Neuropathies of Connective Tissue Diseases. 2014 , 733-785	3
742	Immunosuppressive/anti-inflammatory cytokines directly and indirectly inhibit endothelial dysfunction—a novel mechanism for maintaining vascular function. 2014 , 7, 80	85
741	Elevated levels of plasma TNF- α are associated with microvascular endothelial dysfunction in patients with sepsis through activating the NF- κ B and p38 mitogen-activated protein kinase in endothelial cells. 2014 , 41, 275-81	43
740	Sepsis-induced acute kidney injury revisited: pathophysiology, prevention and future therapies. 2014 , 20, 588-95	205
739	The complex link between influenza and severe sepsis. 2014 , 5, 137-42	30
738	Is prepregnancy obesity associated with risk of cerebral palsy and epilepsy in children?. 2014 , 29, NP196-201	19
737	Cerebral stroke injury: the role of cytokines and brain inflammation. 2014 , 25, 131-7	74
736	Extract of Housefly (<i>Musca domestica</i>) Maggot Anti-Inflammatory Parts could Regulate the Proliferation and Migration of TNF- α Stimulated Human Umbilical Vein Endothelial Cells. 2014 , 884-885, 446-449	
735	Infliximab reverses suppression of cholesterol efflux proteins by TNF- α a possible mechanism for modulation of atherogenesis. 2014 , 2014, 312647	22

734	The effects of celiprolol on serum concentrations of proinflammatory cytokines in hypertensive (SHR) and normotensive (WKY) rats. 2014 , 66, 68-73	3
733	Inflammation and cerebral aneurysms. 2014 , 5, 190-8	59
732	Matrix metalloproteinase 9 opposes diet-induced muscle insulin resistance in mice. 2014 , 57, 603-13	29
731	Focal Controlled Drug Delivery. 2014 ,	15
730	Toll-like receptors and damage-associated molecular patterns: novel links between inflammation and hypertension. 2014 , 306, H184-96	123
729	Left ventricular hypertrophy and endothelial dysfunction in chronic kidney disease. 2014 , 15, 56-61	31
728	Activation of NAD(P)H oxidase by tryptophan-derived 3-hydroxykynurenine accelerates endothelial apoptosis and dysfunction in vivo. 2014 , 114, 480-92	58
727	Influence of atorvastatin on angiotensin I metabolism in resting and TNF- α -activated rat vascular smooth muscle cells. 2014 , 15, 378-83	18
726	Atrial natriuretic peptide: an old hormone or a new cytokine?. 2014 , 58, 108-16	51
725	Curcumin decreased level of proinflammatory cytokines in monocyte cultures exposed to preeclamptic plasma by affecting the transcription factors NF- κ B and PPAR- γ 2014 , 6, 105-115	17
724	A prospective study on association of prostatic calcifications with sexual dysfunction in men with chronic prostatitis/chronic pelvic pain syndrome (CP/CPPS). 2014 , 11, 2528-36	13
723	Korean red ginseng extract alleviates atherosclerotic lesions in apolipoprotein E knockout mice. 2014 , 23, 1267-1272	3
722	Omics profiles in chronic venous ulcer wound fluid: innovative applications for translational medicine. 2014 , 14, 737-62	30
721	CaMKII and MEK1/2 inhibition time-dependently modify inflammatory signaling in rat cerebral arteries during organ culture. 2014 , 11, 90	12
720	Mediterranean dietary pattern, inflammation and endothelial function: a systematic review and meta-analysis of intervention trials. 2014 , 24, 929-39	304
719	Defining differences among perivascular cells derived from human pluripotent stem cells. 2014 , 2, 561-75	37
718	Protein kinase C isoforms in atherosclerosis: pro- or anti-inflammatory?. <i>Biochemical Pharmacology</i> , 2014 , 88, 139-49	6 29
717	Consuming a balanced high fat diet for 16 weeks improves body composition, inflammation and vascular function parameters in obese premenopausal women. 2014 , 63, 562-73	15

716	Antrodia salmonea inhibits TNF- α -induced angiogenesis and atherogenesis in human endothelial cells through the down-regulation of NF- κ B and up-regulation of Nrf2 signaling pathways. 2014 , 151, 394-406	24
715	Effect of arazyme on the lipopolysaccharide-induced inflammatory response in human endothelial cells. 2014 , 10, 1025-9	14
714	Iptakalim attenuates hypoxia-induced pulmonary arterial hypertension in rats by endothelial function protection. 2015 , 12, 2945-52	8
713	Influenza virus pathogenicity regulated by host cellular proteases, cytokines and metabolites, and its therapeutic options. 2015 , 91, 351-68	20
712	Berberine inhibits tumor necrosis factor- α -induced expression of inflammatory molecules and activation of nuclear factor- κ B via the activation of AMPK in vascular endothelial cells. 2015 , 12, 5580-6	12
711	Endothelial biomarkers in patients with familial Mediterranean fever associated vascular disease and vasculopathy. 2015 , 13,	2
710	Targeting the delivery of systemically administered haematopoietic stem/progenitor cells to the inflamed colon using hydrogen peroxide and platelet microparticle pre-treatment strategies. 2015 , 15, 569-580	7
709	Advances in Vascular Hyporeactivity After Shock: The Mechanisms and Managements. 2015 , 44, 524-34	16
708	The Far Side of Vascular Injury: Nonconventional Vasoconstrictors, DNA-targeting Agents, and Agents Toxic to Vascular Smooth Muscle. 2015 , 43, 945-58	1
707	Suppression of transient receptor potential melastatin 4 expression promotes conversion of endothelial cells into fibroblasts via transforming growth factor/ α 1 type I receptor-like kinase 5 pathway. 2015 , 33, 981-92	18
706	IL-1 β reduces tonic contraction of mesenteric lymphatic muscle cells, with the involvement of cyclooxygenase-2 and prostaglandin E2. 2015 , 172, 4038-51	25
705	Relationship between adiponectin, obesity and insulin resistance. 2015 , 61, 72-80	89
704	Modulation of matrix metalloproteinases MMP-2 and MMP-9 activity by hydrofiber-foam hybrid dressing - relevant support in the treatment of chronic wounds. 2015 , 40, 391-4	20
703	Evodiamine Attenuates PDGF-BB-Induced Migration of Rat Vascular Smooth Muscle Cells through Activating PPAR γ 2015 , 16, 28180-93	22
702	The protective effect of lipoic acid on selected cardiovascular diseases caused by age-related oxidative stress. 2015 , 2015, 313021	38
701	Pulmonary Protection Strategies in Cardiac Surgery: Are We Making Any Progress?. 2015 , 2015, 416235	10
700	Diabetic Retinopathy: Vascular and Inflammatory Disease. 2015 , 2015, 582060	219
699	Endothelin Receptors Expressed by Immune Cells Are Involved in Modulation of Inflammation and in Fibrosis: Relevance to the Pathogenesis of Systemic Sclerosis. 2015 , 2015, 147616	34

698	Phenolics from grapefruit peels inhibit HMG-CoA reductase and angiotensin-I converting enzyme and show antioxidative properties in endothelial EA.Hy 926 cells. 2015 , 4, 80-85	30
697	Oral health status in relation to cognitive function among older Japanese. 2015 , 1, 3-9	7
696	RGS4 inhibits angiotensin II signaling and macrophage localization during renal reperfusion injury independent of vasospasm. 2015 , 87, 771-83	13
695	Toll-like receptor 4 inhibition reduces vascular inflammation in spontaneously hypertensive rats. 2015 , 122, 1-7	53
694	Declines in inflammation predict greater white matter microstructure in older adults. 2015 , 36, 948-54	22
693	The impacts of obesity on the cardiovascular and renal systems: cascade of events and therapeutic approaches. 2015 , 17, 7	19
692	Combined effects of substrate topography and stiffness on endothelial cytokine and chemokine secretion. 2015 , 7, 4525-4532	45
691	Myocardin regulates vascular smooth muscle cell inflammatory activation and disease. 2015 , 35, 817-28	71
690	Comparative effects of estrogen, raloxifene and tamoxifen on endothelial dysfunction, inflammatory markers and oxidative stress in ovariectomized rats. 2015 , 124, 101-9	44
689	Platelet-neutrophil interactions under thromboinflammatory conditions. 2015 , 72, 2627-43	52
688	Inflammation-induced endothelial cell-derived extracellular vesicles modulate the cellular status of pericytes. 2015 , 5, 8505	96
687	Simulated microgravity promotes monocyte adhesion to rat aortic endothelium via nuclear factor- κ B activation. 2015 , 42, 510-9	8
686	Hyperglycemia stimulates p62/PKC α interaction, which mediates NF- κ B activation, increased Nox4 expression, and inflammatory cytokine activation in vascular smooth muscle. 2015 , 29, 4772-82	25
685	Decidual natural killer cells regulate vessel stability: implications for impaired spiral artery remodelling. 2015 , 110, 54-60	36
684	Respiratory exposure to single-walled carbon nanotubes induced changes in vascular homeostasis and the expression of peripheral blood related genes in a rat model. 2015 , 4, 1225-1237	2
683	c-Jun N-terminal kinase attenuates TNF α signaling by reducing Nox1-dependent endosomal ROS production in vascular smooth muscle cells. 2015 , 86, 219-27	17
682	Clinical implication of perioperative inflammatory cytokine alteration. 2015 , 53, 23-8	32
681	The imperatorin derivative OW1, a new vasoactive compound, inhibits VSMC proliferation and extracellular matrix hyperplasia. 2015 , 284, 125-33	5

680	The role of oxidative stress, antioxidants and vascular inflammation in cardiovascular disease (a review). 2015 , 71, 40-56		539
679	Influenza A virus infection of vascular endothelial cells induces GSK-3 β -mediated E-catenin degradation in adherens junctions, with a resultant increase in membrane permeability. 2015 , 160, 225-34		12
678	Urinary N-acetyl-D-glucosaminidase (NAG) activity in the early detection of diabetic nephropathy. 2015 , 35, 369-374		4
677	Effect of irrigation fluid temperature on core body temperature and inflammatory response during arthroscopic shoulder surgery. 2015 , 135, 1131-9		10
676	Polymorphisms of inflammatory markers and risk of essential hypertension in Tatars from Russia. 2015 , 37, 398-403		3
675	Temporal phenotypic features distinguish polarized macrophages in vitro. 2015 , 48, 161-76		44
674	Redox-sensitive mechanisms underlying vascular dysfunction in heart failure. 2015 , 49, 721-42		7
673	XBP 1-Deficiency Abrogates Neointimal Lesion of Injured Vessels Via Cross Talk With the PDGF Signaling. 2015 , 35, 2134-44		30
672	Anti-angiogenic properties of coenzyme Q0 through downregulation of MMP-9/NF- κ B and upregulation of HO-1 signaling in TNF- α -activated human endothelial cells. <i>Biochemical Pharmacology</i> , 2015 , 98, 144-56	6	26
671	Pharmacokinetics and immunomodulatory effect of lipophilic Echinacea extract formulated in softgel capsules. 2015 , 97, 8-14		5
670	Sargaquinoic Acid Inhibits TNF- α -Induced NF- κ B Signaling, Thereby Contributing to Decreased Monocyte Adhesion to Human Umbilical Vein Endothelial Cells (HUVECs). 2015 , 63, 9053-61		21
669	Vascular Endothelial Growth Factor-A-Induced Vascular Permeability and Leukocyte Extravasation. 2015 , 187-207		
668	Expansion of myeloid-derived suppressor cells in patients with acute coronary syndrome. 2015 , 35, 292-304		20
667	Comment on 'mycophenolic acid attenuates the tumour necrosis factor- α -mediated proinflammatory response in endothelial cells by blocking the MAPK/NF- κ B and ROS pathways' by Olejarz et al. 2015 , 45, 109-10		
666	Essential oils purified from Schisandrae semen inhibits tumor necrosis factor- α -induced matrix metalloproteinase-9 activation and migration of human aortic smooth muscle cells. 2015 , 15, 7		14
665	MAS receptors mediate vasoprotective and atheroprotective effects of candesartan upon the recovery of vascular angiotensin-converting enzyme 2-angiotensin-(1-7)-MAS axis functionality. 2015 , 764, 173-188		13
664	A comparison of melatonin and lipoic acid in the induction of antioxidant defences in L6 rat skeletal muscle cells. 2015 , 37, 9824		13
663	Anti-inflammatory and anti-arthritic effects of Guge Fengtong Formula: in vitro and in vivo studies. 2015 , 13, 842-853		16

