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The nature and significance of platelet products in human plasma

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#	Paper	IF	Citations
1184	Fat transport by lipoproteins in health and disease. 1967 , 7, 533-6		3
1183	Release reactions of human platelets induced by thrombin and other agents. 1968 , 165, 490-506		68
1182	Histological and immunofluorescent studies on the evolution of the human atheromatous plaque. 1968 , 8, 599-624		224
1181	Platelet factor 3 activity, platelet phospholipids and their fatty acid and aldehyde pattern in normal male subjects. 1968 , 22, 328-38		40
1180	The pathogenesis of atherosclerosis of the mitral and aortic valves. 1970 , 101, 205-20		65
1179	The presence of contractile proteins in platelet microparticles isolated from human and animal platelet-free plasma. <i>British Journal of Haematology</i> , 1971 , 21, 53-69	4.5	84
1178	Some species differences in fibrinolysis and blood coagulation. 1971 , 5, 121-8		61
1177	Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. <i>British Journal of Haematology</i> , 1972 , 23, 541-52	4.5	32
1176	The effect of dilution of plasma on coagulation: the significance of the dilution-activation phenomenon for the study of platelet coagulant activities. <i>British Journal of Haematology</i> , 1972 , 22, 219-238	4.5	19
1175	Thrombin stimulated release of platelet microfibrils. <i>British Journal of Haematology</i> , 1974 , 26, 255-7	4.5	5
1174	Pathogenetic mechanisms in atherosclerosis. 1975 , 35, 542-58		82
1173	The serial thromboplastin dilution test: a presumptive test for hypercoagulability. 1976 , 9, 209-14		1
1172	Studies on liberation of beta-thromboglobulin from human platelets in vitro. <i>British Journal of Haematology</i> , 1976 , 33, 239-47	4.5	192
1171	Platelet function. 1977 , 4, 93-122		19
1170	Procoagulant activity of thrombosthenin preparations. 1977 , 10, 635-44		
1169	Effects of human plasma lipoproteins on platelet aggregation and platelet factor 3 activity in vitro. 1977 , 28, 181-6		14
1168	Coagulant activity of human plasma lipoproteins from normal and hyperlipidaemic subjects. 1978 , 12, 721-33		5

1167	Evidence for the platelet specificity of beta-thromboglobulin and studies on its plasma concentration in healthy individuals. <i>British Journal of Haematology</i> , 1979 , 41, 271-8	4.5	102
1166	A highly sensitive assay of platelet factor 3 using a chromogenic substrate. 1979 , 14, 113-24		26
1165	beta-Thromboglobulin in plasma; false high values caused by platelet enrichment of the top layer of plasma during centrifugation. 1979 , 15, 543-52		39
1164	Overview article: biostructure of blood platelets. 1980 , 1, 533-58		29
1163	Prostacyclin administration during cardiopulmonary bypass in man. 1981 , 1, 800-4		76
1162	Isolation and characterization of lipid-protein particles containing platelet factor 3 released from human platelets. 1982 , 203, 303-11		51
1161	Expression of coagulant activity in human platelets: release of membranous vesicles providing platelet factor 1 and platelet factor 3. 1985 , 39, 63-79		99
1160	Morphological changes associated with pH changes during storage of platelet concentrates in first-generation 3-day container. 1986 , 50, 71-7		61
1159	Coagulation activities of plasma microparticles. 1988 , 50, 145-56		33
1158	Reactive Changes in Smokers and Arterial Disease and COPD. 1989 , 8,		4
1157	Megakaryocyte polyploidy as a grouped geometric distribution obeying the log-normal population law. 1990 , 8, 307-15		
1156	Role of the membrane skeleton in preventing the shedding of procoagulant-rich microvesicles from the platelet plasma membrane. 1990 , 111, 483-93		126
1155	Current controversies concerning the measurement of platelet-associated IgG. 1990 , 4, 121-35		29
1154	Stimulated platelets release amyloid beta-protein precursor. 1990 , 170, 288-95		72
1153	Sialic Acid: its importance to platelet function in health and disease. 1991 , 2, 1-10		27
1152	Platelet procoagulant activity and microvesicle formation. Its putative role in hemostasis and thrombosis. 1992 , 1180, 1-8		117
1151	Platelet microvesicles adhere to subendothelium and promote adhesion of platelets. 1992 , 66, 247-58		47
1150	Intact platelet membranes, not platelet-released microvesicles, support the procoagulant activity of adherent platelets. 1993 , 13, 1613-22		47

1149	Storage lesion of human platelets as revealed by ultrathin sections and freeze-fracture replicas. 1994 , 276, 477-83	8
1148	Membrane glycoproteins in cryopreserved platelets. 1994 , 67, 28-31	9
1147	The role of platelet microparticles in hemostasis. 1994 , 8, 37-44	39
1146	Correlation between inhibition of cytoskeleton proteolysis and anti-vesiculation effect of calpeptin during A23187-induced activation of human platelets: are vesicles shed by filopod fragmentation?. 1994 , 1190, 217-24	54
1145	The assessment of biological age: a report from the Department of Environment Study. 1994 , 6, 181-91	15
1144	Phosphatidylethanolamine induces high affinity binding sites for factor VIII on membranes containing phosphatidyl-L-serine. 1995 , 270, 18500-5	42
1143	Platelet microparticles: a carrier of platelet-activating factor?. 1996 , 218, 940-4	55
1142	Vesiculation induced by amphiphiles and ionophore A23187 in porcine platelets: a transmission electron microscopic study. 1996 , 101, 115-26	9
1141	The storage lesion of platelets: ultrastructural and functional aspects. 1996 , 73, 103-12	58
1140	Endotoxin induced platelet microvesicle formation measured by flow cytometry. 1996 , 7, 153-8	20
1139	Activation of the factor VIIIa-factor IXa enzyme complex of blood coagulation by membranes containing phosphatidyl-L-serine. 1996 , 271, 11120-5	56
1138	State-of-the-Art-Review: Microvesicles in Blood Components: Laboratory and Clinical Aspects. 1997 , 3, 86-95	22
1137	Platelets and Their Factors. 1997 ,	5
1136	The release mechanism of platelet-activating factor during shear-stress induced platelet aggregation. 1997 , 239, 101-5	16
1135	Ultrastructure of Platelet Formation by Human Megakaryocytes Cultured With the Mpl Ligand. 1997 , 89, 2336-2346	178
1134	Novel platelet products and substitutes. 1998 , 12, 175-87	18
1133	Platelet microparticles: a wide-angle perspective. 1999 , 30, 111-42	249
1132	Morphological analysis of microparticle generation in heparin-induced thrombocytopenia. 2000 , 96, 188-194	161

1131	Platelet substitutes and novel platelet products. 2000 , 9, 457-69	13
1130	Characterization and quantitation by flow cytometry of membranous microparticles formed during activation of platelet suspensions with ionophore or thrombin. 2000 , 11, 259-71	35
1129	Assessment of in vitro-generated platelet microparticles using a modified flow cytometric strategy. 2001 , 103, 47-55	21
1128	Procoagulant Microparticles: New Insights and Opportunities in Pregnancy Loss?. 2001 , 85, 3-4	19
1127	Function and clinical significance of platelet-derived microparticles. 2001 , 74, 397-404	112
1126	Novel treatment modalities: new platelet preparations and substitutes. <i>British Journal of Haematology</i> , 2001 , 114, 496-505	4-5 27
1125	Human blood platelet gC1qR/p33. 2001 , 180, 56-64	36
1124	Activated polymorphonuclear leukocytes enhance production of leukocyte microparticles with increased adhesion molecules in patients with sepsis. 2002 , 52, 443-8	38
1123	The laboratory evaluation of platelet dysfunction. 2002 , 22, 405-20	21
1122	Biochemical properties of platelet microparticle membranes formed during exocytosis resemble organelles more than plasma membrane. 2002 , 525, 29-32	5
1121	Thrombophilia: implications for pregnancy outcome. 2003 , 109, 73-81	91
1120	Exposure of platelet membrane phosphatidylserine regulates blood coagulation. 2003 , 42, 423-38	252
1119	Increased production of leukocyte microparticles with enhanced expression of adhesion molecules from activated polymorphonuclear leukocytes in severely injured patients. 2003 , 54, 114-9; discussion 119-20	34
1118	Platelets and Megakaryocytes. 2004 ,	6
1117	Platelet microparticles. 2004 , 272, 269-77	7
1116	Endothelium-derived microparticles impair endothelial function in vitro. 2004 , 286, H1910-5	281
1115	Cellular microparticles: new players in the field of vascular disease?. 2004 , 34, 392-401	300
1114	Clotting time analysis of citrated blood samples is strongly affected by the tube used for blood sampling. 2005 , 16, 447-52	22

1113	Microparticles in type 2 diabetes mellitus. 2005 , 3, 1166-7	10
1112	The phospholipid composition and cholesterol content of platelet-derived microparticles: a comparison with platelet membrane fractions. 2005 , 3, 2754-63	91
1111	Microparticles as regulators of inflammation: novel players of cellular crosstalk in the rheumatic diseases. 2005 , 52, 3337-48	179
1110	Circulating Cell-Derived Microparticles in Thrombotic and Inflammatory Disorders. 2005 , 91-102	1
1109	Phosphatidylinositol 4,5-bisphosphate regulates activation-induced platelet microparticle formation. 2005 , 44, 6361-70	19
1108	The platelet microparticle proteome. 2005 , 4, 1516-21	261
1107	Human malarial disease: a consequence of inflammatory cytokine release. 2006 , 5, 85	189
1106	Circulating microparticles: a potential prognostic marker for atherosclerotic vascular disease. 2006 , 48, 180-6	303
1105	Cancer-associated thrombosis. 2006 , 36, 177-81	48
1104	Formation and fate of platelet microparticles. 2006 , 36, 182-7	112
1103	The how and why of exocytic vesicles. 2006 , 46, 143-52	165
1102	Changes in platelet receptor expression and leukocyte-platelet aggregate formation following exercise in Cardiac Syndrome X. 2006 , 4, 1623-5	7
1101	Rapid clearance of procoagulant platelet-derived microparticles from the circulation of rabbits. 2006 , 4, 1621-3	88
1100	Membrane-derived microvesicles: important and underappreciated mediators of cell-to-cell communication. 2006 , 20, 1487-95	1037
1099	Cell vesiculation and immunopathology: implications in cerebral malaria. 2006 , 8, 2305-16	57
1098	Cell membrane microparticles in blood and blood products: potentially pathogenic agents and diagnostic markers. 2006 , 20, 1-26	265
1097	Origin and biological significance of shed-membrane microparticles. 2006 , 6, 287-94	26
1096	Microparticles as mediators of cellular cross-talk in inflammatory disease. 2006 , 39, 683-90	131

1095	Cell-derived microparticles and exosomes in neuroinflammatory disorders. 2007 , 79, 227-68	47
1094	Platelet-Derived Microparticles. 2007 , 403-413	6
1093	Circulating platelet-derived microparticles are associated with atherothrombotic events: a marker for vulnerable blood. 2007 , 27, 255-6	41
1092	Tortoise and hare win for SCD. 2007 , 110, 2223-2224	78
1091	It's not size, it's substance. 2007 , 110, 2224-2225	1
1090	Microparticles and cancer. 2008 , 36, 177-83	32
1089	Platelet Storage and Transfusion. 2007 , 1265-1295	18
1088	Proteomic discovery of 21 proteins expressed in human plasma-derived but not platelet-derived microparticles. 2007 , 97, 67-80	86
1087	Endothelial Microparticles: Biology, Function, Assay and Clinical Application. 1621-1636	1
1086	Circulating microparticles: pathophysiology and clinical implications. 2007 , 21, 157-71	602
1085	Cancer-associated thrombosis. 2007 , 62, 126-36	126
1084	The role of microparticles in inflammation and thrombosis. 2007 , 66, 159-65	158
1083	Microparticles and exosomes: impact on normal and complicated pregnancy. 2007 , 58, 389-402	50
1082	Platelets an inflammatory force in transplantation. 2007 , 7, 2447-54	67
1081	Role of complement in immune or idiopathic thrombocytopenic purpura. 1998 , 424, 37-40	21
1080	Microparticles and immunomodulation in pregnancy and pre-eclampsia. 2007 , 76, 61-7	107
1079	Venous thromboembolism and cancer. 2007 , 44, 157-216	15
1078	Comparative proteomic analysis of PAI-1 and TNF-alpha-derived endothelial microparticles. 2008 , 8, 2430-46	113

1077	Proteomic profiling of exosomes: current perspectives. 2008 , 8, 4083-99	651
1076	The characterization and impact of microparticles on haemostasis within fresh-frozen plasma. 2008 , 95, 197-204	51
1075	CD39 is incorporated into plasma microparticles where it maintains functional properties and impacts endothelial activation. <i>British Journal of Haematology</i> , 2008 , 142, 627-37	4-5 50
1074	[Circulating endothelial microparticles: a new marker of vascular injury]. 2008 , 57, 149-54	18
1073	Circulating microparticles in normal pregnancy and pre-eclampsia. 2008 , 29 Suppl A, S73-7	176
1072	Platelet microparticle-associated protein disulfide isomerase promotes platelet aggregation and inactivates insulin. 2008 , 1778, 2790-6	48
1071	Les microparticules circulantes : un nouvel acteur dans le sepsis ?. 2008 , 17, 120-125	1
1070	Common inflammatory mediators orchestrate pathophysiological processes in rheumatoid arthritis and atherosclerosis. 2009 , 48, 11-22	137
1069	Tissue factor-bearing microparticles and cancer. 2008 , 34, 195-8	56
1068	The role of cell death in the pathogenesis of autoimmune disease: HMGB1 and microparticles as intercellular mediators of inflammation. 2008 , 18, 319-326	27
1067	Protein composition of plasminogen activator inhibitor type 1-derived endothelial microparticles. 2008 , 29, 504-11	23
1066	Microparticle-associated vascular adhesion molecule-1 and tissue factor follow a circadian rhythm in healthy human subjects. 2008 , 99, 909-15	35
1065	Characterizing blood microparticles: technical aspects and challenges. 2008 , 4, 769-74	96
1064	[Cell-derived microparticles unveil their fibrinolytic and proteolytic function]. 2009 , 25, 37-44	4
1063	Microvesicles: messengers and mediators of tumor progression. 2009 , 8, 2014-8	339
1062	Potential roles of cell-derived microparticles in ischemic brain disease. 2009 , 31, 799-806	31
1061	Microparticles and the hygiene hypothesis. 2009 , 1173, 409-21	1
1060	On the trail of microparticles. 2009 , 104, 925-7	36

1059	Circadian variation within hemostasis: an underrecognized link between biology and disease?. 2009 , 35, 23-33	40
1058	Studies on platelet factor 3 activity. 1968 , 5, 300-12	1
1057	Acid phosphatases and platelet factor 3. 1968 , 5, 390-400	4
1056	Subcellular localization of platelet factor 3 and platelet factor 4. 1973 , 10, 254-60	11
1055	Lysosomal concept of platelet secretion--revisited. 1989 , 50, 3-24	3
1054	Induced release of membrane vesicles from rat adipocytes containing glycosylphosphatidylinositol-anchored microdomain and lipid droplet signalling proteins. 2009 , 21, 324-38	59
1053	Lung cancer secreted microvesicles: underappreciated modulators of microenvironment in expanding tumors. 2009 , 125, 1595-603	169
1052	Endothelial microparticles in diseases. 2009 , 335, 143-51	329
1051	Induced translocation of glycosylphosphatidylinositol-anchored proteins from lipid droplets to adiposomes in rat adipocytes. 2009 , 158, 749-70	25
1050	Cell-derived microparticles: a new challenge in neuroscience. 2009 , 110, 457-68	74
1049	Circulating microparticles, lupus anticoagulant and recurrent miscarriages. 2009 , 145, 22-6	15
1048	Lactadherin and clearance of platelet-derived microvesicles. 2009 , 113, 1332-9	163
1047	Factor XA binding to phosphatidylserine-containing membranes produces an inactive membrane-bound dimer. 2009 , 97, 2232-41	13
1046	Cell-derived microparticles in haemostasis and vascular medicine. 2009 , 101, 439-451	318
1045	Apoptotic Events in Blood Cells. 2009 , 129-149	0
1044	Apoptosis: Involvement of Oxidative Stress and Intracellular Ca ²⁺ Homeostasi. 2009 ,	5
1043	Clinical evaluation of a new functional test for detection of plasma procoagulant phospholipids. 2009 , 20, 494-502	29
1042	Microparticles and thrombotic disease. 2009 , 16, 334-41	44