662	Overexpression of CRY1 protects against the development of atherosclerosis via the TLR/NF- κ B pathway. 2015 , 28, 525-30	45
661	Ramalin inhibits VCAM-1 expression and adhesion of monocyte to vascular smooth muscle cells through MAPK and PADI4-dependent NF- κ B and AP-1 pathways. 2015 , 79, 539-52	22
660	A mitochondrial bioenergetic basis of depression. 2015 , 47, 155-71	79
659	P-Selectin Targeted Dexamethasone-Loaded Lipid Nanoemulsions: A Novel Therapy to Reduce Vascular Inflammation. 2016 , 2016, 1625149	19
658	Inhibitory effect of leaves extracts of and on two key enzymes involved in obesity and hypertension. 2016 , 5, 396-402	21
657	Synergistic Effects of Danshen (<i>Salvia Miltiorrhiza Radix et Rhizoma</i>) and Sanqi (<i>Notoginseng Radix et Rhizoma</i>) Combination in Inhibiting Inflammation Mediators in RAW264.7 Cells. 2016 , 2016, 5758195	14
656	Low-Dose Steroid Therapy Is Associated with Decreased IL-12 Production in PBMCs of Severe Septic Patients. 2016 , 2016, 1796094	1
655	Association between TNF- α s1800629 polymorphism and the risk of myocardial infarction: A meta-analysis. 2016 , 15,	4
654	Preclinical and Clinical Studies on Antioxidative, Antihypertensive and Cardioprotective Effect of Marine Proteins and Peptides-A Review. 2016 , 14,	25
653	Effect of Vitamin E and Omega-3 Fatty Acids on Protecting Ambient PM2.5-Induced Inflammatory Response and Oxidative Stress in Vascular Endothelial Cells. 2016 , 11, e0152216	55
652	Microparticle-Induced Activation of the Vascular Endothelium Requires Caveolin-1/Caveolae. 2016 , 11, e0149272	17
651	Targeting Tumor Necrosis Factor- α with Adalimumab: Effects on Endothelial Activation and Monocyte Adhesion. 2016 , 11, e0160145	18
650	Barrier protective effects of 2,4,6-trihydroxy-3-geranyl acetophenone on lipopolysaccharides-stimulated inflammatory responses in human umbilical vein endothelial cells. 2016 , 192, 248-255	12
649	Amorphous nanosilica particles evoke vascular relaxation through PI3K/Akt/eNOS signaling. 2016 , 30, 419-28	3
648	Longitudinal relationship of severe periodontitis with cognitive decline in older Japanese. 2016 , 51, 681-8	16
647	Urolithin A attenuates ox-LDL-induced endothelial dysfunction partly by modulating microRNA-27 and ERK/PPAR- γ pathway. 2016 , 60, 1933-43	29
646	Inhibition of cell growth and induction of inflammation by endosulfan in HUVEC-C cells. 2016 , 31, 1785-1795	11
645	Cyanidin-3-glucoside attenuates angiotensin II-induced oxidative stress and inflammation in vascular endothelial cells. 2016 , 260, 67-67	28

644	Adiporedoxin suppresses endothelial activation via inhibiting MAPK and NF- κ B signaling. 2016 , 6, 38975	12
643	Role of noncoding RNA in vascular remodelling. 2016 , 27, 439-48	25
642	Blockade of monocyte-endothelial trafficking by transduced Tat-superoxide dismutase protein. 2016 , 37, 387-97	4
641	Sepsis-induced acute kidney injury. 2016 , 22, 546-553	127
640	Respiratory Medicine and Science. 2016 ,	
639	Vasostatin-2 inhibits cell proliferation and adhesion in vascular smooth muscle cells, which are associated with the progression of atherosclerosis. 2016 , 469, 948-53	11
638	Parenteral nutrition in short bowel syndrome patients, regardless of its duration, increases serum proinflammatory cytokines. 2016 , 36, 751-5	8
637	Role of 5 Saponins in Secretion of Cytokines by PRRSV-induced Endothelial Cells. 2016 , 66, 357-62	8
636	Inhibiting adhesion events by Panax notoginseng saponins and Ginsenoside Rb1 protecting arteries via activation of Nrf2 and suppression of p38 - VCAM-1 signal pathway. 2016 , 192, 423-430	34
635	Inhibition of the JAK2/STAT3/SOSC1 Signaling Pathway Improves Secretion Function of Vascular Endothelial Cells in a Rat Model of Pregnancy-Induced Hypertension. 2016 , 40, 527-537	11
634	Tormentica acid inhibits H ₂ O ₂ -induced oxidative stress and inflammation in rat vascular smooth muscle cells via inhibition of the NF- κ B signaling pathway. 2016 , 14, 3559-64	17
633	N-3 vs. n-6 fatty acids differentially influence calcium signalling and adhesion of inflammatory activated monocytes: impact of lipid rafts. 2016 , 65, 881-894	12
632	Sesame Oil and Rice Bran Oil Ameliorates Adjuvant-Induced Arthritis in Rats: Distinguishing the Role of Minor Components and Fatty Acids. 2016 , 51, 1385-1395	19
631	Vascularized composite allograft-specific characteristics of immune responses. 2016 , 29, 672-81	20
630	Cathepsin D: an M ϕ -derived factor mediating increased endothelial cell permeability with implications for alteration of the blood-retinal barrier in diabetic retinopathy. 2016 , 30, 1670-82	18
629	Phosphodiesterase Type 5 Inhibitor Sildenafil Decreases the Proinflammatory Chemokine CXCL10 in Human Cardiomyocytes and in Subjects with Diabetic Cardiomyopathy. 2016 , 39, 1238-52	31
628	The correlation between the traditional Chinese medicine (TCM) syndrome and the concentration of adiponectin and peroxynitrite in dyslipidemia patients. 2016 , 8, 973-979	4
627	An investigation of vago-regulatory and health-behavior accounts for increased inflammation in posttraumatic stress disorder. 2016 , 83, 33-9	16

626	Role of macrophage colony-stimulating factor in the development of neointimal thickening following arterial injury. 2016 , 25, 284-292	4
625	Energy metabolic disorder is a major risk factor in severe influenza virus infection: Proposals for new therapeutic options based on animal model experiments. 2016 , 54, 312-9	9
624	A novel endothelial-derived anti-inflammatory activity significantly inhibits spontaneous choroidal neovascularisation in a mouse model. 2016 , 8, 2	10
623	Elevated serum ghrelin, tumor necrosis factor- α and interleukin-6 in congenital heart disease. 2016 , 58, 259-64	9
622	Uric Acid and Neurocognitive Function in Survivors of Childhood Acute Lymphoblastic Leukemia Treated with Chemotherapy Only. 2016 , 25, 1259-67	11
621	Cycling hypoxia: A key feature of the tumor microenvironment. 2016 , 1866, 76-86	103
620	Effects of Acute Stroke Serum on Non-Ischemic Cerebral and Mesenteric Vascular Function. 2016 , 7, 156-65	5
619	Intracellular and Extracellular Cytokines in A549 Cells and THP1 Cells Exposed to Cigarette Smoke. 2016 , 910, 39-45	12
618	Intermittent hypoxia induces NF- κ B-dependent endothelial activation via adipocyte-derived mediators. 2016 , 310, C446-55	28
617	Increased ventricular cerebrospinal fluid lactate in depressed adolescents. 2016 , 32, 1-8	18
616	In vivo treatment of rat arterial adventitia with interleukin-1 β induces intimal proliferation via the JAK2/STAT3 signaling pathway. 2016 , 13, 3451-8	12
615	Inflammation and its role in age-related macular degeneration. 2016 , 73, 1765-86	336
614	Does plasma membrane lipid composition impact the miRNA-mediated regulation of vascular inflammation?. 2016 , 88, 57-9	1
613	Portal hypertension is associated with modulation of regulatory T cells. 2016 , 14, 40-47	4
612	Role of Chinese herbal medicinal ingredients in secretion of cytokines by PCV2-induced endothelial cells. 2016 , 13, 141-7	16
611	Systemic lupus erythematosus and atherosclerosis: Review of the literature. 2016 , 15, 16-21	39
610	Increased premenstrual anterior cingulate glucose and lactate concentrations in major depressive disorder. 2017 , 22, 113-119	29
609	Are the innate and adaptive immune systems setting hypertension on fire?. 2017 , 117, 377-393	24

608	Celastrol attenuates angiotensin II mediated human umbilical vein endothelial cells damage through activation of Nrf2/ERK1/2/Nox2 signal pathway. 2017 , 797, 124-133	30
607	How tumour-induced vascular changes alter angiogenesis: Insights from a computational model. 2017 , 419, 211-226	22
606	Atherosclerotic and thrombotic genetic and environmental determinants in Egyptian coronary artery disease patients: a pilot study. 2017 , 17, 26	14
605	Association between interleukin-6 and the risk of cardiac events measured by coronary computed tomography angiography. 2017 , 33, 1237-1244	6
604	Gastrin-releasing peptide induces monocyte adhesion to vascular endothelium by upregulating endothelial adhesion molecules. 2017 , 485, 542-549	7
603	Reduction in CD16/CD56 and CD16/CD3/CD56 Natural Killer Cells in Coronary Artery Disease. 2017 , 46, 526-535	14
602	Cigarette smoke extract counteracts atheroprotective effects of high laminar flow on endothelial function. 2017 , 12, 776-786	22
601	Targeting inflammation to reduce cardiovascular disease risk: a realistic clinical prospect?. 2017 , 174, 3898-3913	103
600	Dietary rose hip exerts antiatherosclerotic effects and increases nitric oxide-mediated dilation in ApoE-null mice. 2017 , 44, 52-59	10
599	Aortic adventitial fibroblast sensitivity to mitogen activated protein kinase inhibitors depends on substrate stiffness. 2017 , 137, 1-10	11
598	DNA methylome analysis reveals distinct epigenetic patterns of ascending aortic dissection and bicuspid aortic valve. 2017 , 113, 692-704	20
597	Effect of SOCS1 silencing on proliferation and apoptosis of melanoma cells: An in vivo and in vitro study. 2017 , 39, 1010428317694315	2
596	High phosphate induces a pro-inflammatory response by vascular smooth muscle cells and modulation by vitamin D derivatives. 2017 , 131, 1449-1463	23
595	Sargachromenol protects against vascular inflammation by preventing TNF- α -induced monocyte adhesion to primary endothelial cells via inhibition of NF- κ B activation. 2017 , 42, 81-89	19
594	Schisandrin B inhibits LPS-induced inflammatory response in human umbilical vein endothelial cells by activating Nrf2. 2017 , 49, 142-147	24
593	Facile endothelium protection from TNF- α -inflammatory insult with surface topography. 2017 , 138, 131-141	8
592	Serum High-Sensitive C-Reactive Protein Level and CRP Genetic Polymorphisms Are Associated with Abdominal Aortic Aneurysm. 2017 , 45, 186-192	7
591	FAM3B mediates high glucose-induced vascular smooth muscle cell proliferation and migration via inhibition of miR-322-5p. 2017 , 7, 2298	15

590	Sepsis. 2017 ,	3
589	An overview on immunoregulatory and anti-inflammatory properties of chrysin and flavonoids substances. 2017 , 92, 998-1009	96
588	Cardiorenal disease connection during post-menopause: The protective role of estrogen in uremic toxins induced microvascular dysfunction. 2017 , 238, 22-30	10
587	Cancer microvesicles induce tissue factor-related procoagulant activity in endothelial cells in vitro. 2017 , 28, 365-372	8
586	Angiotensin II degrades myeloid cell leukemia 1 in human umbilical vein endothelial cells. 2017 , 69, 321-327	1
585	Sepsis-Induced Acute Kidney Injury in Equine: Current Knowledge and Future Perspectives. 2017 , 50, 84-95	1
584	Elevated serum levels of ghrelin and TNF- α in patients with cyanotic and acyanotic congenital heart disease. 2017 , 13, 122-128	5
583	MD2 mediates angiotensin II-induced cardiac inflammation and remodeling via directly binding to Ang II and activating TLR4/NF- κ B signaling pathway. 2017 , 112, 9	66
582	Functional and Molecular Insights of Hydrogen Sulfide Signaling and Protein Sulfhydration. 2017 , 429, 543-561	82
581	In vivo modulation of LPS induced leukotrienes generation and oxidative stress by sesame lignans. 2017 , 41, 151-157	21
580	Cytokines and MicroRNA in Coronary Artery Disease. 2017 , 82, 47-70	73
579	Mechanisms of antidiabetic effects of flavonoid rutin. 2017 , 96, 305-312	173
578	Quinic acid inhibits vascular inflammation in TNF- α -stimulated vascular smooth muscle cells. 2017 , 96, 563-571	38
577	Effect of pineapple, orange and watermelon juices on phosphodiesterase, monoamine oxidase and angiotensin-I converting enzyme activities in rat heart and brain homogenates. 2017 , 17, 269-276	5
576	Out of the frying pan and into the fire: damage-associated molecular patterns and cardiovascular toxicity following cancer therapy. 2017 , 11, 297-317	14
575	Genetic Ablation of MicroRNA-33 Attenuates Inflammation and Abdominal Aortic Aneurysm Formation via Several Anti-Inflammatory Pathways. 2017 , 37, 2161-2170	51
574	Bone marrow-derived mesenchymal stromal cells regress aortic aneurysm via the NF- κ B, Smad3 and Akt signaling pathways. 2017 , 19, 1167-1175	4
573	The atopic dermatitis blood signature is characterized by increases in inflammatory and cardiovascular risk proteins. 2017 , 7, 8707	104