1041	Proteomic and functional characterisation of platelet microparticle size classes. 2009 , 102, 711-8	150
1040	Transfer of microRNAs by embryonic stem cell microvesicles. 2009 , 4, e4722	345
1039	Analysis and clinical relevance of microparticles from red blood cells. 2010 , 17, 571-7	70
1038	Plasmin on adherent cells: from microvesiculation to apoptosis. 2010 , 432, 365-73	28
1037	Clinical relevance of microparticles from platelets and megakaryocytes. 2010 , 17, 578-84	199
1036	???????????????? ??????????????????????????????. 2010 , 48, 107-113	
1035	Cellular phenotype switching and microvesicles. 2010 , 62, 1141-8	98
1034	Die unterschätzte Rolle von Thrombozyten bei der Herztransplantation. 2010 , 24, 241-250	3
1033	Increased serum concentration of immune cell derived microparticles in polymyositis/dermatomyositis. 2010 , 128, 124-30	28
1032	Sub-proteome approach to the knowledge of liver. 2010 , 4, 407-15	8
1031	Transfer of the glycosylphosphatidylinositol-anchored 5'-nucleotidase CD73 from adiposomes into rat adipocytes stimulates lipid synthesis. 2010 , 160, 878-91	32
1030	MicroRNAs in human embryonic and cancer stem cells. 2010 , 51, 622-32	33
1029	Microparticles: protagonists of a novel communication network for intercellular information exchange. 2010 , 107, 1047-57	637
1028	Inhibition of lipolysis by adiposomes containing glycosylphosphatidylinositol-anchored Gce1 protein in rat adipocytes. 2010 , 116, 28-41	22
1027	Platelet microparticles in immune thrombocytopenic purpura in pediatrics. 2010 , 27, 283-96	25
1026	Low density lipoprotein receptor mediates anti-VEGF effect of lymphocyte T-derived microparticles in Lewis lung carcinoma cells. 2010 , 10, 448-56	33
1025	Oral protein therapy for the future - transport of glycolipid-modified proteins: vision or fiction?. 2010 , 86, 92-116	9
1024	Microparticle size and its relation to composition, functional activity, and clinical significance. 2010 , 36, 876-80	48

1023	Microparticles in cancer. 2010 , 36, 888-906	228
1022	Microparticles in thrombosis and hemostasis. 2010 , 36, 805-6	10
1021	Microparticles: key protagonists in cardiovascular disorders. 2010 , 36, 907-16	111
1020	Platelet- and megakaryocyte-derived microparticles. 2010 , 36, 881-7	57
1019	Endothelial-derived microparticles: Biological conveyors at the crossroad of inflammation, thrombosis and angiogenesis. 2010 , 104, 456-63	128
1018	Platelet-Vessel Wall Interactions in Hemostasis and Thrombosis. 2010 , 2, 1-75	31
1017	Factors influencing the level of circulating procoagulant microparticles in acute pulmonary embolism. 2010 , 103, 394-403	30
1016	Monocyte-platelet aggregates and platelet micro-particles in patients with post-hepatic liver cirrhosis. 2010 , 125, e228-33	33
1015	Autonomic alterations and endothelial dysfunction in pediatric obstructive sleep apnea. 2010 , 11, 714-20	54
1014	Circulating level of microparticles and their correlation with arterial elasticity and endothelium-dependent dilation in patients with type 2 diabetes mellitus. 2010 , 208, 264-9	146
1013	The involvement of circulating microparticles in inflammation, coagulation and cardiovascular diseases. 2010 , 26, 140-5	134
1012	Platelets amplify inflammation in arthritis via collagen-dependent microparticle production. 2010 , 327, 580-3	798
1011	Bench-to-bedside review: circulating microparticles--a new player in sepsis?. 2010 , 14, 236	80
1010	Arterial erectile dysfunction: reliability of new markers of endothelial dysfunction. 2011 , 34, e314-20	8
1009	Pre-analytical and analytical issues in the analysis of blood microparticles. 2011 , 105, 396-408	226
1008	The functions of microparticles in preeclampsia. 2011 , 1, 59-65	6
1007	New immunophenotype of blood endothelial progenitor cells and endothelial microparticles in patients with arterial erectile dysfunction and late-onset hypogonadism. 2011 , 32, 509-17	17
1006	Endothelial, platelet, and tissue factor-bearing microparticles in cancer patients with and without venous thromboembolism. 2011 , 127, 473-7	108

1005	Microparticles: targets and tools in cardiovascular disease. 2011 , 32, 659-65	97
1004	Pre-eclampsia: relationship between coagulation, fibrinolysis and inflammation. 2011 , 412, 17-21	60
1003	Nanoparticles isolated from blood: a reflection of vesiculability of blood cells during the isolation process. 2011 , 6, 2737-48	32
1002	Malignant transformation in melanocytes is associated with increased production of procoagulant microvesicles. 2011 , 106, 712-23	44
1001	Microparticles in health and disease: small mediators, large role?. 2011 , 9, 490-500	10
1000	Relevance of measuring circulating microparticles during organ and stem-cell transplantation. 2011 , 92, 265-6	1
999	Validation of flow cytometric detection of platelet microparticles and liposomes by atomic force microscopy. 2011 , 9, 2466-76	30
998	Circulating cell-derived microparticles in women with pregnancy loss. 2011 , 66, 199-208	24
997	Plasma microparticles are not elevated in fresh plasma from patients with gynaecological malignancy--an observational study. 2011 , 123, 152-6	3
996	Plasma membrane repair and cellular damage control: the annexin survival kit. 2011 , 81, 703-12	161
995	Circulating microparticles: new insights into the biochemical basis of microparticle release and activity. 2011 , 106, 911-23	70
994	The immune functions of phosphatidylserine in membranes of dying cells and microvesicles. 2011 , 33, 497-516	70
993	Microvesicles as mediators of intercellular communication in cancer--the emerging science of cellular 'debris'. 2011 , 33, 455-67	391
992	Membrane vesicles, current state-of-the-art: emerging role of extracellular vesicles. 2011 , 68, 2667-88	1397
991	Extracellular heat shock proteins, cellular export vesicles, and the Stress Observation System: a form of communication during injury, infection, and cell damage. It is never known how far a controversial finding will go! Dedicated to Ferruccio Ritossa. 2011 , 16, 235-49	199
990	Effect of increased extracellular ca on microvesicle production and tumor spheroid formation. 2010 , 4, 93-103	18
989	Microparticles from apoptotic platelets promote resident macrophage differentiation. 2011 , 2, e211	80
988	Microparticles in hemostasis and thrombosis. 2011 , 108, 1284-97	615

987	Aerobic physical activity improves endothelial function in the middle-aged patients with erectile dysfunction. 2011 , 14, 265-72	33
986	Microparticles (ectosomes) shed by stored human platelets downregulate macrophages and modify the development of dendritic cells. 2011 , 186, 6543-52	131
985	Microvesicles and viral infection. 2011 , 85, 12844-54	289
984	Oncogenic extracellular vesicles in brain tumor progression. 2012 , 3, 294	86
983	New and old mechanisms associated with hypertension in the elderly. 2012 , 2012, 150107	15
982	Microvesicles: potential markers and mediators of endothelial dysfunction. 2012 , 19, 121-7	57
981	Characterization of membrane-shed microvesicles from cytokine-stimulated cells using proteomics strategies. 2012 , 11, 230-43	84
980	Platelet-derived microvesicles: multitalented participants in intercellular communication. 2012 , 38, 102-13	122
979	Germs gone wild. 2012 , 18, 654-6	1
978	Role of microparticles in sepsis. 2012 , 109, 503-13	94
977	Red blood cell microparticles: clinical relevance. 2012 , 39, 342-7	55
976	Microvesicles/exosomes as potential novel biomarkers of metabolic diseases. 2012 , 5, 247-82	116
975	Mitochondria to the rescue. 2012 , 18, 653-4	24
974	Microparticles and infectious diseases. 2012 , 42, 335-43	49
973	Science to practice: imaging of cellular microparticles--magic dust or just dirt?. 2012 , 263, 1-2	3
972	Delivery of chemotherapeutic drugs in tumour cell-derived microparticles. 2012 , 3, 1282	281
971	Progenitor/stem cell fate determination: interactive dynamics of cell cycle and microvesicles. 2012 , 21, 1627-38	39
970	Microparticles and acute lung injury. 2012 , 303, L364-81	108

969	Exosome mimetics: a novel class of drug delivery systems. 2012 , 7, 1525-41	258
968	Microparticles: Modulators and biomarkers of liver disease. 2012 , 57, 1144-6	21
967	Proteomic analysis of microvesicles from plasma of healthy donors reveals high individual variability. 2012 , 75, 3574-84	71
966	Platelets: key players in vascular inflammation. 2012 , 92, 1167-75	71
965	Platelets: active players in the pathogenesis of arthritis and SLE. 2012 , 8, 534-42	132
964	Stability of membranous nanostructures: a possible key mechanism in cancer progression. 2012 , 7, 3579-96	29
963	Acute supplementation with eicosapentaenoic acid reduces platelet microparticle activity in healthy subjects. 2012 , 23, 1128-33	21
962	Association between vascular access failure and microparticles in hemodialysis patients. 2012 , 31, 38-47	6
961	Measurement of platelet microparticles. 2012 , 788, 127-39	17
960	Embryonic stem cell-derived microvesicles induce gene expression changes in Müller cells of the retina. 2012 , 7, e50417	63
959	Microparticles and Exosomes: Are They Part of Important Pathways in Sepsis Pathophysiology?. 2012 ,	
958	Clinical significance of circulating microparticles for venous thromboembolism in cancer patients. 2012 , 32, 127-31	28
957	Developmental endothelial locus-1 (Del-1) mediates clearance of platelet microparticles by the endothelium. 2012 , 125, 1664-72	123
956	Extracellular vesicles--vehicles that spread cancer genes. 2012 , 34, 489-97	130
955	Microvesicles in health and disease. 2012 , 60, 107-21	49
954	Classification, functions, and clinical relevance of extracellular vesicles. 2012 , 64, 676-705	1123
953	A fresh perspective on asthma. 2012 , 18, 631	4
952	Determination of the size distribution of blood microparticles directly in plasma using atomic force microscopy and microfluidics. 2012 , 14, 641-9	81

951	Microvesicles as novel biomarkers and therapeutic targets in transplantation medicine. 2012 , 12, 289-97	49
950	Microvesicles and exosomes: opportunities for cell-derived membrane vesicles in drug delivery. 2012 , 161, 635-44	290
949	Microparticle detection in platelet products by three different methods. 2013 , 53, 156-66	26
948	Nature et signification des microparticules dans le sepsis. 2013 , 22, 343-351	
947	Red blood cell-derived microparticles isolated from blood units initiate and propagate thrombin generation. 2013 , 53, 1744-54	102
946	Microparticles and microRNAs: new players in the complex field of coagulation. 2013 , 8, 291-6	25
945	The role of microparticles in the pathogenesis of rheumatoid arthritis and systemic lupus erythematosus. 2013 , 78, 140-8	37
944	Proteomic characterization of human platelet-derived microparticles. 2013 , 776, 57-63	37
943	Intercellular transport of microRNAs. 2013 , 33, 186-92	278
942	Pro-inflammatory effect of cystic fibrosis sputum microparticles in the murine lung. 2013 , 12, 721-8	22
941	Magnetic nanosensor for detection and profiling of erythrocyte-derived microvesicles. 2013 , 7, 11227-33	77
940	Blood dust as active circulating cellular representatives during gestational vascular complications. 2013 , 62, 825-6	
939	Innate immune cell-derived microparticles facilitate hepatocarcinoma metastasis by transferring integrin α IIb β 3 to tumor cells. 2013 , 191, 3453-61	32
938	MicroRNA-containing microvesicles regulating inflammation in association with atherosclerotic disease. 2013 , 100, 7-18	246
937	Cell therapy of peripheral arterial disease: from experimental findings to clinical trials. 2013 , 112, 1288-302	168
936	Gateway to understanding microparticles: standardized isolation and identification of plasma membrane-derived vesicles. 2013 , 8, 1657-68	34
935	Circulating MicroRNAs as Cellular Messengers. 2013 , 589-605	
934	Bench-to bedside review: Platelets and active immune functions - new clues for immunopathology?. 2013 , 17, 236	52

933	Serum extracellular vesicle protein levels are associated with acute coronary syndrome. 2013 , 2, 53-60	56
932	Extracellular vesicles in physiological and pathological conditions. 2013 , 27, 31-9	316
931	Apoptotic-cell-derived membrane vesicles induce an alternative maturation of human dendritic cells which is disturbed in SLE. 2013 , 40, 86-95	22
930	Cell-derived microparticles and vascular pregnancy complications: a systematic and comprehensive review. 2013 , 99, 441-9	32
929	Microvesicle protein levels are associated with increased risk for future vascular events and mortality in patients with clinically manifest vascular disease. 2013 , 168, 2358-63	65
928	Microparticle drug sequestration provides a parallel pathway in the acquisition of cancer drug resistance. 2013 , 721, 116-25	50
927	Microparticles and microscopic structures in three fractions of fresh cerebrospinal fluid in schizophrenia: case report of twins. 2013 , 143, 192-7	16
926	Platelet-Derived Microparticles. 2013 , 453-467	6
925	More than cell dust: microparticles isolated from cerebrospinal fluid of brain injured patients are messengers carrying mRNAs, miRNAs, and proteins. 2013 , 30, 1232-42	60
924	Extracellular vesicles as prospective carriers of oncogenic protein signatures in adult and paediatric brain tumours. 2013 , 13, 1595-607	22
923	Changing world of neutrophils. 2013 , 465, 1521-33	18
922	Phospholipidomics of human blood microparticles. 2013 , 85, 6405-13	34
921	Association of microparticles and preeclampsia. 2013 , 40, 4553-9	21
920	Blood microvesicles: From proteomics to physiology. 2013 , 1, 38-52	44
919	Extracellular vesicles in the circulation: are erythrocyte microvesicles a confounder in the plasma haemoglobin assay?. 2013 , 41, 288-92	12
918	On the origin of microparticles: From "platelet dust" to mediators of intercellular communication. 2013 , 3, 329-40	114
917	Red blood cell vesiculation in hereditary hemolytic anemia. 2013 , 4, 365	68
916	The cis-acting signals that target proteins to exosomes and microvesicles. 2013 , 41, 277-82	63

915	De Gruyter. 2013 , 21,	1
914	Impact of endothelial microparticles on coagulation, inflammation, and angiogenesis in age-related vascular diseases. 2013 , 2013, 734509	72
913	Circulating microparticles in neuropsychiatric systemic lupus erythematosus. 2013 , 16, 72-80	11
912	The exposure of autoantigens by microparticles underlies the formation of potent inflammatory components: the microparticle-associated immune complexes. 2013 , 5, 235-49	176
911	Tumor-derived tissue factor-positive microparticles and venous thrombosis in cancer patients. 2013 , 122, 1873-80	224
910	The role of extracellular vesicles in phenotypic cancer transformation. 2013 , 47, 197-205	64
909	Extracellular membrane vesicles from umbilical cord blood-derived MSC protect against ischemic acute kidney injury, a feature that is lost after inflammatory conditioning. 2013 , 2,	101
908	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. 2013 , 2,	1409
907	As we wait: coping with an imperfect nomenclature for extracellular vesicles. 2013 , 2,	581
906	Fibrinolytic microvesicles. 2013 , 25, 100-110	
905	Cell-derived microparticles: new targets in the therapeutic management of disease. 2013 , 16, 238-53	33
904	Neutrophil derived microvesicles: emerging role of a key mediator to the immune response. 2014 , 14, 210-7	34
903	Role of microparticles in endothelial dysfunction and arterial hypertension. 2014 , 6, 1135-9	37
902	Microvesicles and diabetic complications--novel mediators, potential biomarkers and therapeutic targets. 2014 , 35, 433-43	54
901	Microparticles: a new perspective in central nervous system disorders. 2014 , 2014, 756327	31
900	Hyaluronan-coated extracellular vesicles--a novel link between hyaluronan and cancer. 2014 , 123, 121-48	55
899	Extracellular vesicle profiling and their use as potential disease specific biomarker. 2014 , 5, 413	49
898	Involvement of platelet-derived microparticles in tumor progression and thrombosis. 2014 , 41, 346-58	77

897	Platelet storage media change the expression characteristics of the platelet-derived microparticles. 2014 , 30, 169-74		3
896	Small but mighty: microparticles as mediators of tumor progression. 2014 , 7, 11-21		25
895	Extracellular vesicles from blood plasma: determination of their morphology, size, phenotype and concentration. 2014 , 12, 614-27		423
894	Microvesicles and exosomes for intracardiac communication. 2014 , 102, 302-11		176
893	Determination of exosome concentration in solution using surface plasmon resonance spectroscopy. 2014 , 86, 5929-36		117
892	MicroRNA in Development and in the Progression of Cancer. 2014 ,		6
891	Exosomes: an emerging factor in stress-induced immunomodulation. 2014 , 26, 394-401		75
890	Small-size platelet microparticles trigger platelet and monocyte functionality and modulate thrombogenesis via P-selectin. <i>British Journal of Haematology</i> , 2014 , 166, 571-80	4-5	19
889	Microparticles generated during chronic cerebral ischemia deliver proapoptotic signals to cultured endothelial cells. 2014 , 450, 912-7		20
888	Diet-Derived MicroRNAs: Separating the Dream from Reality. 2014 , 1,		5
887	Circulating levels of cell-derived microparticles are reduced by mild hypobaric hypoxia: data from a randomised controlled trial. 2014 , 114, 1067-73		8
886	Platelet microparticles: detection and assessment of their paradoxical functional roles in disease and regenerative medicine. 2014 , 28, 155-66		132
885	Multifaceted regenerative lives of expired platelets in the second decade of the 21st century. 2014 , 51, 107-12		14
884	Outer membrane vesicles alter inflammation and coagulation mediators. 2014 , 192, 134-42		19
883	Circulating membrane-derived microvesicles in redox biology. 2014 , 73, 214-28		33
882	Extracellular vesicles: specialized bone messengers. 2014 , 561, 38-45		20
881	Digital sensing and sizing of vesicular stomatitis virus pseudotypes in complex media: a model for Ebola and Marburg detection. 2014 , 8, 6047-6055		65
880	New players in haemostasis and thrombosis. 2014 , 111, 570-4		102