572	A monocyte-TNF-endothelial activation axis in sickle transgenic mice: Therapeutic benefit from TNF blockade. 2017 , 92, 1119-1130	19
571	Endothelial fibrosis induced by suppressed STAT3 expression mediated by signaling involving the TGF- β /ALK5/Smad pathway. 2017 , 97, 1033-1046	11
570	Tumor necrosis factor- α receptor 1 contributes to ethanol-induced vascular reactive oxygen species generation and hypertension. 2017 , 11, 684-696.e3	17
569	Anti-inflammatory effects of 1-isothiocyanato-7-(methylsulfonyl) heptane by suppressing the NF- κ B signaling pathway. 2017 , 15, 57-65	1
568	Bone morphogenetic protein 9 (BMP9) and BMP10 enhance tumor necrosis factor- α -induced monocyte recruitment to the vascular endothelium mainly via activin receptor-like kinase 2. 2017 , 292, 13714-13726	30
567	Polycystic ovarian syndrome-associated cardiovascular complications: An overview of the association between the biochemical markers and potential strategies for their prevention and elimination. 2017 , 11 Suppl 2, S841-S851	8
566	Osthole inhibits intimal hyperplasia by regulating the NF- κ B and TGF- β /Smad2 signalling pathways in the rat carotid artery after balloon injury. 2017 , 811, 232-239	16
565	Trauma and Autonomic Dysregulation: Episodic-Versus Systemic-Negative Affect Underlying Cardiovascular Risk in Posttraumatic Stress Disorder. 2017 , 79, 496-505	15
564	Effects of Angelicae dahuricae Radix on 2, 4-Dinitrochlorobenzene-Induced Atopic Dermatitis-Like Skin Lesions in mice model. 2017 , 17, 98	16
563	Cancer cells increase endothelial cell tube formation and survival by activating the PI3K/Akt signalling pathway. 2017 , 36, 27	63
562	The crosstalk between vascular MSCs and inflammatory mediators determines the pro-calcific remodelling of human atherosclerotic aneurysm. 2017 , 8, 99	20
561	Oxidative and inflammatory signals in obesity-associated vascular abnormalities. 2017 , 131, 1689-1700	48
560	Nuclear factor kappa-B- and activator protein-1-mediated immunostimulatory activity of compound K in monocytes and macrophages. 2017 , 41, 298-306	27
559	Chronic systemic inflammation originating from epithelial tissues. 2017 , 284, 505-516	17
558	Secretory leukocyte protease inhibitor promising protective roles in obesity-associated atherosclerosis. 2017 , 242, 250-257	9
557	Obesity: A Perspective from Hypertension. 2017 , 101, 139-157	29
556	Investigating Prevalence and Pattern of Long-term Cardiovascular Disorders in Sulphur Mustard-exposed Victims and Determining Proper Biomarkers for Early Defining, Monitoring and Analysis of Patients' Feedback on Therapy. 2017 , 120, 120-130	2
555	Role of disturbed fatty acids metabolism in the pathophysiology of diabetic erectile dysfunction. 2017 , 16, 241	7

554	Central role of myeloid MCP1 in protecting against LPS-induced inflammation and lung injury. 2017 , 2, 17066	37
553	Varicella zoster virus-infected cerebrovascular cells produce a proinflammatory environment. 2017 , 4, e382	13
552	IL-1 β Inhibition in Cardiovascular Complications Associated to Diabetes Mellitus. 2017 , 8, 363	60
551	Human Placental Hofbauer Cells Maintain an Anti-inflammatory M2 Phenotype despite the Presence of Gestational Diabetes Mellitus. 2017 , 8, 888	52
550	Cellular and Oxidative Mechanisms Associated with Interleukin-6 Signaling in the Vasculature. 2017 , 18,	74
549	Impact of Unsaturated Fatty Acids on Cytokine-Driven Endothelial Cell Dysfunction. 2017 , 18,	4
548	The Potential of a Novel Class of EPAC-Selective Agonists to Combat Cardiovascular Inflammation. 2017 , 4,	13
547	Krill Oil-In-Water Emulsion Protects against Lipopolysaccharide-Induced Proinflammatory Activation of Macrophages In Vitro. 2017 , 15,	10
546	The AGE-RAGE Axis: Implications for Age-Associated Arterial Diseases. 2017 , 8, 187	71
545	Systemic and Local Cytokine Profile following Spinal Cord Injury in Rats: A Multiplex Analysis. 2017 , 8, 581	26
544	Aspalatone Prevents VEGF-Induced Lipid Peroxidation, Migration, Tube Formation, and Dysfunction of Human Aortic Endothelial Cells. 2017 , 2017, 2769347	10
543	Expression Profiling of Long Noncoding RNA Splice Variants in Human Microvascular Endothelial Cells: Lipopolysaccharide Effects. 2017 , 2017, 3427461	18
542	Regulation of Matrix Metalloproteinase in the Pathogenesis of Diabetic Retinopathy. 2017 , 148, 67-85	31
541	Ameliorating Effect of Gemigliptin on Renal Injury in Murine Adriamycin-Induced Nephropathy. 2017 , 2017, 7275109	10
540	Investigation of proliferation and migration of tongue squamous cell carcinoma promoted by three chemokines, MIP-3 β , MIP-1 α and IP-10. 2017 , 10, 4193-4203	5
539	Downregulated SOCS1 expression activates the JAK1/STAT1 pathway and promotes polarization of macrophages into M1 type. 2017 , 16, 6405-6411	34
538	BIOINFORMATICS: INFLAMMATORY CYTOKINES AND ATTENUATION OF DIABETES HYPERCHOLESTEROLEMIA-INDUCED RENAL INJURY USING MORNING GLORY AND NECKLACE POD EXTRACTS. 2017 , 10, 347	2
537	Oridonin inhibits vascular inflammation by blocking NF- κ B and MAPK activation. 2018 , 826, 133-139	43

536	Endothelial dysfunction in pulmonary arterial hypertension: loss of cilia length regulation upon cytokine stimulation. 2018 , 8, 2045894018764629	19
535	Acetone fraction from <i>Sechium edule</i> (Jacq.) S.w. edible roots exhibits anti-endothelial dysfunction activity. 2018 , 220, 75-86	4
534	A potential strategy for treating atherosclerosis: improving endothelial function via AMP-activated protein kinase. 2018 , 61, 1024-1029	28
533	TAK-733 inhibits inflammatory neointimal formation by suppressing proliferation, migration, and inflammation in vitro and in vivo. 2018 , 50, 1-12	3
532	Cytokines regulating lymphangiogenesis. 2018 , 53, 58-63	24
531	Immune senescence, epigenetics and autoimmunity. 2018 , 196, 59-63	55
530	Mulberry Polyphenol Extract Inhibits FAK/Src/PI3K Complex and Related Signaling To Regulate the Migration in A7r5 Cells. 2018 , 66, 3860-3869	10
529	Inflammation in sickle cell disease. 2018 , 68, 263-299	76
528	Etanercept restores vasocontractile sensitivity affected by mesenteric ischemia reperfusion. 2018 , 226, 8-14	3
527	Loss of endothelial nitric oxide synthase exacerbates intestinal and lung injury in experimental necrotizing enterocolitis. 2018 , 53, 1208-1214	9
526	Prediction of coronary disease incidence by biomarkers of inflammation, oxidation, and metabolism. 2018 , 8, 3191	27
525	In vitro and in vivo investigation of a novel amniotic-based chitosan dressing for wound healing. 2018 , 26, 87-101	15
524	Role of Macrophage Socs3 in the Pathogenesis of Aortic Dissection. 2018 , 7,	22
523	New Targets for the Prevention of Chronic Rejection after Thoracic Organ Transplantation. 2018 , 66, 20-30	10
522	Rice Bioactive Peptide Binding with TLR4 To Overcome HO-Induced Injury in Human Umbilical Vein Endothelial Cells through NF- κ B Signaling. 2018 , 66, 440-448	45
521	Clarithromycin suppresses induction of monocyte chemoattractant protein-1 and matrix metalloproteinase-9 and improves pathological changes in the lungs and heart of mice infected with influenza A virus. 2018 , 56, 6-13	11
520	Hydrogen sulfide provides intestinal protection during a murine model of experimental necrotizing enterocolitis. 2018 , 53, 1692-1698	11
519	Current Practices in the Management of Postoperative Arterial Vasospasm in Microsurgery. 2018 , 34, 242-249	12

518	Inhibition of RHO Kinase by Fasudil Attenuates Ischemic Lung Injury After Cardiac Arrest in Rats. 2018 , 50, 706-713	3
517	Phase angle is related with inflammatory and oxidative stress biomarkers in older women. 2018 , 102, 12-18	28
516	Microglial interactions with the neurovascular system in physiology and pathology. 2018 , 78, 604-617	47
515	Nitrated fatty acids in cardiovascular diseases. 2018 , 78, 146-146	15
514	Ultrasonicated Lespedeza cuneata extract prevents TNF- α -induced early atherosclerosis in vitro and in vivo. 2018 , 9, 2090-2101	11
513	Noninfectious causes of fever in adults. 2018 , 43, 38-44	3
512	Tumor Necrosis Factor-Alpha: Role in Development of Insulin Resistance and Pathogenesis of Type 2 Diabetes Mellitus. 2018 , 119, 105-110	216
511	Vascular Stem/Progenitor Cell Migration and Differentiation in Atherosclerosis. 2018 , 29, 219-235	21
510	Determining the cross-talk between smooth muscle cells and macrophages on a cobalt-chromium stent material surface using an in vitro postimplantation coculture model. 2018 , 106, 673-685	2
509	Transient receptor potential vanilloid 4 channel regulates vascular endothelial permeability during colonic inflammation in dextran sulphate sodium-induced murine colitis. 2018 , 175, 84-99	30
508	Angiotensin II Type 1 receptor antibodies are associated with inflammatory cytokines and poor clinical outcomes in pediatric kidney transplantation. 2018 , 93, 260-269	37
507	Analysis of skeletal muscle microcirculation in a porcine polytrauma model with haemorrhagic shock. 2018 , 36, 1377-1382	4
506	PLGA-PEG nanoparticles for targeted delivery of the mTOR/PI3kinase inhibitor dactolisib to inflamed endothelium. 2018 , 548, 747-758	24
505	Anti-inflammatory effect of methanolic extract of bark and its fractions against carrageenan induced paw oedema in rats. 2018 , 32, 2861-2864	3
504	Obesity as a Disease. 2018 , 102, 13-33	152
503	Differentially DNA methylation changes induced in vitro by traffic-derived nanoparticulate matter. 2018 , 395, 54-62	8
502	Impact of novel N-aryl piperamide NO donors on NF- κ B translocation in neuroinflammation: rational drug-designing synthesis and biological evaluation. 2018 , 24, 24-39	5
501	Development, validation and application of a micro-liquid chromatography-tandem mass spectrometry based method for simultaneous quantification of selected protein biomarkers of endothelial dysfunction in murine plasma. 2018 , 149, 465-474	8

500	Unmet Needs in the Field of Psoriasis: Pathogenesis and Treatment. 2018 , 55, 295-311	40
499	LPS-stimulated Macrophage Activation Affects Endothelial Dysfunction. 2018 , 48, 23	1
498	Protective effect of Xin-Ji-Er-Kang on cardiovascular remodeling in high salt-induced hypertensive mice. 2019 , 17, 1551-1562	3
497	Regulatory role of sphingosine kinase and sphingosine-1-phosphate receptor signaling in progenitor/stem cells. 2018 , 10, 119-133	23
496	The Role of Vascular Smooth Muscle Cells in the Physiology and Pathophysiology of Blood Vessels. 2018 ,	15
495	The Pathogenesis of Atherosclerosis Based on Human Signaling Networks and Stem Cell Expression Data. 2018 , 14, 1678-1685	2
494	The Effect of Myosin Light Chain Kinase on the Occurrence and Development of Intracranial Aneurysm. 2018 , 12, 416	5
493	Comparative Study of Protein Expression Levels of Five Plaque Biomarkers and Relation with Carotid Plaque Type Classification in Patients after Carotid Endarterectomy. 2018 , 2018, 4305781	2
492	Genetic Polymorphisms Associated with Spontaneous Intracerebral Hemorrhage. 2018 , 19,	10
491	Muse Cells. 2018 ,	1
490	Muse Cells and Aortic Aneurysm. 2018 , 1103, 273-291	4
489	Pathophysiology of cardiovascular disease in diabetes mellitus. 2018 , 7, 4-9	21
488	Viral Sepsis in Children. 2018 , 6, 252	18
487	Overview of Pathophysiology of Acute Kidney Injury: Human Evidence, Mechanisms, Pathological Correlations and Biomarkers and Animal Models. 2018 , 45-67	1
486	Disease-relevant transcriptional signatures identified in individual smooth muscle cells from healthy mouse vessels. 2018 , 9, 4567	111
485	Polyamine Metabolism and Gene Methylation in Conjunction with One-Carbon Metabolism. 2018 , 19,	37
484	Schisandrin Attenuates Lipopolysaccharide-Induced Lung Injury by Regulating TLR-4 and Akt/FoxO1 Signaling Pathways. 2018 , 9, 1104	27
483	Red cell distribution width at hospital discharge and out-of hospital outcomes in critically ill non-cardiac vascular surgery patients. 2018 , 13, e0199654	5

482	The Properties of Cytokines in Multiple Sclerosis: Pros and Cons. 2018 , 356, 552-560	37
481	Combination Therapy with DETA/NO and Clopidogrel Inhibits Metastasis in Murine Mammary Gland Cancer Models via Improved Vasoprotection. 2018 , 15, 5277-5290	7
480	Eating Habits in Combating Disease. 2018 , 423-432	0
479	Corticosteroids and Their Use in Respiratory Disorders. 2018 ,	8
478	Matrix metalloproteinases in pro-atherosclerotic arterial remodeling. 2018 , 123, 159-167	37
477	Activation of Viruses by Host Proteases. 2018 ,	9
476	The Role of Secreted Serine Proteases of the Host in Influenza Viral Pathogenesis. 2018 , 135-151	
475	Nanotechnology-based electrochemical detection strategies for hypertension markers. 2018 , 116, 67-80	19
474	Heart Under Attack: Cardiac Manifestations of Inflammatory Bowel Disease. 2018 , 24, 2322-2326	17
473	Hemodynamic Stress, Inflammation, and Intracranial Aneurysm Development and Rupture: A Systematic Review. 2018 , 115, 234-244	55
472	Endothelial Alterations in Heart FailureMechanisms and Molecular Basis. 2018 , 565-573	
471	Discovery of two-level modular organization from matched genomic data via joint matrix tri-factorization. 2018 , 46, 5967-5976	15
470	Anti-Inflammatory Effects of Taraxasterol on LPS-Stimulated Human Umbilical Vein Endothelial Cells. 2018 , 41, 1755-1761	5
469	Adiponectin Regulation and Function. 2018 , 8, 1031-1063	222
468	Identification of genetic variants associated with dengue or West Nile virus disease: a systematic review and meta-analysis. 2018 , 18, 282	20
467	Lignans From Leaves and Flowers Attenuate the Pro-inflammatory Function of Leukocytes and Their Interaction With Endothelial Cells. 2018 , 9, 401	12
466	Age-, Gender-, and Different Doses of Isoproterenol Modify Aortic Vasoreactivity and Circulating VCAM-1. 2018 , 9, 20	3
465	Proinflammatory cytokines and ageing of the cardiovascular-renal system. 2018 , 175, 35-45	12