879	Exosomal Heat Shock Proteins as New Players in Tumour Cell-to-Cell Communication. 2014 , 3, 4	30
878	New strategy for sepsis: Targeting a key role of platelet-neutrophil interaction. 2014 , 2, 114-20	13
877	Cellular Stress Induced by Plasma-Derived Factor VIII Products. 2014 , 41, 140-4	
876	Clinical Significance of Tissue Factor-Exposing Microparticles in Arterial and Venous Thrombosis. 2015 , 41, 718-27	36
875	Understanding the biosynthesis of platelets-derived extracellular vesicles. 2015 , 3, 133-40	16
874	Role of exosomes and microvesicles in hypoxia-associated tumour development and cardiovascular disease. 2015 , 278, 251-63	40
873	Biological properties of extracellular vesicles and their physiological functions. 2015 , 4, 27066	2611
872	The diversity of platelet microparticles. 2015 , 22, 437-44	80
871	Platelet microparticles in transfusion. 2015 , 10, 305-308	4
870	Microparticles released from Mycobacterium tuberculosis-infected human macrophages contain increased levels of the type I interferon inducible proteins including ISG15. 2015 , 15, 3020-9	27
869	New concepts in hemostasis and thrombosis. 2015 , 27, 313-320	
868	Transmission Electron Microscopy of Platelets FROM Apheresis and Buffy-Coat-Derived Platelet Concentrates. 2015 ,	7
867	Stem Cell Extracellular Vesicles: A Novel Cell-Based Therapy for Cardiovascular Diseases. 2015 , 93-117	2
866	Microvesicles as a potential biomarker of neoplastic diseases and their role in development and progression of neoplasm. 2015 , 14, 283-91	4
865	Engineered/Hypoxia-Preconditioned MSC-Derived Exosome: Its Potential Therapeutic Applications. 2015 , 139-159	
864	Lectin-Based Characterization of Vascular Cell Microparticle Glycocalyx. 2015 , 10, e0135533	10
863	Antibody-Based Assays for Phenotyping of Extracellular Vesicles. 2015 , 2015, 524817	18
862	Microparticles That Form Immune Complexes as Modulatory Structures in Autoimmune Responses. 2015 , 2015, 267590	24

861	A New Paradigm in Cardiac Regeneration: The Mesenchymal Stem Cell Secretome. 2015 , 2015, 765846	90
860	Microparticles: Biomarkers and effectors in the cardiovascular system. 2015 , 2015, 38	
859	Lung-derived exosome uptake into and epigenetic modulation of marrow progenitor/stem and differentiated cells. 2015 , 4, 26166	17
858	Extracellular vesicles such as prostate cancer cell fragments as a fluid biopsy for prostate cancer. 2015 , 18, 213-20	10
857	Nouvelle cuisine: platelets served with inflammation. 2015 , 194, 5579-87	140
856	Extracellular vesicles, tissue factor, cancer and thrombosis - discussion themes of the ISEV 2014 Educational Day. 2015 , 4, 26901	57
855	An overview of the role of microparticles/microvesicles in blood components: Are they clinically beneficial or harmful?. 2015 , 53, 137-45	82
854	Minireview: Emerging Roles for Extracellular Vesicles in Diabetes and Related Metabolic Disorders. 2015 , 29, 1535-48	33
853	Blood cell-derived microvesicles with potential pathogenic roles in therapeutic blood components and specialized diagnostic tools in diseases. 2015 , 53, 108-9	5
852	Platelet microparticle: a sensitive physiological "fine tuning" balancing factor in health and disease. 2015 , 52, 12-8	47
851	Exosome and its roles in cardiovascular diseases. 2015 , 20, 337-48	31
850	Endothelial and platelet microparticles in patients with antiphospholipid antibodies. 2015 , 135, 368-74	27
849	Elevated circulating VE-cadherin+CD144+endothelial microparticles in ischemic cerebrovascular disease. 2015 , 135, 375-81	34
848	Gram-negative and Gram-positive bacterial extracellular vesicles. 2015 , 40, 97-104	193
847	Extracellular vesicles as new pharmacological targets to treat atherosclerosis. 2015 , 763, 90-103	47
846	Microparticle source and tissue factor expression in pregnancy. 2015 , 94, 1285-90	7
845	Transfer of microRNAs by extracellular membrane microvesicles: a nascent crosstalk model in tumor pathogenesis, especially tumor cell-microenvironment interactions. 2015 , 8, 14	28
844	Proteomics characterization of exosome cargo. 2015 , 87, 75-82	109

843	Information transfer by exosomes: A new frontier in hematologic malignancies. 2015 , 29, 281-90	59
842	Anchoring dipalmitoyl phosphoethanolamine to nanoparticles boosts cellular uptake and fluorine-19 magnetic resonance signal. 2015 , 5, 8427	14
841	Quantitative proteomics analysis of platelet-derived microparticles reveals distinct protein signatures when stimulated by different physiological agonists. 2015 , 121, 56-66	60
840	Microvesicles in the brain: Biomarker, messenger or mediator?. 2015 , 288, 70-8	45
839	The role of microparticles in inflammation and transfusion: A concise review. 2015 , 53, 159-67	55
838	Cellular Microparticles in Subarachnoid Hemorrhage. 2015 , 6, 342-4	1
837	The phospholipidomic signatures of human blood microparticles, platelets and platelet-derived microparticles: a comparative HILIC-ESI-MS investigation. 2015 , 50, 71-84	15
836	Microvesicles: ubiquitous contributors to infection and immunity. 2015 , 97, 237-45	45
835	Proteomics of extracellular vesicles: Exosomes and ectosomes. 2015 , 34, 474-90	257
834	Lipidomic and proteomic characterization of platelet extracellular vesicle subfractions from senescent platelets. 2015 , 55, 507-21	78
833	Exosomes in diagnostic and therapeutic applications: biomarker, vaccine and RNA interference delivery vehicle. 2015 , 15, 103-17	88
832	A simple flow cytometry method improves the detection of phosphatidylserine-exposing extracellular vesicles. 2015 , 13, 237-47	62
831	Microparticles: A Pivotal Nexus in Vascular Homeostasis and Disease. 2016 , 11, 28-42	6
830	A Comparison of Different Methodologies for the Measurement of Extracellular Vesicles and Milk-derived Particles in Raw Milk from Cows. 2016 , 11, 147-155	2
829	Extracellular Vesicles and Autophagy in Osteoarthritis. 2016 , 2016, 2428915	16
828	Extracellular Vesicles: A New Frontier in Biomarker Discovery for Non-Alcoholic Fatty Liver Disease. 2016 , 17, 376	44
827	Clinical Application of Human Urinary Extracellular Vesicles in Kidney and Urologic Diseases. 2016 , 17,	18
826	Emerging roles for vascular smooth muscle cell exosomes in calcification and coagulation. 2016 , 594, 2905-14	85

825	Microparticles in sickle cell anaemia: promise and pitfalls. <i>British Journal of Haematology</i> , 2016 , 174, 16-20	40
824	Platelet Functions Beyond Hemostasis. 2016 , 221-237	2
823	The International Society for Extracellular Vesicles launches the first massive open online course on extracellular vesicles. 2016 , 5, 34299	16
822	Extracellular Vesicles in Cancer: Cell-to-Cell Mediators of Metastasis. 2016 , 30, 836-848	931
821	Biochemical and proteomic characterization of retrovirus Gag based microparticles carrying melanoma antigens. 2016 , 6, 29425	12
820	Macrophage Proresolving Mediators-the When and Where. 2016 , 4,	67
819	Extracellular vesicles in blood, milk and body fluids of the female and male urogenital tract and with special regard to reproduction. 2016 , 53, 379-95	51
818	Reversing drug resistance of soft tumor-repopulating cells by tumor cell-derived chemotherapeutic microparticles. 2016 , 26, 713-27	107
817	Immunomodulatory effects of exosomes produced by virus-infected cells. 2016 , 55, 84-91	17
816	Therapeutic and diagnostic applications of extracellular vesicles. 2016 , 244, 167-183	90
815	Recent developments in the nomenclature, presence, isolation, detection and clinical impact of extracellular vesicles. 2016 , 14, 48-56	211
814	Cell-derived microparticles and the lung. 2016 , 25, 266-77	29
813	Extracellular Vesicles Move Toward Use in Clinical Laboratories. 2016 , 36, 587-602	4
812	From trash to treasure: The untapped potential of endothelial microparticles in neurovascular diseases. 2016 , 23, 265-274	14
811	Extracellular vesicles in transfusion-related immunomodulation and the role of blood component manufacturing. 2016 , 55, 281-291	31
810	The biology of extracellular vesicles with focus on platelet microparticles and their role in cancer development and progression. 2016 , 37, 14391-14401	53
809	Microvesículas en cáncer de mama. 2016 , 29, 125-131	
808	Microvesicles in Autoimmune Diseases. 2016 , 77, 125-175	32

807	Matrix-bound nanovesicles within ECM bioscaffolds. 2016 , 2, e1600502	168
806	Significance of Extracellular Vesicles: Pathobiological Roles in Disease. 2016 , 41, 137-143	31
805	Analytical challenges of extracellular vesicle detection: A comparison of different techniques. 2016 , 89, 123-34	134
804	Effects of antiplatelet therapy on platelet extracellular vesicle release and procoagulant activity in health and in cardiovascular disease. 2016 , 27, 805-811	15
803	Extending gene ontology in the context of extracellular RNA and vesicle communication. 2016 , 7, 19	23
802	Microparticle analysis in disorders of hemostasis and thrombosis. 2016 , 89, 111-22	79
801	Microvesicles and exosomes: new players in metabolic and cardiovascular disease. 2016 , 228, R57-71	220
800	Innovative biomarkers for predicting type 2 diabetes mellitus: relevance to dietary management of frailty in older adults. 2016 , 17, 511-27	2
799	Platelet Microvesicles (Microparticles) in Cardiac Surgery. 2016 , 30, 222-8	5
798	Paracrine Signaling by Extracellular Vesicles via Osteoblasts. 2016 , 2, 48-55	17
797	Possible roles of platelet-derived microparticles in atherosclerosis. 2016 , 248, 10-6	52
796	Exosomes for repair, regeneration and rejuvenation. 2016 , 16, 489-506	99
795	Exosomes: Fundamental Biology and Roles in Cardiovascular Physiology. 2016 , 78, 67-83	170
794	Microvesicles and Exosomes in Local and Distant Communication with the Heart. 2016 , 143-162	0
793	Emerging Frontiers in Drug Delivery. 2016 , 138, 704-17	625
792	Stem Cells and Cardiac Regeneration. 2016 ,	0
791	Role of extracellular vesicles in autoimmune diseases. 2016 , 15, 174-83	86
790	Extracellular vesicles: Pharmacological modulators of the peripheral and central signals governing obesity. 2016 , 157, 65-83	20

789	Extracellular Vesicles in Renal Diseases: More than Novel Biomarkers?. 2016 , 27, 12-26	132
788	Elevated Level of Circulating Platelet-derived Microparticles in Oral Cancer. 2016 , 95, 87-93	34
787	Human platelet lysate: Replacing fetal bovine serum as a gold standard for human cell propagation?. 2016 , 76, 371-87	279
786	Endothelial- and Platelet-Derived Microparticles Are Generated During Liver Resection in Humans. 2016 , 29, 20-31	9
785	A nano flow cytometer for single lipid vesicle analysis. 2017 , 17, 830-841	51
784	Platelet microvesicles in health and disease. 2017 , 28, 214-221	122
783	Extracellular vesicles from activated platelets: a semiquantitative cryo-electron microscopy and immuno-gold labeling study. 2017 , 28, 263-271	94
782	Microparticles and their role in coronary artery disease. 2017 , 230, 339-345	11
781	Vesikel in der Natur und im Labor: die Aufklärung der biologischen Eigenschaften und die Synthese zunehmend komplexer synthetischer Vesikel. 2017 , 129, 3188-3208	8
780	Extracellular vesicles in coronary artery disease. 2017 , 14, 259-272	276
779	Isolation and Characterization of Circulating Microparticles by Flow Cytometry. 2017 , 1527, 271-281	8
778	Bio-maleimide-stained plasma microparticles can be purified in a native state and target human proximal tubular HK cells. 2017 , 6, 63-68	
777	Extracellular vesicles and blood diseases. 2017 , 105, 392-405	34
776	Urinary extracellular vesicles. A promising shortcut to novel biomarker discoveries. 2017 , 369, 217-227	29
775	Extracellular Vesicles: Isolation Methods. 2017 , 1, e1700040	22
774	Stem Cell Technologies in Neuroscience. 2017 ,	
773	Platelet microparticles infiltrating solid tumors transfer miRNAs that suppress tumor growth. 2017 , 130, 567-580	124
772	Methodological Guidelines to Study Extracellular Vesicles. 2017 , 120, 1632-1648	490

771	Age-Related Changes in Plasma Extracellular Vesicle Characteristics and Internalization by Leukocytes. 2017 , 7, 1342	129
770	Apolipoprotein A-II alters the proteome of human lipoproteins and enhances cholesterol efflux from ABCA1. 2017 , 58, 1374-1385	32
769	From platelet dust to gold dust: physiological importance and detection of platelet microvesicles. 2017 , 28, 211-213	16
768	Design and Applications of Nanoparticles in Biomedical Imaging. 2017 ,	9
767	Imaging and Therapeutic Potential of Extracellular Vesicles. 2017 , 43-68	6
766	Endothelial Cell-derived Extracellular Vesicles Size-dependently Exert Procoagulant Activity Detected by Thromboelastometry. 2017 , 7, 3707	22
765	Extracellular vesicles in the tumor microenvironment: Therapeutic resistance, clinical biomarkers, and targeting strategies. 2017 , 37, 1318-1349	30
764	Metalloproteinases in extracellular vesicles. 2017 , 1864, 1989-2000	72
763	Proceedings of the ISEV symposium on "HIV, NeuroAIDS, drug abuse & EVs". 2017 , 6, 1294360	2
762	Extracellular vesicles in liver diseases. 2017 , 312, G194-G200	34
761	Platelet-Derived Microparticles. 2017 , 379-392	4
760	Detection of platelet vesicles by flow cytometry. 2017 , 28, 256-262	47
759	Platelet microparticle-inspired clot-responsive nanomedicine for targeted fibrinolysis. 2017 , 128, 94-108	85
758	Deciphering the role of ectosomes in cancer development and progression: focus on the proteome. 2017 , 34, 273-289	29
757	Extracellular vesicle mimetics: Novel alternatives to extracellular vesicle-based theranostics, drug delivery, and vaccines. 2017 , 67, 74-82	42
756	Emerging role of extracellular vesicles in communication of preimplantation embryos in vitro. 2016 , 29, 66-83	17
755	Comparison of established and novel methods for the detection and enumeration of microparticles in canine stored erythrocyte concentrates for transfusion. 2017 , 46, 54-63	6
754	Magnetic and Folate Functionalization Enables Rapid Isolation and Enhanced Tumor-Targeting of Cell-Derived Microvesicles. 2017 , 11, 277-290	98

753	Circulating Erythrocyte Microparticles and the Biochemical Extent of Myocardial Injury in ST Elevation Myocardial Infarction. 2017 , 136, 15-20		7
752	Single particle analysis: Methods for detection of platelet extracellular vesicles in suspension (excluding flow cytometry). 2017 , 28, 249-255		25
751	Platelet extracellular vesicles as biomarkers for arterial thrombosis. 2017 , 28, 228-234		30
750	Imaging and Quantification of Extracellular Vesicles by Transmission Electron Microscopy. 2017 , 1545, 43-54		36
749	Isolation and characterization of urinary extracellular vesicles: implications for biomarker discovery. 2017 , 13, 731-749		208
748	Extracellular vesicles as emerging targets in cancer: Recent development from bench to bedside. 2017 , 1868, 538-563		76
747	Immune status of patients with haemophilia A before exposure to factor VIII: first results from the HEMFIL study. <i>British Journal of Haematology</i> , 2017 , 178, 971-978	4-5	13
746	Coagulation and fibrinolysis in gastric cancer. 2017 , 1404, 27-48		51
745	Bone Marrow Dendritic Cells Derived Microvesicles for Combinational Immunochemotherapy against Tumor. 2017 , 27, 1703191		31
744	Membrane Ballooning in Aggregated Platelets is Synchronised and Mediates a Surge in Microvesiculation. 2017 , 7, 2770		27
743	Mesenchymal stem/stromal cell extracellular vesicles: From active principle to next generation drug delivery system. 2017 , 262, 104-117		87
742	Recent advances on extracellular vesicles in therapeutic delivery: Challenges, solutions, and opportunities. 2017 , 119, 381-395		26
741	Flow Virometry to Analyze Antigenic Spectra of Virions and Extracellular Vesicles. 2017 ,		3
740	Immunoaffinity based methods are superior to kits for purification of prostate derived extracellular vesicles from plasma samples. 2017 , 77, 1335-1343		45
739	The Impact of Vascular Disease Treatment on Platelet-Derived Microvesicles. 2017 , 31, 627-644		21
738	Ultrafiltration combined with size exclusion chromatography efficiently isolates extracellular vesicles from cell culture media for compositional and functional studies. 2017 , 7, 15297		115
737	Platelets, circulating tumor cells, and the circulome. 2017 , 36, 235-248		43
736	Secretome profiling of apheresis platelet supernatants during routine storage via antibody-based microarray. 2017 , 150, 74-85		6