464	Cellular senescence links aging and diabetes in cardiovascular disease. 2018 , 315, H448-H462	41
463	CaMKII β interacts directly with IKK β and modulates NF- κ B signalling in adult cardiac fibroblasts. 2018 , 51, 166-175	10
462	BL23 modulates the innate immune response in α -stimulated bovine mammary epithelial cells. 2018 , 9, 985-995	8
461	Immune-Mediated Inflammation Promotes Subclinical Atherosclerosis in Recent-Onset Psoriatic Arthritis Patients without Conventional Cardiovascular Risk Factors. 2018 , 9, 139	17
460	Exploring the Immunomodulatory Moonlighting Activities of Acute Phase Proteins for Tolerogenic Dendritic Cell Generation. 2018 , 9, 892	10
459	A Comprehensive Safety Trial of Chimeric Antibody 14.18 With GM-CSF, IL-2, and Isotretinoin in High-Risk Neuroblastoma Patients Following Myeloablative Therapy: Children's Oncology Group Study ANBL0931. 2018 , 9, 1355	49
458	Variability of MMP/TIMP and TGF- β Receptors throughout the Clinical Progression of Chronic Venous Disease. 2017 , 19,	11
457	The Role of Microglia in Diabetic Retinopathy: Inflammation, Microvasculature Defects and Neurodegeneration. 2018 , 19,	136
456	Water/ethanol extract of Cucumis sativus L. fruit attenuates lipopolysaccharide-induced inflammatory response in endothelial cells. 2018 , 18, 194	5
455	Cytokines Produced by Lymphocytes in the Incompetent Great Saphenous Vein. 2018 , 2018, 7161346	5
454	Effect of red propolis on hamster cheek pouch angiogenesis in a new sponge implant model. 2018 , 33, 420-430	2
453	Maternal engineered nanomaterial inhalation during gestation alters the fetal transcriptome. 2018 , 15, 3	31
452	Anti-inflammatory activity of Theobroma cacao L. stem bark ethanol extract and its fractions in experimental models. 2018 , 222, 239-248	17
451	Lactobacillus plantarum 299v Supplementation Improves Vascular Endothelial Function and Reduces Inflammatory Biomarkers in Men With Stable Coronary Artery Disease. 2018 , 123, 1091-1102	66
450	Arsenic aggravates oxidative stress causing hepatic alterations and inflammation in diabetic rats. 2018 , 209, 472-480	20
449	Extracellular Vesicles Work as a Functional Inflammatory Mediator Between Vascular Endothelial Cells and Immune Cells. 2018 , 9, 1789	55
448	A clinical update on metformin and lung cancer in diabetic patients. 2018 , 60, 70-75	26
447	Cardiovascular and inflammatory mechanisms in healthy humans exposed to air pollution in the vicinity of a steel mill. 2018 , 15, 34	17

446	Honeycomb-structured metasurfaces for the adaptive nesting of endothelial cells under hemodynamic loads. 2018 , 6, 2726-2737	6
445	Protective Effect of Polyphenol-Rich Extract from Bee Pollen in a High-Fat Diet. 2018 , 23,	10
444	COMP-prohibitin 2 interaction maintains mitochondrial homeostasis and controls smooth muscle cell identity. 2018 , 9, 676	13
443	Influence of Moringa (<i>Moringa oleifera</i>) leaf extracts on the antioxidant and angiotensin-1 converting enzyme inhibitory properties of lisinopril. 2018 , 18, 317-324	
442	Pharmacological inhibition of MALT1 protease activity suppresses endothelial activation via enhancing MCP1 expression. 2018 , 50, 1-8	6
441	A Pilot Study Evaluating Cerebral Vasculitis in Kawasaki's Disease. 2018 , 49, 392-396	2
440	Effects of fermented Sorghum bicolor L. Moench extract on inflammation and thickness in a vascular cell and atherosclerotic mice model. 2019 , 73, 34-46	8
439	Immune cell trafficking, lymphatics and hypertension. 2019 , 176, 1978-1988	11
438	Molecular interactions, bioavailability, and cellular mechanisms of angiotensin-converting enzyme inhibitory peptides. 2019 , 43, e12572	36
437	The role of endothelial cells in cystic fibrosis. 2019 , 18, 752-761	10
436	Fucoidan isolated from <i>Padina commersonii</i> inhibit LPS-induced inflammation in macrophages blocking TLR/NF- κ B signal pathway. 2019 , 224, 115195	36
435	Systems Approach to Study Associations between OxLDL and Abdominal Aortic Aneurysms. 2019 , 20,	5
434	CKLF1 aggravates neointimal hyperplasia by inhibiting apoptosis of vascular smooth muscle cells through PI3K/AKT/NF- κ B signaling. 2019 , 117, 108986	4
433	Ly6C Inflammatory Monocyte Differentiation Partially Mediates Hyperhomocysteinemia-Induced Vascular Dysfunction in Type 2 Diabetic db/db Mice. 2019 , 39, 2097-2119	25
432	Interactions Between Influenza and Heart Failure Hospitalizations-Diagnostic and Pathogenetic Issues-Reply. 2019 , 4, 950	
431	IL-18, VCAM-1 and P-selectin as early biomarkers in normoalbuminuric Type 2 diabetes patients. 2019 , 13, 467-478	8
430	Evaluation of arterial digital blood flow in dairy cows with claw horn disruption lesions using Doppler ultrasonography. 2019 , 102, 9213-9223	
429	The vitamin D-folate hypothesis in human vascular health. 2019 , 317, R491-R501	7

428	Extract May Alleviate High Glucose-Induced Arterial Damage and Inflammation. 2019 , 8,	1
427	Apolipoprotein E4 Expression Causes Gain of Toxic Function in Isogenic Human Induced Pluripotent Stem Cell-Derived Endothelial Cells. 2019 , 39, e195-e207	25
426	Cysteinyl leukotriene receptor antagonism: a promising pharmacological strategy for lowering the severity of arthritis. 2019 , 27, 923-931	6
425	Cardiomyopathy Associated with Diabetes: The Central Role of the Cardiomyocyte. 2019 , 20,	40
424	Editor's Choice - The Impact of Endovascular Aneurysm Repair on Long Term Renal Function Based on Hard Renal Outcomes. 2019 , 58, 328-333	8
423	In Vitro Vascular-Protective Effects of a Tilapia By-Product Oligopeptide on Angiotensin II-Induced Hypertensive Endothelial Injury in HUVEC by Nrf2/NF- κ B Pathways. 2019 , 17,	10
422	The role of smooth muscle cells in plaque stability: Therapeutic targeting potential. 2019 , 176, 3741-3753	34
421	TNFSF/TNFRSF cytokine gene expression in sickle cell anemia: Up-regulated TNF-like cytokine 1A (TL1A) and its decoy receptor (DcR3) in peripheral blood mononuclear cells and plasma. 2019 , 123, 154744	2
420	Vascular Structure and Inflammation in a South African Population: The SABPA Study. 2020 , 7, 60-68	1
419	Testicular necrosis due to complicated epididymitis and ruptured sperm granuloma in a 13-year-old boy. 2019 , 2019, rjy349	
418	Injectable extracellular vesicle-released self-assembling peptide nanofiber hydrogel as an enhanced cell-free therapy for tissue regeneration. 2019 , 316, 93-104	38
417	The inflammasome NLRP3 plays a dual role on mouse corpora cavernosa relaxation. 2019 , 9, 16224	4
416	Interactions between inflammation and female sexual desire and arousal function. 2019 , 11, 287-299	4
415	Discovery of crucial cytokines associated with abdominal aortic aneurysm formation by protein array analysis. 2019 , 244, 1648-1657	4
414	Dietary Supplementation with Silicon-Enriched Spirulina Improves Arterial Remodeling and Function in Hypertensive Rats. 2019 , 11,	7
413	Active roles of dysfunctional vascular endothelium in fibrosis and cancer. 2019 , 26, 86	12
412	Emerging Role of Vitamin D and its Associated Molecules in Pathways Related to Pathogenesis of Thrombosis. 2019 , 9,	47
411	Association of urinary sodium/potassium ratio with structural and functional vascular changes in non-diabetic hypertensive patients. 2019 , 21, 1360-1369	6

410	Anti-inflammatory Compound Shows Therapeutic Safety and Efficacy against Flavivirus Infection. 2019 , 64,	4
409	The effects of aging and cardiovascular risk factors on microvascular function assessed by near-infrared spectroscopy. 2019 , 126, 103911	9
408	Absence of gravin-mediated signaling inhibits development of high-fat diet-induced hyperlipidemia and atherosclerosis. 2019 , 317, H793-H810	5
407	Lysophosphatidic acid and its receptors: pharmacology and therapeutic potential in atherosclerosis and vascular disease. 2019 , 204, 107404	16
406	Apheresis as emerging treatment option in severe early onset preeclampsia. 2019 , 40, 61-67	3
405	Role of host trypsin-type serine proteases and influenza virus-cytokine-trypsin cycle in influenza viral pathogenesis. Pathogenesis-based therapeutic options. 2019 , 166, 203-213	8
404	Role of Inflammatory Cell Subtypes in Heart Failure. 2019 , 2019, 2164017	35
403	Inhibition of Nuclear Factor Kappa B Prevents the Development of Experimental Periapical Lesions. 2019 , 45, 168-173	3
402	Cell Type-Specific Roles of NF- κ B Linking Inflammation and Thrombosis. 2019 , 10, 85	197
401	In vitro pulmonary and vascular effects induced by different diesel exhaust particles. 2019 , 306, 13-24	15
400	Sudden Cardiac Death (SCD) - risk stratification and prediction with molecular biomarkers. 2019 , 26, 39	21
399	Atomistic insight into the inhibition mechanisms of suppressors of cytokine signaling on Janus kinase. 2019 , 21, 12905-12915	5
398	Quercetin Inhibits the Production of IL-1 β -Induced Inflammatory Cytokines and Chemokines in ARPE-19 Cells via the MAPK and NF- κ B Signaling Pathways. 2019 , 20,	69
397	Carbon monoxide-releasing molecule-3 (CORM-3) offers protection in an in vitro model of compartment syndrome. 2019 , 26, e12577	4
396	RhoGTPase in Vascular Disease. 2019 , 8,	31
395	Platelets as Potent Signaling Entities in Type 2 Diabetes Mellitus. 2019 , 30, 532-545	20
394	Contributing factors and outcomes of burn-associated cholestasis. 2019 , 71, 563-572	9
393	Putrescine enhances intestinal immune function and regulates intestinal bacteria in weaning piglets. 2019 , 10, 4134-4142	8

392	Chronic treatment with C-type natriuretic peptide impacts differently in the aorta of normotensive and hypertensive rats. 2019 , 471, 1103-1115	3
391	Role of the Innate Cytokine Storm Induced by the Influenza A Virus. 2019 , 32, 244-251	37
390	Fas ligand and nitric oxide combination to control smooth muscle growth while sparing endothelium. 2019 , 212, 28-38	8
389	Therapeutic potential of natural compounds in inflammation and chronic venous insufficiency. 2019 , 176, 68-91	33
388	Modulation of the p75 neurotrophin receptor using LM11A-31 prevents diabetes-induced retinal vascular permeability in mice via inhibition of inflammation and the RhoA kinase pathway. 2019 , 62, 1488-1500 ¹⁶	
387	Histidine-rich glycoprotein ameliorates endothelial barrier dysfunction through regulation of NF-B and MAPK signal pathway. 2019 , 176, 2808-2824	22
386	Deciphering Endothelial Dysfunction in the HIV-Infected Population. 2019 , 1134, 193-215	5
385	Neuroprotective effects of zafirlukast, piracetam and their combination on L-Methionine-induced vascular dementia in rats. 2019 , 33, 634-648	8
384	Berberine hydrochloride protects against cytokine-induced inflammation through multiple pathways in undifferentiated C2C12 myoblast cells. 2019 , 97, 699-707	6
383	Cytokine Profiles Associated With Angiotensin II Type 1 Receptor Antibodies. 2019 , 4, 541-550	9
382	Effects of spermine on liver barrier function, amino acid transporters, immune status, and apoptosis in piglets.. 2019 , 9, 11054-11062	1
381	Insulin Promotes Wound Healing by Inactivating NFkB50/P65 and Activating Protein and Lipid Biosynthesis and alternating Pro/Anti-inflammatory Cytokines Dynamics. 2019 , 10, 11-24	13
380	Composite tissue allotransplantation: opportunities and challenges. 2019 , 16, 343-349	14
379	In patients with superficial vein thrombosis the inflammatory response is increased and related to the recanalization rate. 2019 , 15, 393-401	7
378	Multifunctional PLGA-based nanoparticles as a controlled release drug delivery system for antioxidant and anticoagulant therapy. 2019 , 14, 1533-1549	19
377	Reviews on Biomarker Studies of Metabolic and Metabolism-Related Disorders. 2019 ,	3
376	Rapamycin Rescues Endoplasmic Reticulum Stress-Induced Dry Eye Syndrome in Mice. 2019 , 60, 1254-1264	9
375	Inhibition of platelet GPVI induces intratumor hemorrhage and increases efficacy of chemotherapy in mice. 2019 , 133, 2696-2706	30