735	Development of a NanoBioAnalytical platform for "on-chip" qualification and quantification of platelet-derived microparticles. 2017 , 93, 250-259	21
734	Flow analysis of individual blood extracellular vesicles in acute coronary syndrome. 2017 , 28, 165-173	11
733	Vesicles in Nature and the Laboratory: Elucidation of Their Biological Properties and Synthesis of Increasingly Complex Synthetic Vesicles. 2017 , 56, 3142-3160	55
732	Microvesicles in vascular homeostasis and diseases. Position Paper of the European Society of Cardiology (ESC) Working Group on Atherosclerosis and Vascular Biology. 2017 , 117, 1296-1316	143
731	[Membranous microparticles and respiratory disease]. 2017 , 34, 1058-1071	4
730	Platelets, Haemostasis and Inflammation. 2017 ,	2
729	Macrophage Proresolving Mediators: The When and Where. 2017 , 367-383	3
728	Platelets. 2017 , 264-273.e3	2
727	Platelet-derived Extracellular Vesicles: An Emerging Therapeutic Approach. 2017 , 13, 828-834	84
726	Extracellular Vesicles in Cardiovascular Theranostics. 2017 , 7, 4168-4182	87
725	The Emerging Roles of Microparticles in Diabetic Nephropathy. 2017 , 13, 1118-1125	16
724	Microvesicles in Atherosclerosis and Angiogenesis: From Bench to Bedside and Reverse. 2017 , 4, 77	48
723	Milk's Role as an Epigenetic Regulator in Health and Disease. 2017 , 5,	57
722	Platelet-Derived Microvesicles in Cardiovascular Diseases. 2017 , 4, 74	77
721	Pro-Resolving Mediators in Regulating and Conferring Macrophage Function. 2017 , 8, 1400	70
720	Differential expression of CD42b and CD9 proteins in platelets and extracellular membrane vesicles during platelet-concentrate storage. 2017 , 11, 440-446	1
719	Microvesicles Released from Human Red Blood Cells: Properties and Potential Applications. 2017 ,	2
718	Exosomes: recruits for tumour surveillance?. 2017 , 9, 4295-4299	0

717	Microvesicles as Emerging Biomarkers and Therapeutic Targets in Cardiometabolic Diseases. 2018 , 16, 50-62	74
716	Short Communication: Apoptotic Membrane Microparticles Quantified by Fluorescent Bead-Based Assay Are Elevated in HIV and SIV Infections. 2018 , 34, 446-448	
715	Cholesterol and the journey of extracellular vesicles. 2018 , 59, 2255-2261	59
714	Extracellular vesicles and their content in bioactive lipid mediators: more than a sack of microRNA. 2018 , 59, 2037-2046	80
713	Molecular interactions at the surface of extracellular vesicles. 2018 , 40, 453-464	145
712	Extracellular vesicles: a promising tool for assessment of embryonic competence. 2018 , 30, 171-178	11
711	Extracellular vesicles as mediators of immunopathology in infectious diseases. 2018 , 96, 694	12
710	Microparticles in sickle cell disease. 2018 , 68, 319-329	13
709	The Platelet Lifeline to Cancer: Challenges and Opportunities. 2018 , 33, 965-983	202
708	Role of exosomes and exosomal microRNAs in hepatocellular carcinoma: Potential in diagnosis and antitumour treatments (Review). 2018 , 41, 1809-1816	35
707	Extracellular vesicles in the hematopoietic microenvironment. 2018 , 103, 382-394	46
706	Shedding light on the cell biology of extracellular vesicles. 2018 , 19, 213-228	2729
705	Dissecting the biochemical architecture and morphological release pathways of the human platelet extracellular vesiculome. 2018 , 75, 3781-3801	28
704	Endothelial cell-derived microvesicles: potential mediators and biomarkers of pathologic processes. 2018 , 12, 161-175	21
703	Microvesicles: Intercellular messengers in cutaneous wound healing. 2018 , 233, 5550-5563	23
702	Microparticles in Hematological Malignancies: Role in Coagulopathy and Tumor Pathogenesis. 2018 , 355, 207-214	5
701	Monitoring the dynamics of cell-derived extracellular vesicles at the nanoscale by liquid-cell transmission electron microscopy. 2018 , 10, 1234-1244	21
700	Exosomes: Definition, Role in Tumor Development and Clinical Implications. 2018 , 11, 13-21	18

699	Extracellular vesicles characteristics and emerging roles in atherosclerotic cardiovascular disease. 2018 , 85, 213-222	57
698	Extracellular vesicles released in response to respiratory exposures: implications for chronic disease. 2018 , 21, 142-160	27
697	Redox-dependent thiol modifications: implications for the release of extracellular vesicles. 2018 , 75, 2321-2337	43
696	Antibody Therapy. 2018 ,	
695	Lactadherin: An unappreciated haemostasis regulator and potential therapeutic agent. 2018 , 101, 21-28	22
694	Current knowledge on exosome biogenesis and release. 2018 , 75, 193-208	1034
693	Platelet-Derived Microvesicles: A Potential Therapy for Trauma-Induced Coagulopathy. 2018 , 49, 243-248	13
692	Role of extracellular vesicles in rheumatoid arthritis. 2018 , 93, 125-132	36
691	Extracellular Vesicle Biology in Alzheimer's Disease and Related Tauopathy. 2018 , 13, 292-308	45
690	Generation and Characterization of Cell-Derived Microvesicles from HUVECs. 2018 , 8, 140-153	1
689	Why the need and how to approach the functional diversity of extracellular vesicles. 2018 , 373,	182
688	Role for extracellular vesicles in the tumour microenvironment. 2018 , 373,	35
687	Extracellular vesicles, exosomes and shedding vesicles in regenerative medicine - a new paradigm for tissue repair. 2017 , 6, 60-78	142
686	Immune Response to Extracellular Vesicles From Human Islets of Langerhans in Patients With Type 1 Diabetes. 2018 , 159, 3834-3847	23
685	Extracellular vesicles as circulating cancer biomarkers: opportunities and challenges. 2018 , 7, 14	117
684	The role of extracellular vesicles in biomineralisation: current perspective and application in regenerative medicine. 2018 , 9, 2041731418810130	26
683	Large Extracellular Vesicles: Have We Found the Holy Grail of Inflammation?. 2018 , 9, 2723	71
682	Megakaryocyte Contribution to Bone Marrow Fibrosis: many Arrows in the Quiver. 2018 , 10, e2018068	23

681	Extracellular Vesicles and the Promise of Continuous Liquid Biopsies. 2018 , 52, 1-8	57
680	Nanotherapies for micropreemies: Stem cells and the secretome in bronchopulmonary dysplasia. 2018 , 42, 453-458	21
679	Circular RNA in Exosomes. 2018 , 1087, 109-117	101
678	Microvesicles as promising biological tools for diagnosis and therapy. 2018 , 15, 801-808	19
677	Endothelial Extracellular Vesicles in Pulmonary Function and Disease. 2018 , 82, 197-256	23
676	Sample management for clinical biochemistry assays: Are serum and plasma interchangeable specimens?. 2018 , 55, 480-500	24
675	Analytical validation of platelet microparticle quantification in cats. 2018 , 47, 386-395	1
674	Platelet communication with the vascular wall: role of platelet-derived microparticles and non-coding RNAs. 2018 , 132, 1875-1888	7
673	Exosome Research and Co-culture Study. 2018 , 41, 1311-1321	15
672	Human cytomegalovirus-infected cells release extracellular vesicles that carry viral surface proteins. 2018 , 524, 97-105	15
671	Analysis of the thrombotic and fibrinolytic activities of tumor cell-derived extracellular vesicles. 2018 , 2, 1054-1065	7
670	Immune Functions of Platelets. 2018 , 241-259	
669	Microparticle Release from Cell Lines and Its Anti-Influenza Activity. 2018 , 31, 447-456	5
668	Vascular extracellular vesicles in comorbidities of heart failure with preserved ejection fraction in men and women: The hidden players. A mini review. 2018 , 111, 1-6	5
667	Endogenous Radionanomedicine: Extracellular Vesicles. 2018 , 127-140	1
666	Exosomes: A Paradigm in Drug Development against Cancer and Infectious Diseases. 2018 , 2018, 1-17	7
665	Therapeutic Effect of Extracellular Vesicles Derived From Adult/Perinatal Human Mesenchymal Stem Cells. 2018 , 201-215	1
664	Regulation and mechanisms of extracellular vesicle biogenesis and secretion. 2018 , 62, 125-133	58

663	Platelet-derived microparticles promote endothelial cell proliferation in hypertension via miR-142-3p. 2018 , 32, 3912-3923	42
662	Extracellular vesicles: mediators and biomarkers of pathology along CNS barriers. 2018 , 15, 19	84
661	Extracellular Vesicles: Packages Sent With Complement. 2018 , 9, 721	60
660	Extracellular Vesicle Heterogeneity: Subpopulations, Isolation Techniques, and Diverse Functions in Cancer Progression. 2018 , 9, 738	343
659	Tumor-Derived Apoptotic Vesicles: With Death They Do Part. 2018 , 9, 957	13
658	Recent Progress in Isolation and Detection of Extracellular Vesicles for Cancer Diagnostics. 2018 , 7, e1800484	75
657	Exosomes in cancer development and clinical applications. 2018 , 109, 2364-2374	141
656	In Search of Darwin's Imaginary Gemmules. 2018 , 101, 87-114	4
655	Extracellular Vesicles: A Novel Target for Exercise-Mediated Reductions in Type 2 Diabetes and Cardiovascular Disease Risk. 2018 , 2018, 7807245	21
654	Initiation and Propagation of Vascular Calcification Is Regulated by a Concert of Platelet- and Smooth Muscle Cell-Derived Extracellular Vesicles. 2018 , 5, 36	43
653	Exosome-Based Cell-Cell Communication in the Tumor Microenvironment. 2018 , 6, 18	332
652	Analytical Considerations in Nanoscale Flow Cytometry of Extracellular Vesicles to Achieve Data Linearity. 2018 , 118, 1612-1624	26
651	The role of neutrophils in thrombosis. 2018 , 170, 87-96	64
650	Vesicles bearing gifts: the functional importance of micro-RNA transfer in extracellular vesicles in chronic kidney disease. 2018 , 315, F1430-F1443	10
649	Circulating ectosomes: Determination of angiogenic microRNAs in type 2 diabetes. 2018 , 8, 3874-3890	45
648	Snake Venom Extracellular vesicles (SVEVs) reveal wide molecular and functional proteome diversity. 2018 , 8, 12067	14
647	Exercise-Derived Microvesicles: A Review of the Literature. 2018 , 48, 2025-2039	18
646	Tumor-derived exosomes, microRNAs, and cancer immune suppression. 2018 , 40, 505-515	49

645	Introduction to Exosomes and Cancer. 2018 , 1-10	
644	The role of exosomes in allograft immunity. 2018 , 331, 85-92	12
643	Extracellular Vesicles in Oncology: Progress and Pitfalls in the Methods of Isolation and Analysis. 2019 , 14, e1700716	47
642	The Exosome-Derived Biomarker in Atherosclerosis and Its Clinical Application. 2019 , 12, 68-74	50
641	Extracellular vesicles and microvascular pathology: Decoding the active dialogue. 2019 , 26, e12485	10
640	Extracellular Vesicles: Nature's Own Nanoparticles. 2019 , 27-48	4
639	Extracellular vesicles in hematological malignancies. 2019 , 60, 29-36	14
638	Extracellular Vesicles: Opportunities and Challenges for the Treatment of Renal Fibrosis. 2019 , 1165, 693-709	4
637	Extracellular vesicles or exosomes? On primacy, precision, and popularity influencing a choice of nomenclature. 2019 , 8, 1648167	228
636	Extracellular Vesicles as a Potential Therapy for Neonatal Conditions: State of the Art and Challenges in Clinical Translation. 2019 , 11,	19
635	An Update on Novel Therapeutic Warfronts of Extracellular Vesicles (EVs) in Cancer Treatment: Where We Are Standing Right Now and Where to Go in the Future. 2019 , 2019, 9702562	13
634	Biological Function of Exosomes as Diagnostic Markers and Therapeutic Delivery Vehicles in Carcinogenesis and Infectious Diseases. 2019 ,	13
633	Cryo-EM Studies of TMEM16F Calcium-Activated Ion Channel Suggest Features Important for Lipid Scrambling. 2019 , 28, 567-579.e4	35
632	Extracellular Vesicles in Cardiovascular Diseases: Alternative Biomarker Sources, Therapeutic Agents, and Drug Delivery Carriers. 2019 , 20,	53
631	Extracellular Vesicles and Their Potential Use in Monitoring Cancer Progression and Therapy: The Contribution of Proteomics. 2019 , 2019, 1639854	49
630	Increasing the sensitivity of the human microvesicle tissue factor activity assay. 2019 , 182, 64-74	9
629	Exosomes and their role in tumorigenesis and anticancer drug resistance. 2019 , 45, 1-12	80
628	Exosome release and cargo in Down syndrome. 2019 , 79, 639-655	10

627	Cell derived extracellular vesicles: from isolation to functionalization and biomedical applications. 2019 , 7, 3552-3565	10
626	Ischemia Reperfusion Injury: Mechanisms of Damage/Protection and Novel Strategies for Cardiac Recovery/Regeneration. 2019 , 20,	33
625	Tumour-Derived Extracellular Vesicles (EVs): A Dangerous "Message in A Bottle" for Bone. 2019 , 20,	16
624	Exosomes: Biogenesis, Composition, Functions, and Their Role in Pre-metastatic Niche Formation. 2019 , 24, 689-701	27
623	Microvesicles as new therapeutic targets for the treatment of the acute respiratory distress syndrome (ARDS). 2019 , 23, 931-941	2
622	Considerations and Implications in the Purification of Extracellular Vesicles - A Cautionary Tale. 2019 , 13, 1067	21
621	Biodistribution of Mesenchymal Stem Cell-Derived Extracellular Vesicles in a Radiation Injury Bone Marrow Murine Model. 2019 , 20,	25
620	The role of microvesicles containing microRNAs in vascular endothelial dysfunction. 2019 , 23, 7933-7945	18
619	Assessment of Time-Dependent Platelet Activation Using Extracellular Vesicles, CD62P Exposure, and Soluble Glycoprotein V Content of Platelet Concentrates with Two Different Platelet Additive Solutions. 2019 , 46, 267-275	3
618	Coagulation Activity of Membrane Microparticles. 2019 , 13, 169-186	0
617	An Update on Isolation Methods for Proteomic Studies of Extracellular Vesicles in Biofluids. 2019 , 24,	35
616	Altered profile of circulating microparticles in nonvalvular atrial fibrillation. 2019 , 42, 425-431	14
615	Effects of Microvesicles on Cell Apoptosis under Hypoxia. 2019 , 2019, 5972152	14
614	Exosomes. 2019 , 88, 487-514	697
613	Biology and Role of Extracellular Vesicles (EVs) in the Pathogenesis of Thrombosis. 2019 , 20,	72
612	Microfluidic Technology for Clinical Applications of Exosomes. 2019 , 10,	34
611	Emerging roles of extracellular vesicles in neurodegenerative disorders. 2019 , 130, 104512	52
610	Extracellular vesicles in type 2 diabetes mellitus: key roles in pathogenesis, complications, and therapy. 2019 , 8, 1625677	46

609	Tumor-derived extracellular vesicles in breast cancer: From bench to bedside. 2019 , 460, 54-64	34
608	Crucial Role of Extracellular Vesicles in Bronchial Asthma. 2019 , 20,	20
607	Emerging role of extracellular vesicles in the regulation of skeletal muscle adaptation. 2019 , 127, 645-653	8
606	Circulating microparticles in cardiovascular disease: going on stage!. 2019 , 24, 423-428	4
605	Advances in therapeutic applications of extracellular vesicles. 2019 , 11,	343
604	The Immunomodulatory Properties of Extracellular Vesicles Derived from Probiotics: A Novel Approach for the Management of Gastrointestinal Diseases. 2019 , 11,	43
603	Exosomes: An emerging factor in atherosclerosis. 2019 , 115, 108951	42
602	Basics and applications of tumor-derived extracellular vesicles. 2019 , 26, 35	27
601	Indoxyl Sulfate-Induced Extracellular Vesicles Released from Endothelial Cells Stimulate Vascular Smooth Muscle Cell Proliferation by Inducing Transforming Growth Factor-Beta Production. 2019 , 56, 129-138	14
600	Endothelial Microparticles in Uremia: Biomarkers and Potential Therapeutic Targets. 2019 , 11,	16
599	Exosomes as Therapeutic Vehicles for Cancer. 2019 , 16, 213-223	35
598	Extracellular Vesicles: How to Shuttle the Metastatic Programme. 2019 , 5, 97-105	
597	Extracellular Vesicles: Opportunities and Challenges for the Treatment of Renal Diseases. 2019 , 10, 226	35
596	Extracellular Vesicles: Delivery Vehicles of Myokines. 2019 , 10, 522	46
595	Ultrasensitive detection of cancer biomarkers by nickel-based isolation of polydisperse extracellular vesicles from blood. 2019 , 43, 114-126	24
594	Review of the Isolation, Characterization, Biological Function, and Multifarious Therapeutic Approaches of Exosomes. 2019 , 8,	386
593	MDA-9/Syntenin: An emerging global molecular target regulating cancer invasion and metastasis. 2019 , 144, 137-191	10
592	Platelet microparticles: An effective delivery system for anti-viral drugs. 2019 , 51, 290-296	9

591	Circulating microparticles as biomarkers of stroke: A focus on the value of endothelial- and platelet-derived microparticles. 2019 , 234, 16739-16754	21
590	Platelet-Derived Extracellular Vesicles. 2019 , 401-416	13
589	Extracellular vesicles in pulmonary hypertension: lessons from mesenchymal stromal cell-derived exosomes. 2019 , 316, L720-L722	1
588	: A Model for Studying the Extracellular Vesicle Messengers Involved in Human Health and Disease. 2019 , 8,	10
587	Extracellular Vesicles as Diagnostics and Therapeutics for Structural Epilepsies. 2019 , 20,	12
586	The Role of Platelets in Diabetes Mellitus. 2019 , 469-503	6
585	The role of extracellular vesicles from different origin in the microenvironment of head and neck cancers. 2019 , 18, 83	43
584	Extracellular vesicles in autoimmune vasculitis - Little dirt light the fire in blood vessels. 2019 , 18, 593-606	20
583	Roles of Extracellular Vesicles in High-Grade Gliomas: Tiny Particles with Outsized Influence. 2019 , 20, 331-357	7
582	Novel findings in neutrophil biology and their impact on cardiovascular disease. 2019 , 115, 1266-1285	67
581	Exosome-orchestrated hypoxic tumor microenvironment. 2019 , 18, 57	89
580	Molecular Mechanisms Underpinning Microparticle-Mediated Cellular Injury in Cardiovascular Complications Associated with Diabetes. 2019 , 2019, 6475187	12
579	Exosomes: composition, biogenesis, and mechanisms in cancer metastasis and drug resistance. 2019 , 18, 75	385
578	Differential miRNA Loading Underpins Dual Harmful and Protective Roles for Extracellular Vesicles in Atherogenesis. 2019 , 124, 467-469	10
577	Stem Cell-Derived Extracellular Vesicles for Treating Joint Injury and Osteoarthritis. 2019 , 9,	36
576	Recent advances in extracellular vesicle research for urological cancers: From technology to application. 2019 , 1871, 342-360	9
575	An #and phosphatidylserine (PS)-binding recombinant fusion protein promotes PS-dependent anticoagulation and integrin-dependent antithrombosis. 2019 , 294, 6670-6684	6
574	Ticket to a bubble ride: Cargo sorting into exosomes and extracellular vesicles. 2019 , 1867, 140203	93

573	Extracellular Vesicles: Living Prototypal Communication System. 2019,	
572	Mesenchymal stem cell-derived exosomes: a new therapeutic approach to osteoarthritis?. 2019, 10, 340	113
571	Platelet-Derived Extracellular Vesicles as Target of Antiplatelet Agents. What Is the Evidence?. 2019, 10, 1256	17
570	The Biology and Therapeutic Applications of Red Blood Cell Extracellular Vesicles. 2019,	6
569	From Tumor Metastasis towards Cerebral Ischemia-Extracellular Vesicles as a General Concept of Intercellular Communication Processes. 2019, 20,	4
568	Current State of Precision Medicine in Primary Systemic Vasculitides. 2019, 10, 2813	7
567	Ability of Platelet-Derived Extracellular Vesicles to Promote Neutrophil-Endothelial Cell Interactions. 2019, 42, 290-305	39
566	Circulating blood cells and extracellular vesicles in acute cardioprotection. 2019, 115, 1156-1166	67
565	Extracellular vesicles for personalized medicine: The input of physically triggered production, loading and theranostic properties. 2019, 138, 247-258	54
564	Exosomes: The next generation of endogenous nanomaterials for advanced drug delivery and therapy. 2019, 86, 1-14	148
563	Specificities of secretion and uptake of exosomes and other extracellular vesicles for cell-to-cell communication. 2019, 21, 9-17	1334
562	Exosomes in inflammation and role as biomarkers. 2019, 488, 165-171	92
561	Application of Extracellular Vesicles Proteomics to Cardiovascular Disease: Guidelines, Data Analysis, and Future Perspectives. 2019, 19, e1800247	24
560	Extracellular membrane vesicles in the three domains of life and beyond. 2019, 43, 273-303	140
559	Platelet Reactivity And Circulating Platelet-Derived Microvesicles Are Differently Affected By P2Y Receptor Antagonists. 2019, 16, 264-275	12
558	Extracellular Vesicles in Liver Diseases: Diagnostic, Prognostic, and Therapeutic Application. 2019, 39, 70-77	21
557	Caspase 3/ROCK1 pathway mediates high glucose-induced platelet microparticles shedding. 2019, 509, 596-602	8
556	Extracellular Vesicles in Liver Diseases: Meeting Report from the International Liver Congress 2018. 2019, 3, 305-315	10

555	Chemically induced vesiculation as a platform for studying TMEM16F activity. 2019 , 116, 1309-1318	14
554	Toward characterizing extracellular vesicles at a single-particle level. 2019 , 26, 9	61
553	Chromatographic Approaches for Purification and Analytical Characterization of Extracellular Vesicles: Recent Advancements. 2019 , 82, 415-424	6
552	Interaction between mesenchymal stromal cell-derived extracellular vesicles and immune cells by distinct protein content. 2019 , 234, 8249-8258	71
551	Proteomic Analysis of Extracellular Vesicles for Cancer Diagnostics. 2019 , 19, e1800162	23
550	Proteins Regulating Microvesicle Biogenesis and Multidrug Resistance in Cancer. 2019 , 19, e1800165	29
549	Extracellular vesicles are integral and functional components of the extracellular matrix. 2019 , 75-76, 201-219	84
548	Extracellular Vesicles: Mechanisms in Human Health and Disease. 2019 , 30, 813-856	61
547	Cell-to-cell Communication by Extracellular Vesicles: Focus on Microglia. 2019 , 405, 148-157	170
546	Extracellular Vesicles: Intercellular Mediators in Alcohol-Induced Pathologies. 2020 , 15, 409-421	18
545	Bacterial extracellular vesicles: A new way to decipher host-microbiota communications in inflammatory dermatoses. 2020 , 29, 22-28	16
544	Essential Current Concepts in Stem Cell Biology. 2020 ,	0
543	Engineered Cell-Derived Microparticles BiSe/DOX@MPs for Imaging Guided Synergistic Photothermal/Low-Dose Chemotherapy of Cancer. 2020 , 7, 1901293	39
542	Analyzing bacterial extracellular vesicles in human body fluids by orthogonal biophysical separation and biochemical characterization. 2020 , 15, 40-67	49
541	The changing face of pulmonary hypertension diagnosis: a historical perspective on the influence of diagnostics and biomarkers. 2020 , 10, 2045894019892801	11
540	Host- and Microbiota-Derived Extracellular Vesicles, Immune Function, and Disease Development. 2019 , 21,	69
539	Polyphenols: Modulators of Platelet Function and Platelet Microparticle Generation?. 2019 , 21,	23
538	Potential oncogenic roles of mutant-p53-derived exosomes in the tumor-host interaction of head and neck cancers. 2020 , 69, 285-292	5

537	New Sensors for Extracellular Vesicles: Insights on Constituent and Associated Biomarkers. 2020 , 5, 4-12	18
536	Extracellular vesicles: a novel window into kidney function and disease. 2020 , 29, 613-619	4
535	The Protective Effect of Exercise in Neurodegenerative Diseases: The Potential Role of Extracellular Vesicles. 2020 , 9,	12
534	Extracellular vesicles and lupus nephritis - New insights into pathophysiology and clinical implications. 2020 , 115, 102540	17
533	The Immune Nature of Platelets Revisited. 2020 , 34, 209-220	26
532	Extracellular vesicles released in blood of COVID-19 patients: mechanism for detection of cardiac troponin after myocardial injury?. 2020 , 25, 613-615	4
531	EVs as Potential New Therapeutic Tool/Target in Gastrointestinal Cancer and HCC. 2020 , 12,	11
530	Proteomics of Extracellular Vesicles: Update on Their Composition, Biological Roles and Potential Use as Diagnostic Tools in Atherosclerotic Cardiovascular Diseases. 2020 , 10,	7
529	Platelet Extracellular Vesicles: Beyond the Blood. 2021 , 41, 87-96	37
528	Extracellular vesicles: new players in regulating vascular barrier function. 2020 , 319, H1181-H1196	16
527	Extracellular vesicles: Mediators of embryo-maternal crosstalk during pregnancy and a new weapon to fight against infertility. 2020 , 99, 151125	5
526	Emerging Prospects of Exosomes for Cancer Treatment: From Conventional Therapy to Immunotherapy. 2020 , 32, e2002440	60
525	Increased levels of platelet-derived microparticles in pulmonary hypertension. 2020 , 195, 120-124	5
524	Development of Artificial Plasma Membranes Derived Nanovesicles Suitable for Drugs Encapsulation. 2020 , 9,	10
523	Circulating microparticles released during dyslipidemia may exert deleterious effects on blood vessels and endothelial function. 2020 , 34, 107683	1
522	Pursuing mechanisms of extracellular vesicle formation. Effects of sample processing. 2020 , 32, 113-155	3
521	The Role of Extracellular Vesicles (EVs) in the Epigenetic Regulation of Bone Metabolism and Osteoporosis. 2020 , 21,	9
520	Pathogenesis of Viral Hepatitis-Induced Chronic Liver Disease: Role of Extracellular Vesicles. 2020 , 10, 587628	6

519	Extracellular vesicles in cardiovascular disease. 2021 , 103, 47-95	10
518	The Role of Exosomes in Thyroid Cancer and Their Potential Clinical Application. 2020 , 10, 596132	8
517	Extracellular Vesicles in Diagnosing Chronic Coronary Syndromes the Bumpy Road to Clinical Implementation. 2020 , 21,	1
516	The Role of Exosomal Epigenetic Modifiers in Cell Communication and Fertility of Dairy Cows. 2020 , 21,	4
515	Viruses and Extracellular Vesicles: Special Issue, 2020, with Thirteen Articles by Chioma M. Okeoma. 2020 , 12,	
514	(Sub)populations of extracellular vesicles released by TNF- α -triggered human endothelial cells promote vascular inflammation and monocyte migration. 2020 , 9, 1801153	14
513	Extracellular Vesicle Proteins and MicroRNAs as Biomarkers for Traumatic Brain Injury. 2020 , 11, 663	32
512	Microvesicles in Cancer: Small Size, Large Potential. 2020 , 21,	11
511	The Platelet Concentrates Therapy: From the Biased Past to the Anticipated Future. 2020 , 7,	10
510	Extracellular Vesicles-Based Drug Delivery Systems: A New Challenge and the Exemplum of Malignant Pleural Mesothelioma. 2020 , 21,	17
509	The Emerging Role of Extracellular Vesicles in the Glioma Microenvironment: Biogenesis and Clinical Relevance. 2020 , 12,	9
508	Platelets Extracellular Vesicles as Regulators of Cancer Progression-An Updated Perspective. 2020 , 21,	13
507	Recent Advances in the Use of Exosomes in Sjögren's Syndrome. 2020 , 11, 1509	10
506	Communication between stromal and hematopoietic stem cell by exosomes in normal and malignant bone marrow niche. 2020 , 132, 110854	7
505	Tetraspanins, More than Markers of Extracellular Vesicles in Reproduction. 2020 , 21,	36
504	Macrophage-derived extracellular vesicles: diverse mediators of pathology and therapeutics in multiple diseases. 2020 , 11, 924	27
503	Interplay between Endoplasmic Reticulum Stress and Large Extracellular Vesicles (Microparticles) in Endothelial Cell Dysfunction. 2020 , 8,	4
502	The Emerging Potential of Extracellular Vesicles in Cell-Free Tissue Engineering and Regenerative Medicine. 2021 , 27, 530-538	4

501	Mode of induction of platelet-derived extracellular vesicles is a critical determinant of their phenotype and function. 2020 , 10, 18061	7
500	Extracellular vesicles in cancer progression: are they part of the problem or part of the solution?. 2020 , 15, 2625-2641	2
499	Nano-Vesicle (Mis)Communication in Senescence-Related Pathologies. 2020 , 9,	12
498	Plasma extracellular vesicles detected by Single Molecule array technology as a liquid biopsy for colorectal cancer. 2020 , 9, 1809765	21
497	Extracellular Vesicles in Essential Hypertension: Hidden Messengers. 2020 , 22, 76	8
496	Extracellular Vesicle-Dependent Cross-Talk in Cancer-Focus on Pancreatic Cancer. 2020 , 10, 1456	10
495	Tumor-derived microparticles in tumor immunology and immunotherapy. 2020 , 50, 1653-1662	5
494	Extracellular Vesicles as Nanotherapeutics for Parkinson's Disease. 2020 , 10,	5
493	Experimental and Biological Insights from Proteomic Analyses of Extracellular Vesicle Cargos in Normalcy and Disease. 2020 , 4, e2000069	3
492	EVs and Bioengineering: From Cellular Products to Engineered Nanomachines. 2020 , 21,	17
491	Specialized Cell-Free DNA Blood Collection Tubes Can Be Repurposed for Extracellular Vesicle Isolation: A Pilot Study. 2020 , 18, 462-470	4
490	Mastering the Tools: Natural versus Artificial Vesicles in Nanomedicine. 2020 , 9, e2000731	12
489	Exosomal microRNAs derived from mesenchymal stem cells: cell-to-cell messages. 2020 , 18, 149	41
488	Mesenchymal stem cell-derived exosome: a promising alternative in the therapy of Alzheimer's disease. 2020 , 12, 109	23
487	Extracellular Vesicles in Bone Metastasis: Key Players in the Tumor Microenvironment and Promising Therapeutic Targets. 2020 , 21,	8
486	Immunoregulatory Roles of Extracellular Vesicles and Associated Therapeutic Applications in Lung Cancer. 2020 , 11, 2024	14
485	Importance of Crosstalk Between Chronic Lymphocytic Leukemia Cells and the Stromal Microenvironment: Direct Contact, Soluble Factors, and Extracellular Vesicles. 2020 , 10, 1422	11
484	Stem Cell-Derived Exosomes as Therapeutic Approach for Neurodegenerative Disorders: From Biology to Biotechnology. 2020 , 9,	9

483	Extracellular Vesicles: Messengers of p53 in Tumor-Stroma Communication and Cancer Metastasis. 2020 , 21,	9
482	Flow Cytometric Assessment of Endothelial and Platelet Microparticles in Patients With Atrial Fibrillation Treated With Dabigatran. 2020 , 26, 1076029620972467	3
481	Extracellular Vesicles in Hematological Malignancies: From Biomarkers to Therapeutic Tools. 2020 , 10,	11
480	Extracellular Vesicles Are Key Regulators of Tumor Neovasculature. 2020 , 8, 611039	13
479	The Functional Heterogeneity of Neutrophil-Derived Extracellular Vesicles Reflects the Status of the Parent Cell. 2020 , 9,	15
478	Extracellular Vesicles as Unique Signaling Messengers: Role in Lung Diseases. 2020 , 11, 1351-1369	3
477	The Extracellular Matrix and Vesicles Modulate the Breast Tumor Microenvironment. 2020 , 7,	8
476	Exosomes as a Potential Tool for Supporting Canine Oocyte Development. 2020 , 10,	4
475	Putative Origins of Cell-Free DNA in Humans: A Review of Active and Passive Nucleic Acid Release Mechanisms. 2020 , 21,	33
474	Mechanobiology of microvesicle release, uptake, and microvesicle-mediated activation. 2020 , 86, 255-278	2
473	Liquid Biopsies in Hepatocellular Carcinoma: Are We Winning?. 2020 , 9,	19
472	Extracellular Vesicles in Cancer. 2020 ,	3
471	The Role of Extracellular Vesicles in the Hallmarks of Cancer and Drug Resistance. 2020 , 9,	45
470	Normothermic Ex Vivo Liver Perfusion Prevents Intrahepatic Platelet Sequestration After Liver Transplantation. 2020 , 104, 1177-1186	4
469	Extracellular vesicles derived from different sources of mesenchymal stem cells: therapeutic effects and translational potential. 2020 , 10, 69	39
468	Promising Scaffold-Free Approaches in Translational Dentistry. 2020 , 17,	2
467	microRNAs as promising biomarkers of platelet activity in antiplatelet therapy monitoring. 2020 , 21,	13
466	Biophysical analysis of lipidic nanoparticles. 2020 , 180, 45-55	3