374	VSMC-specific EP4 deletion exacerbates angiotensin II-induced aortic dissection by increasing vascular inflammation and blood pressure. 2019 , 116, 8457-8462	32
373	Mitochondrial DNA: A new driver for sex differences in spontaneous hypertension. 2019 , 144, 142-150	14
372	Synergistic study of a Danshen (<i>Salvia Miltiorrhizae Radix et Rhizoma</i>) and Sanqi (<i>Notoginseng Radix et Rhizoma</i>) combination on cell survival in EA.hy926 cells. 2019 , 19, 50	11
371	Chikusetsusaponin V attenuates lipopolysaccharide-induced acute lung injury in mice by modulation of the NF- κ B and LXR β . 2019 , 70, 174-179	6
370	Anti-Inflammatory Activity of Echinomycin Peptide Derived from Pacific Oyster (<i>Pinctada fucata</i>) on NO and PGE $_2$ Production by Down-Regulating NF- κ B in LPS-Induced RAW264.7 Macrophage Cells. 2019 , 17,	31
369	Chemokines and Growth Factors Produced by Lymphocytes in the Incompetent Great Saphenous Vein. 2019 , 2019, 7057303	1
368	Heptachlor-induced epithelial to mesenchymal transition in HK-2 cells mediated via TGF- β /Smad signalling. 2019 , 38, 567-577	5
367	Novel Paracrine Functions of Smooth Muscle Cells in Supporting Endothelial Regeneration Following Arterial Injury. 2019 , 124, 1253-1265	11
366	Kaempferol-3-O-rutinoside suppresses the inflammatory responses in lipopolysaccharide-stimulated RAW264.7 cells via the NF- κ B and MAPK pathways. 2019 , 44, 2321-2328	9
365	Impressic Acid, a Lupane-Type Triterpenoid from <i>Impatiens</i> , Attenuates TNF- α -Induced Endothelial Dysfunction via Activation of eNOS/NO Pathway. 2019 , 20,	7
364	Associations of inflammatory markers and vascular cell adhesion molecule-1 with endothelial dysfunction in collagen-induced arthritis. 2019 , 865, 172786	8
363	Integrated proteomic analysis of tumor necrosis factor α and interleukin 1 β -induced endothelial inflammation. 2019 , 192, 89-101	10
362	Effect of carvacrol essential oils on immune response and inflammation-related genes expression in broilers challenged by lipopolysaccharide. 2019 , 98, 2026-2033	30
361	Cysteinyl leukotriene 2 receptor promotes endothelial permeability, tumor angiogenesis, and metastasis. 2019 , 116, 199-204	26
360	The phosphodiesterase 5 inhibitor sildenafil decreases the proinflammatory chemokine IL-8 in diabetic cardiomyopathy: in vivo and in vitro evidence. 2019 , 42, 715-725	19
359	A novel role for myeloid endothelin-B receptors in hypertension. 2019 , 40, 768-784	18
358	Sepsis-Induced Acute Kidney Injury. 2019 , 524-533.e3	2
357	Inhibition of LPS-stimulated ecto-adenosine deaminase attenuates endothelial cell activation. 2019 , 128, 62-76	8

356	Ginger attenuates trimethylamine-N-oxide (TMAO)-exacerbated disturbance in cholesterol metabolism and vascular inflammation. 2019 , 52, 25-33	8
355	5,2'-dibromo-2,4',5'-trihydroxydiphenylmethanone attenuates LPS-induced inflammation and ROS production in EA.hy926 cells via HMBOX1 induction. 2019 , 23, 453-463	12
354	Platelet-endothelial cell interactions modulate smooth muscle cell phenotype in an in vitro model of type 2 diabetes mellitus. 2019 , 316, C186-C197	7
353	TR β inhibits arterial renin-angiotensin system expression and prevents cholesterol accumulation in vascular smooth muscle cells. 2019 , 80, 89-95	1
352	Andrographis paniculata diterpenoids and ethanolic extract inhibit TNF β induced ICAM-1 expression in EA.hy926 cells. 2019 , 52, 157-167	9
351	Atorvastatin might resist tobacco smoking-induced endothelial inflammation through the inhibition of NF- κ B signal pathway. 2019 , 41, 1-4	3
350	TRIM14 promotes endothelial activation via activating NF- κ B signaling pathway. 2020 , 12, 176-189	17
349	Men Have a Stronger Monocyte-Derived Cytokine Production Response upon Stimulation with the Gram-Negative Stimulus Lipopolysaccharide than Women: A Pooled Analysis Including 15 Study Populations. 2020 , 12, 142-153	16
348	Lipoprotein-associated phospholipase A2: The story continues. 2020 , 40, 79-134	51
347	Endovascular Revascularization Improves the Central Hemodynamics and Augmentation Index in Patients with Peripheral Artery Disease. 2020 , 59, 37-44	0
346	Acute differences in pulse wave velocity, augmentation index, and central pulse pressure following controlled exposures to cookstove air pollution in the Subclinical Tests of Volunteers Exposed to Smoke (SToVES) study. 2020 , 180, 108831	8
345	Subclinical atherosclerosis and endothelial dysfunction in patients with polymyalgia rheumatica: a pilot study. 2020 , 49, 68-74	
344	ApoE4 Exacerbates Hippocampal Pathology Following Acute Brain Penetration Injury in Female Mice. 2020 , 70, 32-44	5
343	Alteration of Tear Cytokine Expressions in Primary Acquired Nasolacrimal Duct Obstruction - Potential Insights into the Etiopathogenesis. 2020 , 45, 435-439	3
342	Spectrum-effect relationship of antioxidant and anti-inflammatory activities of Laportea bulbifera based on multivariate statistical analysis. 2020 , 34, e4734	5
341	Follistatin and Soluble Endoglin Predict 1-Year Nonrelapse Mortality after Allogeneic Hematopoietic Cell Transplantation. 2020 , 26, 606-611	2
340	Effect of Photobiomodulation on C2C12 Myoblasts Cultivated in M1 Macrophage-conditioned Media. 2020 , 96, 906-916	3
339	Thoracic aortic dissection associated with involvement by small lymphocytic lymphoma/chronic lymphocytic leukemia: a possible underappreciated risk factor?. 2020 , 45, 107179	4

338	Deletion of the FHL2 gene attenuates intima-media thickening in a partially ligated carotid artery ligated mouse model. 2020 , 24, 160-173	6
337	Effect of flaxseed supplementation on markers of inflammation and endothelial function: A systematic review and meta-analysis. 2020 , 126, 154922	13
336	Paracrine signalling from monocytes enables desirable extracellular matrix accumulation and temporally appropriate phenotype of vascular smooth muscle cell-like cells derived from adipose stromal cells. 2020 , 103, 129-141	8
335	Endothelial dysfunction in neuroprogressive disorders-causes and suggested treatments. 2020 , 18, 305	15
334	Immune responses to retinal gene therapy using adeno-associated viral vectors - Implications for treatment success and safety. 2021 , 83, 100915	32
333	Disseminated intravascular coagulation: new identity as endotheliopathy-associated vascular microthrombotic disease based on in vivo hemostasis and endothelial molecular pathogenesis. 2020 , 18, 25	11
332	Novel tetrazole-based selective COX-2 inhibitors: Design, synthesis, anti-inflammatory activity, evaluation of PGE, TNF- α and histopathological study. 2020 , 104, 104308	13
331	New putative insights into neprilysin (NEP)-dependent pharmacotherapeutic role of roflumilast in treating COVID-19. 2020 , 889, 173615	6
330	The pharmaceutical solvent N-methyl-2-pyrrolidone (NMP) attenuates inflammation through Kr μ pel-like factor 2 activation to reduce atherogenesis. 2020 , 10, 11636	9
329	Syncope as the presenting symptom of COVID-19 infection. 2020 , 6, 363-366	20
328	Long Noncoding RNA XIST/miR-17/PTEN Axis Modulates the Proliferation and Apoptosis of Vascular Smooth Muscle Cells to Affect Stanford Type A Aortic Dissection. 2020 , 76, 53-62	10
327	. 2020 ,	1
326	Pro-inflammatory role of cell-free mitochondrial DNA in cardiovascular diseases. 2020 , 72, 1879-1890	6
325	Free Radicals as a Double-Edged Sword: The Cancer Preventive and Therapeutic Roles of Curcumin. 2020 , 25,	26
324	Acute Kidney Injury in Pediatric Inflammatory Multisystem Syndrome Temporally Associated With Severe Acute Respiratory Syndrome Coronavirus-2 Pandemic: Experience From PICUs Across United Kingdom. 2020 , 48, 1809-1818	18
323	Advances in Cardiovascular Biomarker Discovery. 2020 , 8,	11
322	Hemodynamics, baroreflex index and blood biomarkers of a patient who died after being affected by COVID-19: case report. 2020 , 42, 206-211	2
321	Phase Angle: Could Be an Easy Tool to Detect Low-Grade Systemic Inflammation in Adults Affected by Prader-Willi Syndrome?. 2020 , 12,	5

320	Neuroimmune System as a Driving Force for Plasticity Following CNS Injury. 2020 , 14, 187	12
319	The Future Application of Organ-on-a-Chip Technologies as Proving Grounds for MicroBioRobots. 2020 , 11,	6
318	History of Prostatitis Is an Independent Risk Factor for Erectile Dysfunction: A Cross-Sectional Study. 2020 , 2020, 8964673	3
317	Effects of flaxseed oil supplementation on biomarkers of inflammation and oxidative stress in patients with metabolic syndrome and related disorders: A systematic review and meta-analysis of randomized controlled trials. 2020 , 40, 27-33	3
316	The association between serum inflammatory biomarkers and incident hypertension among postmenopausal women in the Buffalo OsteoPerio Study. 2021 , 35, 791-799	1
315	Mechanisms of Endothelial Dysfunction in Pre-eclampsia and Gestational Diabetes Mellitus: Windows Into Future Cardiometabolic Health?. 2020 , 11, 655	25
314	Sepsis Diagnostics: Intensive Care Scoring Systems Superior to MicroRNA Biomarker Testing. 2020 , 10,	1
313	Fine Particulate Matter (PM) upregulates expression of Inflammasome NLRP1 ROS/NF- κ B signaling in HaCaT Cells. 2020 , 17, 2200-2206	8
312	CCL4 Inhibition in Atherosclerosis: Effects on Plaque Stability, Endothelial Cell Adhesiveness, and Macrophages Activation. 2020 , 21,	6
311	The Inhibition of Prolyl Oligopeptidase as New Target to Counteract Chronic Venous Insufficiency: Findings in a Mouse Model. 2020 , 8,	4
310	Tissue-level cytokines in a rodent model of chronic implant-associated infection. 2021 , 39, 2159-2168	2
309	Endothelin Type A Receptor Antibodies Are Associated With Angiotensin II Type 1 Receptor Antibodies, Vascular Inflammation, and Decline in Renal Function in Pediatric Kidney Transplantation. 2020 , 5, 1925-1936	9
308	Dietary oleic acid supplementation and blood inflammatory markers: a systematic review and meta-analysis of randomized controlled trials. 2020 , 1-18	1
307	Integrated analysis of immunocyte infiltration and differential gene expression in tricuspid aortic valve-associated thoracic aortic aneurysms. 2020 , 8, 285	1
306	Activation of CREB Protein With Tabersonine Attenuates STAT3 During Atherosclerosis in Apolipoprotein E-Deficient Mice. 2020 , 18, 1559325820912067	4
305	Lack of lymphocytes impairs macrophage polarization and angiogenesis in diabetic wound healing. 2020 , 254, 117813	13
304	Mutual inter-regulation between iNOS and TGF- β : Possible molecular and cellular mechanisms of iNOS in wound healing. 2020 , 1866, 165850	2
303	Endothelial function in obesity and effects of bariatric and metabolic surgery. 2020 , 18, 343-353	2

302	RGS12 Is a Novel Critical NF- κ B Activator in Inflammatory Arthritis. 2020 , 23, 101172	14
301	Obesity and COVID-19: immune and metabolic derangement as a possible link to adverse clinical outcomes. 2020 , 319, E105-E109	104
300	Diabetes and atherothrombosis: The circadian rhythm and role of melatonin in vascular protection. 2020 , 17, 1479164120920582	8
299	Postoperative comparison of laparoscopic radical resection and open abdominal radical hysterectomy for cervical cancer patient. 2020 , 302, 473-479	2
298	Qingda granules attenuate hypertensive cardiac remodeling and inflammation in spontaneously hypertensive rats. 2020 , 129, 110367	7
297	IGF-1 Deficiency Rescue and Intracellular Calcium Blockade Improves Survival and Corresponding Mechanisms in a Mouse Model of Acute Kidney Injury. 2020 , 21,	4
296	Glycemia and Atherosclerotic Cardiovascular Disease: Exploring the Gap Between Risk Marker and Risk Factor. 2020 , 7, 100	3
295	Tumor necrosis factor- α impairs cerebral blood flow in pregnant rats: role of vascular epithelial Na channel. 2020 , 318, H1018-H1027	7
294	Antioxidant Effects and Mechanisms of Medicinal Plants and Their Bioactive Compounds for the Prevention and Treatment of Type 2 Diabetes: An Updated Review. 2020 , 2020, 1356893	70
293	Identification of ambient fine particulate matter components related to vascular dysfunction by analyzing spatiotemporal variations. 2020 , 719, 137243	5
292	Inhibition of Gastrin-Releasing Peptide Attenuates Phosphate-Induced Vascular Calcification. 2020 , 9,	5
291	Detection of Early Disease Risk Factors Associated with Metabolic Syndrome: A New Era with the NMR Metabolomics Assessment. 2020 , 12,	21
290	Vasculoprotective Effects of Vildagliptin. Focus on Atherogenesis. 2020 , 21,	12
289	Arterial Hypertension and Plasma Glucose Modulate the Vasoactive Effects of Nitroso-Sulfide Coupled Signaling in Human Intrarenal Arteries. 2020 , 25,	4
288	Association of Selenoprotein S Expression and its Variants with Metabolic Syndrome in Subjects with Cardiovascular Disease. 2020 , 51, 535-541	1
287	Protective effects of andrographolide on lead-induced kidney injury through inhibiting inflammatory and oxidative responses in common carp. 2020 , 17, 100395	3
286	Endothelial Dysfunction in Obesity-Induced Inflammation: Molecular Mechanisms and Clinical Implications. 2020 , 10,	81
285	Molecular inflammation and oxidative stress are shared mechanisms involved in both myocardial infarction and periodontitis. 2020 , 55, 519-528	19

284	The Role of Toll-like Receptors in Atherothrombotic Cardiovascular Disease. 2020 , 3, 457-471	12
283	Role of Endogenous Regulators of Hem- And Lymphangiogenesis in Corneal Transplantation. 2020 , 9,	4
282	Diseases of the genitourinary system. 2020 , 569-625	
281	Avocado-Soybean Unsaponifiables: A Panoply of Potentialities to Be Exploited. 2020 , 10,	49
280	Mitochondrial dysfunction mediated through dynamin-related protein 1 (Drp1) propagates impairment in blood brain barrier in septic encephalopathy. 2020 , 17, 36	29
279	Biological Activities of Rhamnan Sulfate Extract from the Green Algae (Hitoegusa). 2020 , 18,	9
278	Inflammation in myocardial injury- Stem cells as potential immunomodulators for myocardial regeneration and restoration. 2020 , 250, 117582	6
277	The Endothelium as a Driver of Liver Fibrosis and Regeneration. 2020 , 9,	34
276	Cardiovascular and Autonomic Dysfunction in Murine Ligature-Induced Periodontitis. 2020 , 10, 6891	3
275	Interleukin-17 Reduces ENaC via MAPK Signaling in Vascular Smooth Muscle Cells. 2020 , 21,	1
274	Design and synthesis of 1,3-benzothiazinone derivatives as potential anti-inflammatory agents. 2020 , 28, 115526	11
273	Targeted Repair of Vascular Injury by Adipose-Derived Stem Cells Modified with P-Selectin Binding Peptide. 2020 , 7, 1903516	7
272	Matrix density drives 3D organotypic lymphatic vessel activation in a microfluidic model of the breast tumor microenvironment. 2020 , 20, 1586-1600	21
271	Mechanisms of Berberine for the Treatment of Atherosclerosis Based on Network Pharmacology. 2020 , 2020, 3568756	7
270	Perspectives on the Potential Benefits of Antihypertensive Peptides towards Metabolic Syndrome. 2020 , 21,	14
269	Skin-Compatible Biobased Beauty Masks Prepared by Extrusion. 2020 , 11,	15
268	A new microfluidic model that allows monitoring of complex vascular structures and cell interactions in a 3D biological matrix. 2020 , 20, 1827-1844	19
267	Sodium-glucose cotransporter 2 inhibitors represent a paradigm shift in the prevention of heart failure in type 2 diabetes patients. 2021 , 12, 6-20	7

266	Serum levels of inflammatory cytokines in patients with idiopathic carpal tunnel syndrome. 2021 , 131, 228-232	2
265	Intracranial hemorrhage in coronavirus disease 2019 (COVID-19) patients. 2021 , 42, 25-33	28
264	Influenza. 2021 ,	
263	Notch1-mediated inflammation is associated with endothelial dysfunction in human brain microvascular endothelial cells upon particulate matter exposure. 2021 , 95, 529-540	3
262	Altered plasma cytokine levels in acute and chronic central serous chorioretinopathy. 2021 , 99, e222-e231	10
261	The effects of Elettaria cardamom supplementation on inflammatory markers and vascular function in patients with type 2 diabetes mellitus: A mechanism -based randomized clinical trial. 2021 , 25, 100403	1
260	The effect of copper intrauterine device use duration on uterine and ovarian blood flow parameters: A prospective cross-sectional study. 2021 , 49, 124-128	1
259	Reduction in MicroRNA-4488 Expression Induces NF κ B Translocation in Venous Endothelial Cells Under Arterial Flow. 2021 , 35, 61-71	2
258	TMEM98, a novel secretory protein, promotes endothelial cell adhesion as well as vascular smooth muscle cell proliferation and migration. 2021 , 99, 536-548	1
257	Epsins in vascular development, function and disease. 2021 , 78, 833-842	6
256	Cerebral nitric oxide and mitochondrial function in patients suffering aneurysmal subarachnoid hemorrhage-a translational approach. 2021 , 163, 139-149	2
255	Evodiamine protects against airway remodelling and inflammation in asthmatic rats by modulating the HMGB1/NF- κ B/TLR-4 signalling pathway. 2021 , 59, 192-199	5
254	Osthole Alleviates Neointimal Hyperplasia in Balloon-Induced Arterial Wall Injury by Suppressing Vascular Smooth Muscle Cell Proliferation and Downregulating Cyclin D1/CDK4 and Cyclin E1/CDK2 Expression. 2020 , 11, 514494	1
253	Cytokine-induced liver injury in coronavirus disease-2019 (COVID-19): untangling the knots. 2021 , Publish Ahead of Print,	3
252	Hawthorn fruit extract reduced trimethylamine-N-oxide (TMAO)-exacerbated atherogenesis in mice via anti-inflammation and anti-oxidation. 2021 , 18, 6	10
251	Cytokines in Pathogenesis of Varicose Veins. 2021 , 15, 117	0
250	The influence of prostatic calculi on lower urinary tract symptoms and sexual dysfunction: a narrative review. 2021 , 10, 929-938	0
249	Role of mechanosignaling on pathology of varicose vein. 2021 , 13, 139-145	2

248	The Effect of Cannabis on the Clinical and Cytokine Profiles in Patients with Multiple Sclerosis. 2021 , 2021, 6611897	0
247	Time-Dependent Internalization of Polymer-Coated Silica Nanoparticles in Brain Endothelial Cells and Morphological and Functional Effects on the Blood-Brain Barrier. 2021 , 22,	1
246	Analysis of Periodontitis Biomarker Expression in Gingival Crevicular Fluids. 2021 , 21, 45-51	0
245	Sodium Selenite Attenuates Balloon Injury-Induced and Monocrotaline-Induced Vascular Remodeling in Rats. 2021 , 12, 618493	1
244	Idiopathic hypereosinophilic syndrome in hemodialysis patients: Case reports. 2021 , 100, e25164	1
243	Metabolomics and cardiovascular imaging: a combined approach for cardiovascular ageing. 2021 , 8, 1738-1750	6
242	Expression of PIAS Genes in Migraine Patients. 2021 , 71, 2053-2059	1
241	Long-Term Treatment of Azathioprine in Rats Induces Vessel Mineralization. 2021 , 9,	1
240	The aging endothelium. 2021 , 3, R35-R47	4
239	Magnesium supplementation reduces inflammation in rats with induced chronic kidney disease. 2021 , 51, e13561	1
238	Common Variants Associated With Expression Contribute to Carotid Plaque Vulnerability, but Not to Cardiovascular Disease in Humans. 2021 , 8, 658915	1
237	Pathological Q-Waves With Coronary Artery Spasm. 2021 , 3, 555-560	0
236	Anti-inflammatory effects of Ganoderma lucidum sterols via attenuation of the p38 MAPK and NF- κ B pathways in LPS-induced RAW 264.7 macrophages. 2021 , 150, 112073	9
235	Immunometabolic Endothelial Phenotypes: Integrating Inflammation and Glucose Metabolism. 2021 , 129, 9-29	7
234	Point-of-care detection of cytokines in cytokine storm management and beyond: Significance and challenges. 2021 , 2, 20210003	9
233	Knockdown of lncRNA ENST00000609755.1 Confers Protection Against Early oxLDL-Induced Coronary Heart Disease. 2021 , 8, 650212	0
232	Atherosclerosis and Bone Loss in Humans-Results From Deceased Donors and From Patients Submitted to Carotid Endarterectomy. 2021 , 8, 672496	3
231	Impact of presymptomatic COVID-19 on vascular and skeletal muscle function: a case study. 2021 , 130, 1961-1970	7

230	Selective Phosphodiesterase 1 Inhibition Ameliorates Vascular Function, Reduces Inflammatory Response, and Lowers Blood Pressure in Aging Animals. 2021 , 378, 173-183	2
229	Chronic radiation exposure aggravates atherosclerosis by stimulating neutrophil infiltration. 2021 , 97, 1270-1281	1
228	The Effect of Oral Magnesium Supplementation on Inflammatory Biomarkers in Adults: A Comprehensive Systematic Review and Dose-response Meta-analysis of Randomized Clinical Trials. 2021 , 1	2
227	Alterations in the Plasma and Red Blood Cell Properties in Patients with Varicose Vein: A Pilot Study. 2021 , 2021, 5569961	1
226	Role of WNT Agonists, BMP and VEGF Antagonists in Rescuing Osteoarthritic Knee Cartilage in a Rat Model.. 2022 , 56, 24-33	
225	Cytokines: From Clinical Significance to Quantification. 2021 , 8, e2004433	29
224	Inflammatory Basis of Atherosclerosis: Modulation by Sex Hormones. 2021 , 27, 2099-2111	3
223	Food-derived polyphenol compounds and cardiovascular health: A nano-technological perspective. 2021 , 41, 101033	8
222	Neutralizing interferon- α blocks inflammation-mediated vascular injury via PI3K and AMPK in systemic lupus erythematosus. 2021 , 164, 372-385	3
221	Antioxidant Properties of Alpha-Lipoic (Thioctic) Acid Treatment on Renal and Heart Parenchyma in a Rat Model of Hypertension. 2021 , 10,	4
220	VEGF Regulation of Angiogenic Factors via Inflammatory Signaling in Myeloproliferative Neoplasms. 2021 , 22,	2
219	Understanding Chronic Venous Disease: A Critical Overview of Its Pathophysiology and Medical Management. 2021 , 10,	10
218	Anti-Neuroinflammatory and Anti-Inflammatory Activities of Phenylheptatriyne Isolated from the Flowers of <i>L. via</i> NF- κ B Inhibition and HO-1 Expression in BV2 and RAW264.7 Cells. 2021 , 22,	2
217	Ultrasound and Microbubbles for Targeted Drug Delivery to the Lung Endothelium in ARDS: Cellular Mechanisms and Therapeutic Opportunities. 2021 , 9,	2
216	Inflammatory Mechanisms Contributing to Endothelial Dysfunction. 2021 , 9,	43
215	Nidogen-2 Maintains the Contractile Phenotype of Vascular Smooth Muscle Cells and Prevents Neointima Formation via Bridging Jagged1-Notch3 Signaling. 2021 , 144, 1244-1261	6
214	Leucine-Rich β -Glycoprotein 1 Suppresses Endothelial Cell Activation Through ADAM10-Mediated Shedding of TNF- α Receptor. 2021 , 9, 706143	5
213	Vascular Mechanobiology: Homeostasis, Adaptation, and Disease. 2021 , 23, 1-27	9

212	The SARS-CoV-2/Receptor Axis in Heart and Blood Vessels: A Crisp Update on COVID-19 Disease with Cardiovascular Complications. 2021 , 13,	3
211	Angiotensin-II activates vascular inflammasome and induces vascular damage. 2021 , 139, 106881	1
210	Crocodile blood supplementation protects vascular function in diabetic mice. 2021 , 3,	
209	A Review of the Properties of Anthocyanins and Their Influence on Factors Affecting Cardiometabolic and Cognitive Health. 2021 , 13,	8
208	Cardiovascular risks in patients with inflammatory bowel disease: what should be taken into account?. 2021 , 1, 112-120	
207	Acute Late-Stage Myocarditis in the Crab-Eating Macaque Model of Hemorrhagic Smallpox. 2021 , 13,	0
206	New Technologies With Increased Precision Improve Understanding of Endothelial Cell Heterogeneity in Cardiovascular Health and Disease. 2021 , 9, 679995	0
205	Inflammatory Mediators Leading to Edema Formation through Plasma Membrane Receptors.	
204	Interaction between testosterone and obesity on hypertension: A population-based cross-sectional study. 2021 , 330, 14-21	1
203	Rutaecarpine Increases Nitric Oxide Synthesis via eNOS Phosphorylation by TRPV1-Dependent CaMKII and CaMKK β /AMPK Signaling Pathway in Human Endothelial Cells. 2021 , 22,	4
202	Exploring the potential role of phase angle as a marker of oxidative stress: A narrative review. 2022 , 93, 111493	4
201	Impairment of hypoxic pulmonary vasoconstriction in acute respiratory distress syndrome. 2021 , 30,	6
200	Oxidative Post-Translational Modifications: A Focus on Cysteine Sulfhydration and the Regulation of Endothelial Fitness. 2021 , 35, 1494-1514	3
199	Is there a correlation between -174(G/C) polymorphism of IL-6 gene and the incidence of acute myocardial infarction?. 2021 , 19, 139	0
198	Involvement of Angiogenesis in the Pathogenesis of Coronary Aneurysms. 2021 , 9,	2
197	Comparison of Inflammatory and Angiogenic Factors in the Aqueous Humor of Vitrectomized and Non-Vitrectomized Eyes in Diabetic Macular Edema Patients. 2021 , 8, 699254	0
196	Cyclosporine A and Tacrolimus Induce Functional Impairment and Inflammatory Reactions in Endothelial Progenitor Cells. 2021 , 22,	1
195	Genetic polymorphisms as multi-biomarkers in severe acute respiratory syndrome (SARS) by coronavirus infection: A systematic review of candidate gene association studies. 2021 , 93, 104846	5