465	Unravelling the Biology of Adult Cardiac Stem Cell-Derived Exosomes to Foster Endogenous Cardiac Regeneration and Repair. 2020 , 21,	19
464	Cellular microparticles for tumor targeting delivery: from bench to bedside. 2020 , 56, 6171-6188	4
463	Microparticles (Exosomes) and Atherosclerosis. 2020 , 22, 23	20
462	Extracellular Vesicles in the Tumor Microenvironment: Various Implications in Tumor Progression. 2020 , 1259, 155-170	6
461	Black Sorghum Phenolic Extract Modulates Platelet Activation and Platelet Microparticle Release. 2020 , 12,	4
460	Potential Roles of Exosomes in Parkinson's Disease: From Pathogenesis, Diagnosis, and Treatment to Prognosis. 2020 , 8, 86	47
459	Ca mediates extracellular vesicle biogenesis through alternate pathways in malignancy. 2020 , 9, 1734326	22
458	Extracellular Vesicles Derived From Mesenchymal Stem Cells (MSC) in Regenerative Medicine: Applications in Skin Wound Healing. 2020 , 8, 146	88
457	Extracellular Vesicles Could Carry an Evolutionary Footprint in Interkingdom Communication. 2020 , 10, 76	12
456	Mesenchymal Stem Cell-Derived Extracellular Vesicles in Tissue Regeneration. 2020 , 29, 963689720908500	24
455	Platelets Disseminate Extracellular Vesicles in Lymph in Rheumatoid Arthritis. 2020 , 40, 929-942	18
454	Progress in extracellular vesicle biology and their application in cancer medicine. 2020 , 12, e1621	27
453	Aptamer-guided extracellular vesicle theranostics in oncology. 2020 , 10, 3849-3866	25
452	Extracellular vesicles: novel communicators in lung diseases. 2020 , 21, 175	37
451	Current understanding of the role of Adipose-derived Extracellular Vesicles in Metabolic Homeostasis and Diseases: Communication from the distance between cells/tissues. 2020 , 10, 7422-7435	28
450	Tumor Microenvironment. 2020 ,	1
449	Bioinspired Biomaterials. 2020 ,	1
448	Biomimicked Biomaterials. 2020 ,	2

447	Human urine exosomes: Another important member of the liquid biopsy family. 2020 , 645, 195-208	
446	Exosomes as Drug Delivery Vehicles for Cancer Treatment. 2020 , 16, 15-26	4
445	From laboratory to clinic: Translation of extracellular vesicle based cancer biomarkers. 2020 , 177, 58-66	25
444	MDA-9/Syntenin (SDCBP): Novel gene and therapeutic target for cancer metastasis. 2020 , 155, 104695	13
443	Role of Extracellular Vesicles in Cellular Cross Talk in Malaria. 2020 , 11, 22	23
442	Inside(sight) of tiny communicator: exosome biogenesis, secretion, and uptake. 2020 , 467, 77-94	65
441	Mesenchymal Stromal Cell Therapies The Next Frontiers. 2020 , 435-448	
440	Advances in Analysis of Biodistribution of Exosomes by Molecular Imaging. 2020 , 21,	64
439	Unraveling the mechanisms that specify molecules for secretion in extracellular vesicles. 2020 , 177, 15-26	17
438	Current Knowledge and Future Perspectives on Mesenchymal Stem Cell-Derived Exosomes as a New Therapeutic Agent. 2020 , 21,	73
437	Phenotypic analysis of extracellular vesicles: a review on the applications of fluorescence. 2020 , 9, 1710020	38
436	Biosensing extracellular vesicles: contribution of biomolecules in affinity-based methods for detection and isolation. 2020 , 145, 1997-2013	8
435	Prognostic Value of Circulating Microvesicle Subpopulations in Ischemic Stroke and TIA. 2020 , 11, 708-719	5
434	Extracellular Vesicles and Cancer: A Focus on Metabolism, Cytokines, and Immunity. 2020 , 12,	23
433	A Comprehensive Picture of Extracellular Vesicles and Their Contents. Molecular Transfer to Cancer Cells. 2020 , 12,	48
432	Exosomes: From garbage bins to translational medicine. 2020 , 583, 119333	17
431	Extracellular vesicle-associated lipids in central nervous system disorders. 2020 , 159, 322-331	10
430	Extracellular vesicles as signaling mediators in type 2 diabetes mellitus. 2020 , 318, C1189-C1199	24

429	Tumor circulome in the liquid biopsies for cancer diagnosis and prognosis. 2020 , 10, 4544-4556	43
428	Surface functionalization strategies of extracellular vesicles. 2020 , 8, 4552-4569	25
427	Improving extracellular vesicles visualization: From static to motion. 2020 , 10, 6494	8
426	Alternative activation of human macrophages enhances tissue factor expression and production of extracellular vesicles. 2021 , 106, 454-463	8
425	The role of extracellular vesicles in skeletal muscle and systematic adaptation to exercise. 2021 , 599, 845-861	24
424	Non-coding RNA derived from extracellular vesicles in cancer immune escape: Biological functions and potential clinical applications. 2021 , 501, 234-246	6
423	Exosomal secretion may be a self-protective mechanism of its source cells under environmental stress: A study on human bronchial epithelial cells treated with hydroquinone. 2021 , 41, 265-275	1
422	Microscopy approaches to study extracellular vesicles. 2021 , 1865, 129752	4
421	Shedding Light on Extracellular Vesicle Biogenesis and Bioengineering. 2020 , 8, 2003505	57
420	Engineering approaches for effective therapeutic applications based on extracellular vesicles. 2021 , 330, 15-30	19
419	Role of Exosomes in Biological Communication Systems. 2021 ,	2
418	Circulating platelets as liquid biopsy sources for cancer detection. 2021 , 15, 1727-1743	10
417	Les microvésicules cellulaires : biomarqueurs émergents en pathologie cardiovasculaire : intérêt dans le risque thrombotique de la COVID 19. 2021 , 205, 166-179	
416	Importance of extracellular vesicles in hypertension. 2021 , 246, 342-353	5
415	Platelet-derived extracellular vesicles are increased in sera of Alzheimer's disease patients, as revealed by Tim4-based assays. 2021 , 11, 741-752	1
414	Small extracellular vesicles (sEVs): discovery, functions, applications, detection methods and various engineered forms. 2021 , 21, 371-394	5
413	Astrocyte-Derived Extracellular Vesicles (ADEVs): Deciphering their Influences in Aging. 2021 , 12, 1462-1475	1
412	"Don't eat me/eat me"-combined apoptotic body analogues for efficient targeted therapy of triple-negative breast cancer. 2021 , 9, 8472-8479	1

411	Exosome-mediated bioinspired drug delivery. 2021 , 219-240	
410	Host-derived extracellular vesicles for antimicrobial defense. 2021 , 2,	5
409	Extracellular Vesicles in Liquid Biopsies: Potential for Disease Diagnosis. 2021 , 2021, 6611244	6
408	The Potentials and Pitfalls of Using Adult Stem Cells in Cancer Treatment. 2021 , 1326, 139-157	
407	Characterization of Urine Stem Cell-Derived Extracellular Vesicles Reveals B Cell Stimulating Cargo. 2021 , 22,	1
406	Clinical Potential of Extracellular Vesicles in Type 2 Diabetes. 2020 , 11, 596811	6
405	Extracellular Vesicles in Chemoresistance. 2021 , 97, 211-245	0
404	Brain-Derived Extracellular Vesicles in Health and Disease: A Methodological Perspective. 2021 , 22,	5
403	Current Methods for the Isolation of Urinary Extracellular Vesicles. 2021 , 2292, 153-172	1
402	Extracellular vesicles: Potential impact on cardiovascular diseases. 2021 , 105, 49-100	1
401	Function of exosomes in neurological disorders and brain tumors. 2021 , 2, 55-79	2
400	Diverse Populations of Extracellular Vesicles with Opposite Functions during Herpes Simplex Virus 1 Infection. 2021 , 95,	7
399	Extracellular Vesicles and Exosomes: Insights From Exercise Science. 2020 , 11, 604274	31
398	Urinary Extracellular Vesicles as Biomarkers of Kidney Disease. 2021 , 96, 36-41	
397	Advanced nanomaterials as sample technique for bio-analysis. 2021 , 135, 116168	33
396	Exosomes: A new frontier under the spotlight for diagnosis and treatment of gastrointestinal diseases. 2021 , 9, 12-28	
395	Recent Advancement and Technical Challenges in Developing Small Extracellular Vesicles for Cancer Drug Delivery. 2021 , 38, 179-197	6
394	The nature of blood(y) extracellular vesicles. 2021 , 22, 243	3

393	The Potential of Exosomal RNAs in Atherosclerosis Diagnosis and Therapy. 2020 , 11, 572226	1
392	Cell-to-Cell Communication by Host-Released Extracellular Vesicles in the Gut: Implications in Health and Disease. 2021 , 22,	6
391	Treatment of Oxidative Stress with Exosomes in Myocardial Ischemia. 2021 , 22,	11
390	The role of extracellular vesicles in podocyte autophagy in kidney disease. 2021 , 15, 299-316	2
389	Circulating RNA biomarkers in diffuse large B-cell lymphoma: a systematic review. 2021 , 10, 13	3
388	Exosomes in cancer development. 2021 , 66, 83-92	12
387	Exosome-Based Delivery of Natural Products in Cancer Therapy. 2021 , 9, 650426	12
386	Circulating exosomes in cardiovascular disease: Novel carriers of biological information. 2021 , 135, 111148	15
385	Aptamer-Based Detection of Circulating Targets for Precision Medicine. 2021 , 121, 12035-12105	61
384	Role of extracellular vesicles in chronic lung disease. 2021 , 76, 1047-1056	7
383	Circulating Extracellular Vesicles As Biomarkers and Drug Delivery Vehicles in Cardiovascular Diseases. 2021 , 11,	8
382	Overview of extracellular vesicles in the pathogenesis of preeclampsia 2021 , 105, 32-39	4
381	Novel devices for isolation and detection of bacterial and mammalian extracellular vesicles. 2021 , 188, 139	2
380	Beyond the Extracellular Vesicles: Technical Hurdles, Achieved Goals and Current Challenges When Working on Adipose Cells. 2021 , 22,	2
379	Platelet-Derived Extracellular Vesicles Increase Col8a1 Secretion and Vascular Stiffness in Intimal Injury. 2021 , 9, 641763	3
378	Matrix Vesicles: Role in Bone Mineralization and Potential Use as Therapeutics. 2021 , 14,	11
377	Exosomes and Their Role in Cancer Progression. 2021 , 11, 639159	11
376	The Role of Exosomes in Lysosomal Storage Disorders. 2021 , 11,	5

375	Biological membrane derived nanomedicines for cancer therapy. 2021 , 64, 719-733	8
374	The Role of Extracellular Vesicles in the Progression of Human Neuroblastoma. 2021 , 22,	0
373	The Neutrophil Secretome as a Crucial Link between Inflammation and Thrombosis. 2021 , 22,	6
372	Rapid exosomes concentration and in situ detection of exosomal microRNA on agarose-based microfluidic chip. 2021 , 333, 129559	9
371	Microparticles: An Alternative Explanation to the Behavior of Vascular Antiphospholipid Syndrome. 2021 , 47, 787-799	1
370	Platelet transfusion for cancer secondary thrombocytopenia: Platelet and cancer cell interaction. 2021 , 14, 101022	3
369	Extracellular Vesicles of Pluripotent Stem Cells. 2021 , 52, 129-140	1
368	Platelet-enhanced plasma: Characterization of a novel candidate resuscitation fluid's extracellular vesicle content, clotting parameters, and thrombin generation capacity. 2021 , 61, 2179-2194	0
367	Circulating extracellular vesicles are endowed with enhanced procoagulant activity in SARS-CoV-2 infection. 2021 , 67, 103369	23
366	Extracellular Vesicles: Versatile Nanomediators, Potential Biomarkers and Therapeutic Agents in Atherosclerosis and COVID-19-Related Thrombosis. 2021 , 22,	10
365	Exosomes: Isolation, characterization, and biomedical applications. 2021 , 45, 1807-1831	9
364	Extracellular Vesicles and Asthma-More Than Just a Co-Existence. 2021 , 22,	7
363	MAGEA4 Coated Extracellular Vesicles Are Stable and Can Be Assembled In Vitro. 2021 , 22,	1
362	Extracellular vesicle interplay in cardiovascular pathophysiology. 2021 , 320, H1749-H1761	7
361	Extracellular Vesicles: An Emerging Regenerative Treatment for Oral Disease. 2021 , 9, 669011	1
360	Extracellular vesicles in the transfusion medicine field: The potential of proteomics. 2021 , 21, e2000089	1
359	Placenta-Derived Exosomes as a Modulator in Maternal Immune Tolerance During Pregnancy. 2021 , 12, 671093	12
358	Extracellular mitochondria in the cerebrospinal fluid (CSF): Potential types and key roles in central nervous system (CNS) physiology and pathogenesis. 2021 , 58, 255-269	7


357	Understanding extracellular vesicle and nanoparticle heterogeneity: Novel methods and considerations. 2021 , 21, e2000118	11
356	Roles of exosomes in cancer chemotherapy resistance, progression, metastasis and immunity, and their clinical applications (Review). 2021 , 59,	8
355	Biogenesis, Membrane Trafficking, Functions, and Next Generation Nanotherapeutics Medicine of Extracellular Vesicles. 2021 , 16, 3357-3383	11
354	Small blebs, big potential - can extracellular vesicles cure cardiovascular disease?. 2021 ,	1
353	Mesenchymal Stem Cell-Derived Extracellular Vesicles to the Rescue of Renal Injury. 2021 , 22,	9
352	Procoagulant activity of extracellular vesicles in plasma of patients with SARS-CoV-2 infection. 2021 , 68, 103411	1
351	Critical Review of the Evolution of Extracellular Vesicles' Knowledge: From 1946 to Today. 2021 , 22,	12
350	Biological Properties of Milk-Derived Extracellular Vesicles and Their Physiological Functions in Infant. 2021 , 9, 693534	14
349	Exosomes in Intestinal Inflammation. 2021 , 12, 658505	3
348	Characterization and Functional Analysis of Tumor-Derived Microparticles. 2021 , 1, e144	1
347	The Multifaceted Role of Extracellular Vesicles in Glioblastoma: microRNA Nanocarriers for Disease Progression and Gene Therapy. 2021 , 13,	3
346	Using single-vesicle technologies to unravel the heterogeneity of extracellular vesicles. 2021 , 16, 3163-3185	23
345	Exosomes in hepatocellular carcinoma microenvironment and their potential clinical application value. 2021 , 138, 111529	3
344	The Emerging Role of Extracellular Vesicle-Associated RNAs in the Multiple Myeloma Microenvironment. 2021 , 11, 689538	0
343	Extracellular Vesicles-The Next Frontier in Endocrinology. 2021 , 162,	3
342	Extracellular Vesicles in Advanced Prostate Cancer: Tools to Predict and Thwart Therapeutic Resistance. 2021 , 13,	2
341	Adipose Tissue-Derived Extracellular Vesicles and the Tumor Microenvironment: Revisiting the Hallmarks of Cancer. 2021 , 13,	7
340	Spinal cord regeneration: A brief overview of the present scenario and a sneak peek into the future. 2021 , 16, e2100167	1

339	Extracellular Vesicles in Multiple Sclerosis: Role in the Pathogenesis and Potential Usefulness as Biomarkers and Therapeutic Tools. 2021 , 10,	0
338	Extracellular Vesicles in Blood: Sources, Effects, and Applications. 2021 , 22,	13
337	Extracellular Vesicles in the Cornea: Insights from Other Tissues. 2021 , 2021, 9983900	6
336	Characteristics and Clinical Application of Extracellular Vesicle-Derived DNA. 2021 , 13,	7
335	Extracellular Vesicles as Mediators of Cancer Disease and as Nanosystems in Theranostic Applications. 2021 , 13,	4
334	In Situ Membrane Biotinylation Enables the Direct Labeling and Accurate Kinetic Analysis of Small Extracellular Vesicles in Circulation. 2021 , 93, 10862-10870	1
333	Extracellular Vesicles: A New Paradigm for Cellular Communication in Perioperative Medicine, Critical Care, and Pain Management. 2021 , 133, 1162-1179	
332	Spinal Cord Repair: From Cells and Tissue Engineering to Extracellular Vesicles. 2021 , 10,	5
331	Friends and foes: Extracellular vesicles in aging and rejuvenation. 2021 , 3, 787-801	6
330	Nipping disease in the bud: nSMase2 inhibitors as therapeutics in extracellular vesicle-mediated diseases. 2021 , 26, 1656-1668	5
329	Platelet-Derived Extracellular Vesicles for Regenerative Medicine. 2021 , 22,	5
328	Extracellular Vesicles and Thrombosis: Update on the Clinical and Experimental Evidence. 2021 , 22,	7
327	Extracellular vesicles in obesity and its associated inflammation. 2021 , 1-15	1
326	Recent advances in Extracellular Vesicles and their involvements in vasculitis. 2021 , 171, 203-218	4
325	Communication is key: Extracellular vesicles as mediators of infection and defence during host-microbe interactions in animals and plants. 2021 ,	7
324	Role of RNA Motifs in RNA Interaction with Membrane Lipid Rafts: Implications for Therapeutic Applications of Exosomal RNAs. 2021 , 22,	4
323	Role of Exosomal MicroRNAs in Cell-to-Cell Communication. 2022 , 2257, 269-292	2
322	In vivo imaging of EVs in zebrafish: New perspectives from "the waterside". 2021 , 3, 918-929	2