194	Glycemic control as an important tool in the prevention of cardiovascular aging in patients with diabetes mellitus. 2021 , 238-244	
193	COVID-19 and hypertension: Is there a role for dsRNA and activation of Toll-like receptor 3?. 2021 , 140, 106861	0
192	Cascade of immune mechanism and consequences of inflammatory disorders. 2021 , 91, 153712	7
191	Low-intensity pulsed ultrasound prevents angiotensin II-induced aortic smooth muscle cell phenotypic switch via hampering miR-17-5p and enhancing PPAR- α 2021 , 911, 174509	0
190	PARP inhibitor PJ34 ameliorates cognitive impairments induced by transient cerebral ischemia/reperfusion through its anti-inflammatory effects in a rat model. 2021 , 764, 136202	0
189	Regulation of gene expression in chickens by heat stress. 2021 , 12, 11	21
188	Endocan (ESM-1) levels in gingival crevicular fluid correlate with ICAM-1 and LFA-1 in periodontitis. 2020 , 35, e005	2
187	Inflammation as a Therapeutic Target after Subarachnoid Hemorrhage: Advances and Challenges. 2014 , 249-274	1
186	35 Heart Rate Variability. 2010 , 1513-1674	4
185	Dissecting TNF-TNFR1/TNFR2 signaling pathways in vasculature. 2010 , 137-159	1
184	Double-stranded RNA and Toll-like receptor activation: a novel mechanism for blood pressure regulation. 2020 , 134, 303-313	4
183	Monocyte recruitment to the inflamed central nervous system: migration pathways and distinct functional polarization.	1
182	Endothelia extrude apoptotic cells to maintain a constant barrier.	1
181	Mast cells and neutrophils mediate peripheral motor pathway degeneration in ALS. 2018 , 3,	57
180	Cellular pathophysiology of ischemic acute kidney injury. 2011 , 121, 4210-21	1181
179	Influence of hypertension, obesity and nicotine abuse on quantitative and qualitative changes in acute-phase proteins in patients with essential hypertension. 2012 , 18, CR330-6	4
178	CD40 is essential in the upregulation of TRAF proteins and NF-kappaB-dependent proinflammatory gene expression after arterial injury. 2011 , 6, e23239	38
177	Clinical utility of the UPOINT phenotype system in Chinese males with chronic prostatitis/chronic pelvic pain syndrome (CP/CPPS): a prospective study. 2013 , 8, e52044	35

176	Aberrantly expressed lncRNAs in primary varicose great saphenous veins. 2014 , 9, e86156	13
175	Low expression of lncRNA-GAS5 is implicated in human primary varicose great saphenous veins. 2015 , 10, e0120550	30
174	The Effect of Chronic Prostatitis/Chronic Pelvic Pain Syndrome (CP/CPPS) on Erectile Function: A Systematic Review and Meta-Analysis. 2015 , 10, e0141447	12
173	Intranasal post-cardiac arrest treatment with orexin-A facilitates arousal from coma and ameliorates neuroinflammation. 2017 , 12, e0182707	17
172	Protective Effect of Extract on Vascular Inflammation in Tumor Necrosis Factor- α -Induced Human Vascular Endothelial Cells. 2017 , 22, 228-233	11
171	The influence of the rs1800629 polymorphism on some inflammatory biomarkers in 45-60-year-old women with metabolic syndrome. 2018 , 10, 2935-2943	8
170	TRPC1/TRPC3 channels mediate lysophosphatidylcholine-induced apoptosis in cultured human coronary artery smooth muscles cells. 2016 , 7, 50937-50951	17
169	Small molecule-mediated induction of miR-9 suppressed vascular smooth muscle cell proliferation and neointima formation after balloon injury. 2017 , 8, 93360-93372	13
168	Ginseng berry extract increases nitric oxide level in vascular endothelial cells and improves cGMP expression and blood circulation in muscle cells. 2018 , 22, 6-13	7
167	Cellular Stress and General Pathological Processes. 2019 , 25, 251-297	14
166	Cardiovascular complications in inflammatory bowel disease. 2015 , 16, 181-8	36
165	Extracellular Vesicles and Insulin Resistance: A Potential Interaction in Vascular Dysfunction. 2019 , 17, 491-497	5
164	Expanded Network of Inflammatory Markers of Atherogenesis: Where Are We Now?. 2010 , 4, 38-44	3
163	Inflammation-induced atherosclerosis as a target for prevention of cardiovascular diseases from early life. 2010 , 4, 24-9	12
162	Expanded network of inflammatory markers of atherogenesis: where are we now?. 2010 , 4, 38-44	5
161	Effect of Cognitive Behavioral Therapy for Insomnia on Insomnia Symptoms for Individuals With Type 2 Diabetes: Protocol for a Pilot Randomized Controlled Trial. 2019 , 8, e14647	4
160	Omega-3 fatty acids reduce lipopolysaccharide-induced abnormalities in expression of connexin-40 in aorta of hereditary hypertriglyceridemic rats. 2016 , 65 Suppl 1, S65-76	5
159	Therapeutic Potential of Polysaccharides in an Animal Model of Lipopolysaccharide-Inflicted Oxidative Stress and Systemic Inflammation. 2020 , 25,	2

158	Rosuvastatin inhibits the smooth muscle cell proliferation by targeting TNF α -mediated Rho kinase pathway. 2012 , 9, 180-4	4
157	Anti-inflammatory Effect of Allium hookeri Root Methanol Extract in LPS-induced RAW264.7 Cells. 2012 , 41, 1645-1648	47
156	Serum Interleukin-18 and Its Gene Haplotypes Profile as Predictors in Patients with Diabetic Nephropathy. 2016 , 4, 324-328	5
155	Berberine Improves Kidney Injury Following Renal Ischemia Reperfusion in Rats. 2014 , 11, 9-18	2
154	Effects of thyroid-stimulating hormone on adhesion molecules and pro-inflammatory cytokines secretion in human umbilical vein endothelial cells. 2018 , 13, 546-556	7
153	Vascular Protection Following Cerebral Ischemia and Reperfusion. 2011 , 2011,	35
152	Mesenchymal stem cells for treatment of aortic aneurysms. 2014 , 6, 278-87	21
151	20S-dihydroprotopanaxadiol, a ginsenoside derivative, boosts innate immune responses of monocytes and macrophages. 2013 , 37, 293-9	38
150	Gastrin-releasing peptide promotes the migration of vascular smooth muscle cells through upregulation of matrix metalloproteinase-2 and -9. 2017 , 50, 628-633	11
149	Alterations to the middle cerebral artery of the hypertensive-arthritic rat model potentiates intracerebral hemorrhage. 2016 , 4, e2608	1
148	Apremilast effectively inhibits TNF α -induced vascular inflammation in human endothelial cells. 2021 ,	0
147	Cystic fibrosis-related liver disease: clinical presentations, diagnostic and monitoring approaches in the era of CFTR modulator therapies. 2021 ,	0
146	Heart Rate Variability. 2012 , 97-258	
145	Vascular Targets for Ischemic Stroke Treatment. 2012 , 3-36	
144	Nanotechnology Applications in Local Arterial Drug Delivery. 2014 , 359-385	
143	Atherosclerosis. 2014 , 133-210	
142	Inflammation. 2014 , 15-99	
141	Calcium Desensitization Mechanism and Treatment for Vascular Hyporesponsiveness After Shock. 2017 , 119-136	

- 140 Sepsis-Induced AKI. **2017**, 127-142 1
- 139 Association of Interleukin-1 Gene cluster polymorphisms with coronary slow flow phenomenon. **2018**, 19, 34-41 5
- 138 Analysis of the mutations in exon 10 of gene in patients with premature coronary heart disease in west Azerbaijan province of Iran. **2018**, 10, 20-23
- 137 Sorghum Fermented by NK Enhances Inhibition of Vascular Inflammation in TNF- α -stimulated Human Aortic Smooth Muscle Cells. **2018**, 88, 309-318 1
- 136 Porphyromonas gingivalis lipopolysaccharide stimulates vascular smooth muscle cell migration through signal transducer and activator of transcription 3-mediated matrix metalloproteinase-9 expression. **2019**, 44, 20-26
- 135 Common variants associated with OSMR expression contribute to carotid plaque vulnerability, but not to cardiovascular disease in humans.
- 134 The relationship of the carriership of allelic variations in rs2228145 (A > C) of the IL6R gene with the levels of VCAM1 and ICAM1 gene transcripts in patients with essential hypertension. **2020**, 24, 96-101 2
- 133 Multi-organ Proteomic Landscape of COVID-19 Autopsies.
- 132 Effect of Air Pollution on Glutathione S-Transferase Activity and Total Antioxidant Capacity: Cross Sectional Study in Kuwait. **2020**, 10, 200906 2
- 131 Elevated Glucagon-like Peptide-1 and a Th2 Shift May Support Reduced Prevalence of Thoracic Aortic Aneurysm in Patients with Diabetes. **2021**, 8, 1
- 130 Exosomes as Intercellular Messengers in Hypertension. **2021**, 22, 4
- 129 Endovascular Repair for Abdominal Aortic Rupture Caused by Periaortic Mantle Cell Lymphoma. **2020**, 13, 434-436
- 128 Central neuropathic pain after spinal cord injury: Therapeutic opportunities. A brief history and temporal progression of the pathophysiology from acute trauma to chronic conditions. **2022**, 45-86
- 127 Bionic receptor for atherosclerosis therapy: Molecularly imprinted polymers mediate unique cholesterol efflux and inhibit inflammation. **2022**, 430, 132870 0
- 126 Diabetic Foot Research. **2020**, 173-199
- 125 Pathophysiology. **2020**, 5-22
- 124 Cold-pressed oil from inhibits the proliferation of vascular smooth muscle cells via regulation of PI3K/MAPK signaling pathways. **2022**, 23, 21 2
- 123 Factors increasing the risk of mortality and morbidity due to coronavirus infection in patients with metabolic syndrome. **2020**, 4, 83-90 1

- 122 Cellular and Biochemical Pathogenic Processes in Severe Influenza Virus Infection: How Does Cytokine Storm Play a Role?. **2021**, 37-46
- 121 Vascular hypercontractility and endothelial dysfunction before development of atherosclerosis in moderate dyslipidemia: role for nitric oxide and interleukin-6. **2014**, 4, 114-22 18
- 120 Delineating the prime mover action of progesterone for endometrial receptivity in primates. **2014**, 140 Suppl, S130-6 2
- 119 Hydroxysafflor yellow A inhibits lipopolysaccharide-induced proliferation and migration of vascular smooth muscle cells via Toll-like receptor-4 pathway. **2015**, 8, 5295-302 11
- 118 The assessment of proinflammatory cytokines in the patients with the history of cerebral venous sinus thrombosis. **2016**, 15, 75-9
- 117 A STUDY OF THE ANTI-INFLAMMATORY EFFECTS OF THE ETHYL ACETATE FRACTION OF THE METHANOL EXTRACT OF FORSYTHIAE FRUCTUS. **2016**, 13, 102-113 2
- 116 Transcriptional activity of tumor necrosis factor-alpha gene in peripheral blood mononuclear cells in patients with coronary slow flow. **2017**, 13, 196-201 2
- 115 Endothelial MMP-9 drives the inflammatory response in abdominal aortic aneurysm (AAA). **2017**, 9, 5485-5495 14
- 114 Profiling and functional characterization of circulation LncRNAs that are associated with coronary atherosclerotic plaque stability. **2019**, 11, 3801-3815 4
- 113 Curcumin effects on myeloperoxidase, interleukin-18 and matrix metalloproteinase-9 inflammatory biomarkers in patients with unstable angina: A randomized clinical trial. **2019**, 9, 428-435 2
- 112 Saponins from Tribulus terrestris L. Extract Down-regulate the Expression of ICAM-1, VCAM-1 and E-selectin in Human Endothelial Cell Lines. **2020**, 9, 73-83 1
- 111 Roles of klotho and stem cells in mediating vascular calcification (Review). **2020**, 20, 124 1
- 110 Relationships between inflammatory and metabolic markers, exercise, and body composition in young individuals. **2021**, 7, 289-296
- 109 Is pathology useful in vascular surgery?. **2022**, 1-9
- 108 Exposure to Air Pollution Nanoparticles: Oxidative Stress and Neuroinflammation. **2021**, 2, 964-976 6
- 107 Herbal medicine AnoSpray suppresses proinflammatory cytokines COX-2 and RANTES in the management of hemorrhoids, acute anal fissures and perineal wounds.. **2022**, 23, 86
- 106 Systemic Diseases Affecting Liver Vessels. **2022**, 329-343
- 105 Age-Related Oxidative Stress-Induced Redox Imbalance. **2021**, 27-37

104	Neurological manifestations and pathogenic mechanisms of COVID-19.. 2022 , 1-12	1
103	Editorial: From Pathogenic Infections to Inflammation and Disease - the Tumultuous Road of the 'Cytokine Storm'.. 2021 , 11, 827151	
102	Roles of klotho and stem cells in mediating vascular calcification (Review). 2020 , 20, 1-1	2
101	Overview of Polyamines as Nutrients for Human Healthy Long Life and Effect of Increased Polyamine Intake on DNA Methylation.. 2022 , 11,	1
100	Endothelial Dysfunction after Hematopoietic Stem Cell Transplantation: A Review Based on Physiopathology.. 2022 , 11,	1
99	The Effects of Acute and Chronic Selective Phosphodiesterase 1 Inhibition on Smooth Muscle Cell-Associated Aging Features.. 2021 , 12, 818355	0
98	Biomarkers of endothelial dysfunction in Black South African HIV-positive subjects are associated with both high viral load and low CD4 counts.. 2021 ,	0
97	Recent Developments in Nanomaterials-Based Drug Delivery and Upgrading Treatment of Cardiovascular Diseases.. 2022 , 23,	4
96	The role of inflammation as a preponderant risk factor in cardiovascular diseases.. 2022 ,	0
95	Anti-Inflammatory Activity of Orally Administered Rhamnan Sulfate against Lipopolysaccharide-Induced Damage to Mouse Organs and Vascular Endothelium.. 2022 , 20,	
94	Retinal Microcirculation Changes in Crohn's Disease Patients under Biologics, a Potential Biomarker of Severity: A Pilot Study.. 2022 , 12,	0
93	Role of environmental toxicants in the development of hypertensive and cardiovascular diseases.. 2022 , 9, 521-533	0
92	Characterization of Early Peripheral Immune Responses in Patients with Sepsis and Septic Shock.. 2022 , 10,	0
91	Micropathological chip modelling the neurovascular unit response to inflammatory bone condition.. 2022 , e2102305	0
90	The effect of TNF- α inhibitor treatment on microRNAs and endothelial function in collagen induced arthritis.. 2022 , 17, e0264558	
89	Sepsis downregulates aortic Notch signaling to produce vascular hyporeactivity in mice.. 2022 , 12, 2941	0
88	Endothelial Transcytosis in Acute Lung Injury: Emerging Mechanisms and Therapeutic Approaches.. 2022 , 13, 828093	1
87	Angiopathic activity of LRG1 is induced by the IL-6/STAT3 pathway.. 2022 , 12, 4867	0

- 86 Photon Counting CT and Radiomic Analysis Enables Differentiation of Tumors Based on Lymphocyte Burden.. **2022**, 8, 740-753 0
- 85 Myeloperoxidase-Oxidized LDL Activates Human Aortic Endothelial Cells through the LOX-1 Scavenger Receptor.. **2022**, 23, 2
- 84 Thromboinflammatory Processes at the Nexus of Metabolic Dysfunction and Prostate Cancer: The Emerging Role of Periprostatic Adipose Tissue.. **2022**, 14, 0
- 83 Investigation of biomarkers in the anterior chamber aqueous humor and the vitreous body in patients with neovascular glaucoma and diabetes mellitus. **2022**, 21, 15-21
- 82 Concurrent intracranial infarct and intraventricular hemorrhage with spontaneous nontraumatic extradural hemorrhage in follow-up: An enigma of COVID-19-associated intracranial vasculopathy.. **2022**, 13, 90
- 81 Tailoring PEGylated nanoparticle surface modulates inflammatory response in vascular endothelial cells.. **2022**,
- 80 Fibroblast growth factor-21 alleviates phenotypic characteristics of dry age-related macular degeneration in mice.. **2022**, 218, 109014
- 79 Design, synthesis, anti-inflammatory evaluation and molecular docking of novel thiophen-2-ylmethylene-based derivatives as potential TNF- α production inhibitors.. **2022**, 122, 105726 2
- 78 The Effects of on Atherosclerosis-Related Cells.. **2021**, 12, 766560 7
- 77 Contained abdominal aortic rupture secondary to follicular lymphoma invasion.. **2022**, 8, 271-274
- 76 data_sheet_1.doc. **2018**,
- 75 table_1.PDF. **2018**,
- 74 table_2.PDF. **2018**,
- 73 Data_Sheet_1.docx. **2018**,
- 72 Table_1.DOCX. **2018**,
- 71 Data_Sheet_1.DOCX. **2018**,
- 70 A STUDY OF THE ANTI-INFLAMMATORY EFFECTS OF THE ETHYL ACETATE FRACTION OF THE METHANOL EXTRACT OF FORSYTHIAE FRUCTUS. **2016**, 13, 102-113 5
- 69 Metabolomic Profiling of Plasma Reveals Differential Disease Severity Markers in COVID-19 Patients.. **2022**, 13, 844283 4

68	The mechanism of Jianpi Jiedu decoction in treating psoriasis vulgaris in mice with spleen deficiency. 1	
67	Inflammatory Mediators in Atherosclerotic Vascular Remodeling. 2022 , 9,	1
66	Investigation of nickel sulfate-induced cytotoxicity and underlying toxicological mechanisms in human umbilical vein endothelial cells through oxidative stress, inflammation, apoptosis, and MAPK signaling pathways.. 2022 ,	1
65	Peripheral Blood Inflammation Profile of Patients with Pulmonary Arterial Hypertension Using the High-Throughput Olink Proteomics Platform.. 2022 , 66, 580-581	
64	Cardiovascular Risk in Patients With Takayasu Arteritis Directly Correlates With Diastolic Dysfunction and Inflammatory Cell Infiltration in the Vessel Wall: A Clinical, ex vivo and in vitro Analysis. 2022 , 9,	
63	Targeting PCSK9 Ameliorates Graft Vascular Disease in Mice by Inhibiting NLRP3 Inflammasome Activation in Vascular Smooth Muscle Cells. 13,	1
62	Endothelial Dysfunction in Psoriasis: An Updated Review. 9,	0
61	Recent updates on the pharmacological potential of plant-based rutin. 2022 , 03,	
60	Synthesis, anti-inflammatory properties, molecular modelling and potential COX-2, TNF- α and IL1 β inhibitors of pyrazole-based scaffolds. 2022 , 1266, 133499	1
59	Budesonide/glycopyrronium/formoterol fumarate triple therapy prevents pulmonary hypertension in a COPD mouse model via NFB inactivation. 2022 , 23,	1
58	Genome-wide transcriptome profiling of CSF virus challenged monocyte-derived macrophages provides distinct insights into immune response of landrace and indigenous Ghurrah pigs. 2022 , 110427	
57	Isobavachalcone attenuates TNF- α -induced ICAM-1 and VCAM-1 expression in human umbilical vein endothelial cells by regulating the NF- κ B signaling pathway. 2022 , 65,	
56	The Role of AIF-1 in the Aldosterone-Induced Vascular Calcification Related to Chronic Kidney Disease: Evidence From Mice Model and Cell Co-Culture Model. 13,	0
55	The impact of adipokines on vascular networks in adipose tissue. 2022 ,	0
54	Disturbed microcirculation and hyperaemic response in a murine model of systemic inflammation. 0271678X2201122	
53	Effects of nociceptive and mechanosensitive afferents sensitization on central and peripheral hemodynamics following exercise-induced muscle damage.	0
52	Efficacy of Probiotic Consortium Transplantation on Experimental Necrotizing Enterocolitis. 2022 , 279, 598-610	
51	7-Methoxyisoflavone suppresses vascular endothelial inflammation by inhibiting the expression of endothelial adhesion molecules. 2022 , 933, 175268	0

50	Encapsulated saponin by ferritin nanoparticles attenuates the murine pneumococcal pneumonia. 2022 , 172, 105731	1
49	Microfluidics in vascular biology research: a critical review for engineers, biologists, and clinicians. 2022 , 22, 3618-3636	1
48	Effects of nut consumption on the inhibition of obesity-related endothelial cell dysfunction and prevention of cardiovascular diseases. 2022 , 1-39	0
47	Role of Endothelial Kinin B1 Receptor on the Membrane Potential of Transgenic Rat Aorta. 2022 , 71, 477-487	0
46	Non-pharmacological interventions for vascular health and the role of the endothelium.	0
45	Ferulic acid alleviates retinal neovascularization by modulating microglia/macrophage polarization through the ROS/NF- κ B axis. 13,	2
44	Mevalonate metabolites contribute to granulocyte chemotaxis and mortality in murine endotoxemia.	0
43	Plasma immune mediators as laboratorial biomarkers for Sickle Cell Disease patients according to the hydroxyurea therapy and disease severity. 2022 , 102703	0
42	Predictors of Male Sexual Dysfunction in Urologic Chronic Pelvic Pain Syndrome (UCPPS), Other Chronic Pain Syndromes, and Healthy Controls in the Multidisciplinary Approach to the Study of Chronic Pelvic Pain (MAPP) Research Network. 2022 ,	0
41	Development and validation of chest CT-based imaging biomarkers for early stage COVID-19 screening. 10,	0
40	19F-MRT basierte Visualisierung von entzündlichen Prozessen im Gefäßsystem.	0
39	Involvement of shedding induced by ADAM17 on the nitric oxide pathway in hypertension. 9,	1
38	Selected Plant-Derived Polyphenols as Potential Therapeutic Agents for Peripheral Artery Disease: Molecular Mechanisms, Efficacy and Safety. 2022 , 27, 7110	1
37	Evidence for the involvement of cytokines modulation and prokinetic properties in gastric ulcer healing effects of Helicteres sacarolha A. St.- Hil. A. Juss..	0
36	Markers of Proliferative Diabetic Retinopathy. 2022 , 19, 557-564	0
35	In Vitro Assessment of Poly-N-Vinylpyrrolidone/Acrylic Acid Nanoparticles Biocompatibility in a Microvascular Endothelium Model. 2022 , 23, 12446	0
34	Effect of the human endotoxin challenge on tedizolid tissue penetration.	0
33	βsitosterol inhibits trimethylamine production by regulating the gut microbiota and attenuates atherosclerosis in ApoE ⁰ / mice. 9,	0

- 32 Maternal tumour necrosis factor-alpha levels in preeclamptic pregnancies in Lagos, South-West Nigeria. **2022**, 30, 198-203 o
- 31 CtBP proteins transactivate matrix metalloproteinases and proinflammatory cytokines to mediate the pathogenesis of abdominal aortic aneurysm. **2022**, 421, 113386 o
- 30 The role of short-term air pollution and temperature on arterial stiffness in a longitudinal closed cohort of elderly individuals. **2023**, 216, 114597 o
- 29 Catalpol relieved angiotensin II-induced bloodBrain barrier destruction via inhibiting the TLR4 pathway in brain endothelial cells. **2022**, 60, 2210-2218 o
- 28 Pathological Role of Reactive Oxygen Species on Female Reproduction. **2022**, 201-220 o
- 27 SARS-CoV-2 infection might be a predictor of mortality in intracerebral hemorrhage. **2023**, 444, 120497 o
- 26 BAP31 regulates the expression of ICAM-1/VCAM-1 via MyD88/NF- κ B pathway in acute lung injury mice model. **2023**, 313, 121310 o
- 25 Epigenetic basis of diabetic vasculopathy. 13, o
- 24 Peculiarities of Venous Trophic Ulcers Course in Gerontological Patients according to Local Immunity and Morphological Manifestations. **2022**, 12, 433-438 o
- 23 African Swine Fever Virus Infection and Cytokine Response In Vivo: An Update. **2023**, 15, 233 o
- 22 Protective Role of Short-Chain Fatty Acids against Ang- II-Induced Mitochondrial Dysfunction in Brain Endothelial Cells: A Potential Role of Heme Oxygenase 2. **2023**, 12, 160 o
- 21 Comparison of predictive effect of the dietary inflammatory index and empirically derived food-based dietary inflammatory index on the menopause-specific quality of life and its complications.. o
- 20 Cell-free circulating mitochondrial DNA: An emerging biomarker for airborne particulate matter associated with cardiovascular diseases. **2023**, 195, 103-120 o
- 19 Immunogenetics of Cancer. **2023**, 1-27 o
- 18 Hydroxytyrosol Reduces Foam Cell Formation and Endothelial Inflammation Regulating the PPAR γ /LXR β /ABCA1 Pathway. **2023**, 24, 2057 o
- 17 Imaged-based modeling of vascular organization to evaluate anti-angiogenic therapy. o
- 16 Expression of pro-inflammatory cytokines (IL-6 & IL-18) exacerbate the risk of diabetic nephropathy in the Pakistani population. o
- 15 Orbital and ocular perfusion in thyroid eye disease. **2023**, o

- 14 Circulatory cytokines during the piroplasm stage of natural Theileria annulata infection in cattle. ○
- 13 Novel insight on GRP/GRPR axis in diseases. **2023**, 161, 114497 ○
- 12 Vascular and renal mechanisms of preeclampsia. **2023**, 33, 100655 ○
- 11 Biomaterial mediated immunomodulation: An interplay of material environment interaction for ameliorating wound regeneration. **2023**, 37, 1509-1528 ○
- 10 Contribution of Blood Vessel Activation, Remodeling and Barrier Function to Inflammatory Bowel Diseases. **2023**, 24, 5517 ○
- 9 Image-based modeling of vascular organization to evaluate anti-angiogenic therapy. **2023**, 18, ○
- 8 Reply to Baenol Suppresses Vasculogenesis Through Regulating Vascular Smooth Muscle Phenotypic Switching 152660282311612 ○
- 7 HPLC Analysis of Polyphenols Derived from Hungarian Asz from Tokaj Wine Region and Its Effect on Inflammation in an In Vitro Model System of Endothelial Cells. **2023**, 24, 6124 ○
- 6 Photoacoustic Imaging in Inflammation Research. **2023**, 191-221 ○
- 5 Exploring the components and mechanisms of Shen-qi-wang-mo granule in the treatment of retinal vein occlusion by UPLC-Triple TOF MS/MS and network pharmacology. **2023**, 13, ○
- 4 Dietary Evodiamine Inhibits Atherosclerosis-Associated Changes in Vascular Smooth Muscle Cells. **2023**, 24, 6653 ○
- 3 High molecular weight adiponectin as a biomarker of hypertension in children and adolescents with obesity. ○
- 2 Omics biomarkers and an approach for their practical implementation to delineate health status for personalized nutrition strategies. 1-29 ○
- 1 Interleukins (Cytokines) as Biomarkers in Colorectal Cancer: Progression, Detection, and Monitoring. **2023**, 12, 3127 ○