321	Extracellular vesicles as a drug delivery system: A systematic review of preclinical studies. 2021 , 175, 113801	24
320	Intercellular communication through extracellular vesicles in cancer and evolutionary biology. 2021 , 165, 80-87	0
319	Trends in the biological functions and medical applications of extracellular vesicles and analogues. 2021 , 11, 2114-2135	7
318	Circulating platelet-derived extracellular vesicles are decreased after remote ischemic preconditioning in patients with coronary disease: A randomized controlled trial. 2021 , 19, 2605-2611	0
317	Extracellular Vesicles in Sickle Cell Disease: Plasma Concentration, Blood Cell Types Origin Distribution and Biological Properties. 2021 , 8, 728693	0
316	The power of imaging to understand extracellular vesicle biology in vivo. 2021 , 18, 1013-1026	38
315	Advanced Nanotechnologies for Extracellular Vesicle-Based Liquid Biopsy. 2021 , 8, e2102789	13
314	Exosomal Proteins and miRNAs as Mediators of Amyotrophic Lateral Sclerosis. 2021 , 9, 718803	2
313	Extracellular vesicles as novel approaches for the treatment of osteoarthritis: a narrative review on potential mechanisms. 2021 , 52, 879-891	2
312	Molecular insights and clinical impacts of extracellular vesicles in cancer. 2021 , 15, 542	
311	Bovine extracellular vesicles contaminate human extracellular vesicles produced in cell culture conditioned medium when 'exosome-depleted serum' is utilised. 2021 , 708, 108963	4
310	Biosensor-based assay of exosome biomarker for early diagnosis of cancer. 2021 , 1	5
309	Role of Extracellular Vesicles on Cancer Lymphangiogenesis and Lymph Node Metastasis. 2021 , 11, 721785	3
308	Role of extracellular vesicles in atherosclerosis: An update. 2021 ,	3
307	Characterization and Therapeutic Use of Extracellular Vesicles Derived from Platelets. 2021 , 22,	4
306	Diverse plasma membrane protrusions act as platforms for extracellular vesicle shedding. 2021 , 10, e12148	13
305	Therapeutic roles of mesenchymal stem cell-derived extracellular vesicles in cancer. 2021 , 14, 136	18
304	Ferroptosis and Cancer: Complex Relationship and Potential Application of Exosomes. 2021 , 9, 733751	10

303	Circulating Pro-Inflammatory Exosomes Worsen Stroke Outcomes in Aging. 2021 , 129, e121-e140	3
302	Extracellular heat shock proteins in cancer: From early diagnosis to new therapeutic approach. 2021 ,	0
301	Platelet extracellular vesicles enhance the proangiogenic potential of adipose-derived stem cells in vivo and in vitro. 2021 , 12, 497	0
300	Landscape of extracellular vesicles in the tumour microenvironment: Interactions with stromal cells and with non-cell components, and impacts on metabolic reprogramming, horizontal transfer of neoplastic traits, and the emergence of therapeutic resistance. 2021 , 74, 24-44	10
299	Effects of Mesenchymal Stem Cell-Derived Exosomes on Autoimmune Diseases. 2021 , 12, 749192	10
298	The role of extracellular vesicles in traumatic brain injury-induced acute lung injury. 2021 , 321, L885-L891	0
297	Comparative proteome profiling in exosomes derived from porcine colostrum versus mature milk reveals distinct functional proteomes. 2021 , 249, 104338	4
296	Platelet-derived extracellular vesicles may contribute to the hypercoagulable state in preeclampsia. 2021 , 148, 103380	1
295	Emerging biosensing platforms for quantitative detection of exosomes as diagnostic biomarkers. 2021 , 446, 214111	6
294	Exercise and Circulating Microparticles in Healthy Subjects. 2021 , 14, 841-856	1
293	Structure, composition and biological properties of fungal extracellular vesicles. 2021 , 2,	3
292	Introduction to the special issue on extracellular vesicles and reproduction. 2021 , 85, e13387	
291	Microvesicles in active lupus nephritis show Toll-like receptor 9-dependent co-expression of galectin-3 binding protein and double-stranded DNA. 2021 , 204, 64-77	3
290	Proteomics of Platelet Granules, Organelles, and Releasate. 139-157	1
289	Development of a Dual-Modally Traceable Nanoplatfom for Cancer Theranostics Using Natural Circulating Cell-Derived Microparticles in Oral Cancer Patients. 2017 , 27, 1703482	10
288	Cellular Dust as a Novel Hope for Regenerative Cancer Medicine. 2020 , 1288, 139-160	3
287	Mechanisms involved in platelet procoagulant response. 1993 , 344, 195-207	26
286	Isolation and Characterization of Extracellular Vesicles in Stem Cell-Related Studies. 2017 , 205-223	1

285	Extracellular Vesicles. 2020 , 219-229	2
284	Platelets, Vessel Wall, and the Coagulation System. 1997 , 585-618	3
283	The Development of Extracellular Vesicle-Integrated Biomaterials for Bone Regeneration. 2020 , 1250, 97-108	3
282	Exosomes and Supported Lipid Layers as Advanced Naturally Derived Drug Delivery Systems. 2021 , 361-373	1
281	The role of cell death in the pathogenesis of autoimmune disease: HMGB1 and microparticles as intercellular mediators of inflammation. 2008 , 18, 319-26	20
280	Platelet Substitutes and Novel Methods of Platelet Preservation. 2007 , 1297-1309	3
279	Evidence that agonist-induced activation of calpain causes the shedding of procoagulant-containing microvesicles from the membrane of aggregating platelets. 1991 , 266, 13289-13295	156
278	Specificity of phosphatidylserine-containing membrane binding sites for factor VIII. Studies with model membranes supported by glass microspheres (lipospheres).. 1992 , 267, 15861-15868	68
277	Complement proteins C5b-9 cause release of membrane vesicles from the platelet surface that are enriched in the membrane receptor for coagulation factor Va and express prothrombinase activity.. 1988 , 263, 18205-18212	462
276	Extracellular DNA in blood products and its potential effects on transfusion. 2020 , 40,	3
275	Increased urinary exosomal SYT17 levels in chronic active antibody-mediated rejection after kidney transplantation via the IL-6 amplifier. 2020 , 32, 653-662	7
274	Extracellular vesicles of blood plasma: content, origin, and properties. 2017 , 11, 187-192	6
273	Platelet surface glycoproteins. Studies on resting and activated platelets and platelet membrane microparticles in normal subjects, and observations in patients during adult respiratory distress syndrome and cardiac surgery. 1986 , 78, 340-8	321
272	Morphological analysis of microparticle generation in heparin-induced thrombocytopenia. 2000 , 96, 188-194	8
271	Plasma concentration of platelet-derived microparticles is related to painful vaso-occlusive phenotype severity in sickle cell anemia. 2014 , 9, e87243	29
270	Endotoxin-induced monocytic microparticles have contrasting effects on endothelial inflammatory responses. 2014 , 9, e91597	32
269	EXTRACELLULAR VESICLES: CLASSIFICATION, FUNCTIONS AND CLINICAL RELEVANCE. 2014 , 7, 102-108	4
268	Platelet microparticles: small payloads with profound effects on tumor growth. 2017 , 1,	3

267	Mechanisms of neurovascular dysfunction in acute ischemic brain. 2014 , 21, 2035-42	53
266	Cell-Derived Microparticles and Acute Coronary Syndromes: Is there a Predictive Role for Microparticles?. 2020 , 27, 4440-4468	3
265	Human Mesenchymal Stem Cell-derived Exosomes Reduce Ischemia/Reperfusion Injury by the Inhibitions of Apoptosis and Autophagy. 2018 , 24, 5334-5341	29
264	Exosomes: from biology to clinics. 2018 , XII,	4
263	Infusible platelet membrane as a platelet substitute for transfusion: an overview. 2013 , 11, 337-42	19
262	Detection of microparticles from human red blood cells by multiparametric flow cytometry. 2015 , 13, 274-80	29
261	Red blood cell storage time and transfusion: current practice, concerns and future perspectives. 2017 , 15, 222-231	79
260	??? 2004 , 15, 286-292	5
259	Extracellular Vesicles from Red Blood Cells and Their Evolving Roles in Health, Coagulopathy and Therapy. 2020 , 22,	24
258	Predicting the Risk of Recurrent Venous Thromboembolism: Current Challenges and Future Opportunities. 2020 , 9,	4
257	Multifunctional role of microRNAs in mesenchymal stem cell-derived exosomes in treatment of diseases. 2020 , 12, 1276-1294	16
256	Role of mesenchymal stem cell derived extracellular vesicles in autoimmunity: A systematic review. 2020 , 12, 879-896	12
255	Extracellular vesicles as mediators of vascular inflammation in kidney disease. 2016 , 5, 125-38	18
254	MicroRNAs in Platelets: Should I Stay or Should I Go?.	1
253	Exosomes and their role in the micro-/macro-environment: a comprehensive review. 2017 , 31, 386-394	69
252	 "??" 2017 , 155-161	3
251	Blood derived extracellular vesicles as regenerative medicine therapeutics. 2021 ,	0
250	Extracellular Vesicles in Acute Leukemia: A Mesmerizing Journey With a Focus on Transferred microRNAs. 2021 , 9, 766371	1

249	Extracellular Vesicles in Airway Homeostasis and Pathophysiology. 2021 , 11, 9933	1
248	Platelet-rich plasma-derived extracellular vesicles: A superior alternative in regenerative medicine?. 2021 , 54, e13123	3
247	The Molecular Basis and Therapeutic Aspects of Cisplatin Resistance in Oral Squamous Cell Carcinoma. 2021 , 11, 761379	5
246	Biomimetic Platform Based on Mesoporous Platinum for Multisnergistic Cancer Therapy. 2021 , 7, 5154-5164	1
245	Translational and Clinical Applications of Dental Stem Cell-Derived Exosomes. 2021 , 12, 750990	3
244	Extracellular Vesicles in Human Milk. 2021 , 14,	6
243	Changes in Maternal Platelet Physiology during Gestation and Their Interaction with Trophoblasts. 2021 , 22,	4
242	Extracellular vesicle release and uptake by the liver under normo- and hyperlipidemia. 2021 , 78, 7589-7604	4
241	The orchestration of microparticle formations: a novel mechanism in the pathophysiology of sepsis. 2004 , 24, 18-26	
240	Assay for Platelet-Derived Microparticles. 2007 , 18, 646-652	1
239	Microparticles Novel Mechanisms of Intracellular Communication: Implication in Health and Disease. 2011 , 3, 18	
238	The Platelet Microparticle Proteome. 159-184	0
237	Microparticle Dissemination of Biological Activities: Implications for Cancer Biology. 2012 , 211-243	
236	????????????(????????????)????????????(4.????????????????????,?75????????????). 2012 , 20, 78-86	
235	Ultrastructure of Endothelium and Microparticles. 2013 , 101-135	
234	Thermodynamically Stable RNA Three-Way Junction for Constructing Multifunctional Nanoparticles for Delivery of Therapeutics. 2013 , 381-406	1
233	Microvesicular Transfer of MicroRNA in Tumor Microenvironment. 2014 , 327-348	
232	Zur Pathogenese der Arteriosklerose von Aorta und Extremitätenarterien. 1972 , 27-67	

231	Beta-Thromboglobulin, Present State of the Art. 1984 , 291-299	
230	Overview of Extracellular Vesicles in Health and Disease. 2014 , 1-46	
229	Biological Impact of Membranous Nanostructures. 2015 , 401-464	
228	Myocardial Pharmacoregeneration. 2016 , 111-143	
227	Microparticles: Surrogate Markers and Promoters of Cardiovascular Diseases. 2017 , 125-135	
226	Platelet Microparticles: Formation and Properties. 2017 , 4-13	4
225	Circulating Molecular and Cellular Biomarkers in Cancer. 607-656	1
224	Mesenchymal Stem (Stromal) Cell Communications in Their Niche and Beyond: The Role of Extra Cellular Vesicles and Organelle Transfer in Lung Regeneration. 2019 , 229-229	
223	Extracellular RNA in human health and disease. 2020 , 139-161	
222	Extracellular Vesicles and Their Roles in Cancer Progression. 2021 , 2174, 143-170	19
221	Insights of Extracellular Vesicles of Mesenchymal Stem Cells: a Prospective Cell-Free Regenerative Medicine for Neurodegenerative Disorders. 2021 , 1	3
220	Functional Aspects of Atherogenesis. 1983 , 23-53	1
219	Advances in extracellular vesicles analysis. 2020 , 97, 73-116	2
218	Extracellular Vesicles: The Next Frontier in Regenerative Medicine and Drug Delivery. 2020 , 1249, 143-160	0
217	Role of Glia-Derived Extracellular Vesicles in Neurodegenerative Diseases. 2021 , 13, 765395	2
216	Platelet extracellular vesicles in COVID-19: Potential markers and makers. 2021 ,	6
215	Isolation and Characterization of Extracellular Vesicles: Classical and Modern Approaches. 2021 , 1-25	
214	The Interplay Between Oviduct-Derived Exosomes and Cumulus-Oocyte Complexes. 2021 , 99-113	0

213	Therapeutic Potential of Mesenchymal Stem/Stromal CellDerived Exosomes. 2021 , 165-181	
212	Platelet-derived microparticles and the potential of glycoprotein IIb/IIIa antagonists in treating acute coronary syndrome. 2009 , 36, 134-9	27
211	Role of microparticles in dengue virus infection and its impact on medical intervention strategies. 2012 , 85, 3-18	9
210	Isolation and phenotypic characteristics of microparticles in acute respiratory distress syndrome. 2015 , 8, 1640-8	6
209	Proteomic characteristics of circulating microparticles in patients with newly-diagnosed type 2 diabetes. 2016 , 8, 209-20	5
208	Extracellular Vesicles: Evolutionarily Conserved Mediators of Intercellular Communication. 2017 , 90, 481-491	37
207	Possible roles of exosomal miRNAs in the pathogenesis of oral lichen planus. 2019 , 11, 5313-5323	3
206	Extracellular Vesicles Physiological Role and the Particular Case of Disease-Spreading Mechanisms in Polyglutamine Diseases. 2021 , 22,	
205	Novel Platform for Regulation of Extracellular Vesicles and Metabolites Secretion from Cells Using a Multi-Linkable Horizontal Co-Culture Plate. 2021 , 12,	1
204	Application of Stem Cell-Derived Extracellular Vesicles as an Innovative Theranostics in Microbial Diseases.. 2021 , 12, 785856	1
203	An Update on the Role of Extracellular Vesicles in the Pathogenesis of Necrotizing Enterocolitis and Inflammatory Bowel Diseases. 2021 , 10,	1
202	Extracellular vesicles in malaria: an agglomeration of two decades of research. 2021 , 20, 442	0
201	Mesenchymal Stem Cell-Derived Exosomes: The New Frontier for the Treatment of Intervertebral Disc Degeneration. 2021 , 11, 11222	0
200	The Past, the Present, and the Future of the Size Exclusion Chromatography in Extracellular Vesicles Separation. 2021 , 13,	3
199	Emerging roles for AQP in mammalian extracellular vesicles. 2021 , 1864, 183826	2
198	Exosomes and Exosomal Non-coding RNAs Are Novel Promises for the Mechanism-Based Diagnosis and Treatments of Atrial Fibrillation.. 2021 , 8, 782451	0
197	Biogenesis of Fungal Extracellular Vesicles: What Do We Know?. 2021 , 432, 1-11	
196	Usefulness and Possibility of Extracellular Vesicles in Diagnosis. 2021 , 34, 187-193	

195	Tumor-Derived Extracellular Vesicles Regulate Cancer Progression in the Tumor Microenvironment.. 2021 , 8, 796385	5
194	Effects of metals on extracellular vesicle signaling. 2022 , 279-298	0
193	Extracellular vesicles in vascular remodeling.. 2022 ,	6
192	Recent Advances in Device Engineering and Computational Analysis for Characterization of Cell-Released Cancer Biomarkers.. 2022 , 14,	1
191	Trophoblast Extracellular Vesicles in Preeclampsia. 2022 , 155-163	
190	Synergy of Human Platelet-Derived Extracellular Vesicles with Secretome Proteins Promotes Regenerative Functions.. 2022 , 10,	5
189	In sickness and in health: The functional role of extracellular vesicles in physiology and pathology in vivo: Part I: Health and Normal Physiology: Part I: Health and Normal Physiology.. 2022 , 11, e12151	7
188	The roles and therapeutic approaches of MSC-derived exosomes in colorectal cancer.. 2022 , 1	0
187	Roles of the Exosomes Derived From Myeloid-Derived Suppressor Cells in Tumor Immunity and Cancer Progression.. 2022 , 13, 817942	1
186	Agonist-induced extracellular vesicles contribute to the transfer of functional bombesin receptor-subtype 3 to recipient cells.. 2022 , 79, 72	
185	Differential and targeted vesiculation: pathologic cellular responses to elevated arterial pressure.. 2022 , 477, 1023	1
184	Exosomes and exosome-mimetics as targeted drug carriers: Where we stand and what the future holds?. 2022 , 68, 103057	
183	Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer. 2022 , 1-22	
182	Biogenesis and Function of Extracellular Vesicles in Pathophysiological Processes Skeletal Muscle Atrophy.. 2022 , 114954	0
181	Identification of a conserved drug binding pocket in TMEM16 proteins.. 2022 ,	0
180	From fundamental biology to the search for innovation: The story of fungal extracellular vesicles.. 2022 , 101, 151205	1
179	Role of Extracellular Vesicles in the Pathogenesis of Vascular Damage.. 2022 , HYPERTENSIONAHA12117957	3
178	A brief history of nearly EV-everything - The rise and rise of extracellular vesicles.. 2021 , 10, e12144	18

177	Recent advances in liquid biopsy technologies for cancer biomarker detection.	4
176	Role of exosomes in hepatocellular carcinoma progression and metastasis. 2022 , 243-255	
175	The Role of Extracellular Vesicles in Osteoarthritis Treatment Via Microenvironment Regulation.	
174	Role of platelet-derived extracellular vesicles in traumatic brain injury-induced coagulopathy and inflammation.. 2022 , 17, 2102-2107	1
173	Approaches to incorporate extracellular vesicles into exposure science, toxicology, and public health research.. 2022 ,	0
172	Extracellular vesicles and high-density lipoproteins: Exercise and estrogen-responsive small RNA carriers.	1
171	Emerging Concepts on the Role of Extracellular Vesicles and Its Cargo Contents in Glioblastoma-Microglial Crosstalk.. 2022 , 59, 2822	0
170	The Landscape of Nanovectors for Modulation in Cancer Immunotherapy.. 2022 , 14,	0
169	Malnutrition and Biomarkers: A Journey through Extracellular Vesicles.. 2022 , 14,	2
168	Myeloid Responses to Extracellular Vesicles in Health and Disease.. 2022 , 13, 818538	0
167	Extracellular Vesicles Linking Inflammation, Cancer and Thrombotic Risks.. 2022 , 10, 859863	4
166	Platelet-derived microvesicles regulate vascular smooth muscle cell energy metabolism via PRKAA after intimal injury.. 2022 ,	0
165	The role of microvesicles as biomarkers in the screening of colorectal neoplasm.. 2022 ,	
164	Subgroups of Extracellular Vesicles: Can They Be Defined by "Labels?". 2022 ,	0
163	Tackling the effects of extracellular vesicles in fibrosis.. 2022 , 101, 151221	1
162	Ubiquitination/de-ubiquitination: A promising therapeutic target for PTEN reactivation in cancer.. 2022 , 188723	1
161	Role of Circulating Microparticles in Type 2 Diabetes Mellitus: Implications for Pathological Clotting.. 2021 , 48,	1
160	[Extracellular vesicles: How to pass in a few decades from a status of cellular debris, or worse, garbage bags, to that of inter-cellular messengers].. 2021 , 37, 1089-1091	0

159	[Extracellular vesicles-associated biomarkers: Opportunities and challenges in cardiovascular diseases and cancer].. 2021 , 37, 1158-1165	
158	The Role of Macrophage-Derived Exosomes in Liver Diseases. 2022 , 2, 34-41	0
157	Platelet microRNAs inhibit primary tumor growth via broad modulation of tumor cell mRNA expression in ectopic pancreatic cancer in mice.. 2021 , 16, e0261633	2
156	The Role of Extracellular Vesicles in the Progression of Tumors towards Metastasis.	
155	Circulating extracellular vesicles and rheumatoid arthritis: a proteomic analysis.. 2021 , 79, 1	2
154	Novel biomarker and drug delivery systems for theranostics [extracellular vesicles. 2022 , 17, 301-309	5
153	MSCs and their exosomes: a rapidly evolving approach in the context of cutaneous wounds therapy. 2021 , 12, 597	3
152	The Role of Exosomes in Cancer Progression.. 2021 , 23,	2
151	Extracellular Vesicles Derived from Mesenchymal Stem Cells. 2022 , 1-27	
150	Pathogenic Extracellular Vesicle (EV) Signaling in Amyotrophic Lateral Sclerosis (ALS).. 2022 , 1	2
149	Extracellular Vesicles and Their Emerging Roles as Cellular Messengers in Endocrinology: An Endocrine Society Scientific Statement.. 2022 ,	5
148	Microparticles: biogenesis, characteristics and intervention therapy for cancers in preclinical and clinical research.. 2022 , 20, 189	0
147	Message in a Bottle: Endothelial Cell Regulation by Extracellular Vesicles.. 2022 , 14,	2
146	Image_1.JPEG. 2019 ,	
145	Image_2.JPEG. 2019 ,	
144	Image_3.JPEG. 2019 ,	
143	Image_4.JPEG. 2019 ,	
142	Table_1.XLS. 2019 ,	

141	Isolation and Characterization of Urinary Extracellular Vesicles for MicroRNA Biomarker Signature Development with Reference to MISEV Compliance.. 2022 , 2504, 113-133	
140	A time to heal: microRNA and circadian dynamics in cutaneous wound repair.. 2022 , 136, 579-597	1
139	Microfluidic Platforms for the Isolation and Detection of Exosomes: A Brief Review. 2022 , 13, 730	2
138	Circular RNAs and Their Role in Exosomes.. 2022 , 12, 848341	0
137	The pathobiology of platelet and megakaryocyte extracellular vesicles: a (c)lot has changed.. 2022 ,	1
136	Role of Adipose Tissue Derived Exosomes in Metabolic Disease. 2022 , 13,	1
135	Unpacking extracellular vesicles: RNA cargo loading and function. 2022 , 1,	1
134	Impact of Storage Conditions on EV Integrity/Surface Markers and Cargos. 2022 , 12, 697	1
133	Unpacking the Role of Extracellular Vesicles in Ischemic and Hemorrhagic Stroke: Pathophysiology and Therapeutic Implications.. 2022 ,	1
132	An Emerging Frontier in Intercellular Communication: Extracellular Vesicles in Regeneration. 2022 , 10,	1
131	Platelet Extracellular Vesicles Are Taken up by Canine T Lymphocytes but Do Not Play a Role in Their Proliferation, Differentiation and Cytokine Production In Vitro. 2022 , 23, 5504	0
130	Cx43-mediated sorting of miRNAs into extracellular vesicles.. 2022 , e54312	0
129	Overview and Update on Extracellular Vesicles: Considerations on Exosomes and Their Application in Modern Medicine. 2022 , 11, 804	7
128	Extracellular vesicles: from bench to bedside. 2022 , 1,	0
127	Bioengineering exosomes for treatment of organ ischemia-reperfusion injury. 2022 , 302, 120654	0
126	?????????????????????. 2022 ,	
125	The multifaceted role of platelets in mediating brain function.	0
124	Extracellular Vesicles in Corneal Fibrosis/Scarring. 2022 , 23, 5921	1

123	The Footprint of Exosomes in the Radiation-Induced Bystander Effects. 2022 , 9, 243	1
122	Extracellular Vesicles in Mycobacteria and Tuberculosis. 2022 , 12,	0
121	Extracellular Vesicles as Drivers of Immunoinflammation in Atherothrombosis. 2022 , 11, 1845	2
120	Nanotechnology and Immunomodulators in Cancer. 2022 , 125-186	0
119	EVs predict the outcomes in patients with acute myocardial infarction. 2022 , 101857	
118	Extracellular Particles as Carriers of Cholesterol Not Associated with Lipoproteins. 2022 , 12, 618	0
117	Recent progresses in exosome-based systems for targeted drug delivery to the brain. 2022 , 348, 723-744	1
116	Circulating microparticles as indicators of cardiometabolic risk in PCOS. 2022 , 533, 63-70	0
115	Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer. 2022 , 1-22	
114	uEVs: A Potential Tool for Examining Renal Epithelial Cells. 2022 , 3, 796-798	
113	The Pathophysiology of Sepsis-Associated AKI. 2022 , 17, 1050-1069	1
112	Immune Cell-Derived Extracellular Vesicles in the Face of Pathogenic Infections. 13,	
111	A Waste product to save the day in the field of transplantation: the evolving potential of extracellular vesicles.	0
110	The Role of Platelet-Derived Extracellular Vesicles in Immune-Mediated Thrombosis. 2022 , 23, 7837	1
109	The RNA Content of Fungal Extracellular Vesicles: At the Cutting-Edge of Pathophysiology Regulation. 2022 , 11, 2184	
108	Emerging role of exosomes in hematological malignancies.	0
107	Synergies of Extracellular Vesicles and Microchimerism in Promoting Immunotolerance During Pregnancy. 13,	1
106	Insulin Infusion Decreases Medium-Sized Extracellular Vesicles in Adults with Metabolic Syndrome.	1

105	Extracellular vesicles as an emerging drug delivery system for cancer treatment: Current strategies and recent advances. 2022 , 153, 113480	2
104	Muller glia-derived exosomes and their microRNA cargo potential for glaucoma therapies. 2022 , 543-559	
103	Application of exosome-derived noncoding RNAs in bone regeneration: Opportunities and challenges. 2022 , 14, 473-489	0
102	Exosomal Non-Coding RNAs: New Insights into the Biology of Hepatocellular Carcinoma. 2022 , 29, 5383-5406	1
101	Platelet extracellular vesicles and the secretory interactome join forces in health and disease.	1
100	The proteomic and particle composition of human platelet lysate for cell therapy products.	0
99	The history of small extracellular vesicles and their implication in cancer drug resistance. 12,	0
98	Pathophysiology of Coagulation and Emerging Roles for Extracellular Vesicles in Coagulation Cascades and Disorders. 2022 , 11, 4932	1
97	Extracellular vesicles and Alzheimer's disease in the novel era of Precision Medicine: Implications for disease progression, diagnosis and treatment. 2022 , 114183	0
96	Exosomes in the visual system: New avenues in ocular diseases. 2022 , 44, 129-152	1
95	Exosomes: Biogenesis, targeting, characterization and their potential as "Plug & Play" vaccine platforms. 2100646	0
94	Biomaterials constructed for MSC-derived extracellular vesicle loading and delivery a promising method for tissue regeneration. 10,	0
93	Landscape of Clinically Relevant Exosomal tRNA-Derived Non-coding RNAs.	0
92	Urinary extracellular vesicles carry multiple activators and regulators of coagulation. 10,	0
91	EVs and Communication. 2022 ,	0
90	The extracellular vesicles. 2023 , 177-191	0
89	Platelet-Derived Procoagulant Microvesicles Are Elevated in Patients with Retinal Vein Occlusion (RVO). 2022 , 11, 5099	1
88	Functions and clinical applications of exosomes in pancreatic cancer.	0

87	Emerging role of extracellular vesicles in kidney diseases. 13,	0
86	Circulating Microvesicles in Association with the NLRP3 Inflammasome in Coronary Thrombi from STEMI Patients. 2022 , 10, 2196	0
85	The Pathophysiological Role of Platelet-Derived Extracellular Vesicles.	0
84	Extracellular Vesicles in Sickle Cell Disease: A Promising Tool. 2022 , 9, 439	0
83	Composition, Biogenesis, and Role of Exosomes in Tumor Development. 2022 , 2022, 1-12	0
82	Multiple roles of neuronal extracellular vesicles in neurological disorders. 16,	0
81	Emerging roles of platelet concentrates and platelet-derived extracellular vesicles in regenerative periodontology and implant dentistry. 2022 , 6, 031503	1
80	Identification and characterization of extracellular vesicles from red cells infected with Babesia divergens and Babesia microti. 12,	0
79	The role of extracellular vesicles in osteoarthritis treatment via microenvironment regulation. 2022 , 26,	0
78	Annexin V and tissue factor+ microparticles as biomarkers for predicting deep vein thrombosis in patients after joint arthroplasty. 2022 , 536, 169-179	0
77	Artificial Exosomes as Targeted Drug Delivery Systems. 2022 , 123-147	0
76	New frontiers of oral sciences: Focus on the source and biomedical application of extracellular vesicles. 10,	1
75	Extracellular Vesicles in Cancer Drug Resistance: Roles, Mechanisms, and Implications. 2201609	3
74	Neutrophil Extracellular Vesicles: A Delicate Balance between Pro-Inflammatory Responses and Anti-Inflammatory Therapies. 2022 , 11, 3318	0
73	Platelets and platelet extracellular vesicles in drug delivery therapy: A review of the current status and future prospects. 13,	2
72	Exosomes as New Generation Vehicles for Drug Delivery: Biomedical Applications and Future Perspectives. 2022 , 27, 7289	1
71	Advances of engineered extracellular vesicles-based therapeutics strategy. 2022 , 23, 655-681	0
70	Platelet-Derived Exosomes in Atherosclerosis. 2022 , 23, 12546	2

69	Exploration of cerebral vasospasm from the perspective of microparticles. 16,	0
68	Internalisation of RGD-Engineered Extracellular Vesicles by Glioblastoma Cells. 2022 , 11, 1483	0
67	Dose-related shifts in proteome and function of extracellular vesicles secreted by fetal neural stem cells following chronic alcohol exposure. 2022 , e11348	0
66	Current knowledge and future perspectives on exosomes in the field of regenerative medicine: a bibliometric analysis.	0
65	Extracellular Vesicles Derived from Mesenchymal Stem Cells. 2022 , 1071-1096	0
64	Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer. 2022 , 1367-1388	0
63	PERSPEKTYWY ZASTOSOWANIA TERAPEUTYCZNEGO EGZOSOMÓW W NAJCZĘCIEJ WYSTĘPUJĄCYCH NOWOTWORACH. 2019 , 17, 29-35	0
62	EGZOSOMY JAKO NOŚNIKI INFORMACJI W KOMUNIKACJI MIĘDZY KOMÓRKAMI NOWOTWOROWYMI. 2019 , 17, 6-13	0
61	Exosomes-Nature's Lipid Nanoparticles, a Rising Star in Drug Delivery and Diagnostics.	3
60	From Promise to Reality: Bioengineering Strategies to Enhance the Therapeutic Potential of Extracellular Vesicles. 2022 , 9, 675	0
59	Current Perspectives on Adult Mesenchymal Stromal Cell-Derived Extracellular Vesicles: Biological Features and Clinical Indications. 2022 , 10, 2822	1
58	Role of extracellular vesicles in cancer-specific interactions between tumour cells and the vasculature. 2022 ,	1
57	Medium Extracellular Vesicles as a Qualitative and Quantitative Biomarker of Prostate Cancer. 2022 , 10, 2856	0
56	Extracellular Vesicle Isolation and Characterization for Applications in Cartilage Tissue Engineering and Osteoarthritis Therapy. 2023 , 123-140	0
55	Extracellular Vesicles and Vascular Activity. 2022 , 287-312	0
54	Microvesicles as drug delivery systems: A new frontier for bionic therapeutics in cancer. 2023 , 79, 104088	1
53	Exosomes based strategies for brain drug delivery. 2023 , 293, 121949	1
52	Extracellular vesicles as personalized medicine. 2022 , 101155	1

51	The Effect of Extracellular Vesicles on Thrombosis.	1
50	Zunajceliḡi vezikli ḡmajhni delci, ogromen potencial.	0
49	Platelet-derived microvesicles (PMVs) in cancer progression and clinical applications.	0
48	Significance of exosomes in hepatocellular carcinoma. 12,	0
47	Application of Extracellular Vesicles in Gynecologic Cancer Treatment. 2022 , 9, 740	0
46	Extracellular signals regulate the biogenesis of extracellular vesicles. 2022 , 55,	1
45	Liquid biopsy leads to a paradigm shift in the treatment of pancreatic cancer. 28, 6478-6496	1
44	Coagulation potential and the integrated omics of extracellular vesicles from COVID-19 positive patient plasma. 2022 , 12,	0
43	Evaluation of EV Storage Buffer for Efficient Preservation of Engineered Extracellular Vesicles.	0
42	Application of Nanotechnology in Thrombus Therapy. 2202578	1
41	Molecular profiling of urinary extracellular vesicles in chronic kidney disease and renal fibrosis. 13,	0
40	Extracellular vesicles and melanoma: New perspectives on tumor microenvironment and metastasis. 10,	0
39	Extracellular Vesicles and Cellular Ageing. 2023 , 271-311	1
38	Current Advances in Technologies for Single Extracellular Vesicle Analysis and Its Clinical Applications in Cancer Diagnosis. 2023 , 13, 129	0
37	Extracellular Vesicles for Dental Pulp and Periodontal Regeneration. 2023 , 15, 282	0
36	Extracellular Vesicles Are Important Mediators That Regulate Tumor Lymph Node Metastasis via the Immune System. 2023 , 24, 1362	0
35	Messenger roles of extracellular vesicles during fertilization of gametes, development and implantation: Recent advances. 10,	0
34	Contribution of Hepatic Steatosis-intensified Extracellular Vesicle Release to Aggravated Inflammatory Endothelial Injury in Liver-Specific Asah1 Gene Knockout Mice. 2023 ,	0

- 33 Microfluidic systems in extracellular vesicles single analysis. A systematic review. **2023**, 159, 116920 ○
- 32 Role of Extracellular Vesicles in Cancer Pathogenesis. **2023**, 1-29 ○
- 31 Extracellular Vesicles as Therapeutic Resources in the Clinical Environment. **2023**, 24, 2344 ○
- 30 Nitric Oxide Regulation in Microparticles. **2023**, 447-470 ○
- 29 Blood-Based Cancer Screening/Early Cancer Detection. **2023**, 1-31 ○
- 28 Neural stem/progenitor cell-derived extracellular vesicles: A novel therapy for neurological diseases and beyond. **2023**, 4, ○
- 27 Extracellular vesicles mediate biological information delivery: A double-edged sword in cardiac remodeling after myocardial infarction. 14, ○
- 26 Extracellular vesicles: A dive into their role in the tumor microenvironment and cancer progression. 11, ○
- 25 Challenges and strategies: Scalable and efficient production of mesenchymal stem cells-derived exosomes for cell-free therapy. **2023**, 319, 121524 ○
- 24 The role of exosomes in the stemness maintenance and progression of acute myeloid leukemia. **2023**, 212, 115539 ○
- 23 Extracellular vesicles and high-density lipoproteins: Exercise and oestrogen-responsive small RNA carriers. **2023**, 12, 12308 ○
- 22 Potential of Mesenchymal Stromal Cell-Derived Extracellular Vesicles as Natural Nanocarriers: Concise Review. **2023**, 15, 558 ○
- 21 Autologous Platelet and Extracellular Vesicle-Rich Plasma as Therapeutic Fluid: A Review. **2023**, 24, 3420 1
- 20 Therapeutic Implications of the Drug Resistance Conferred by Extracellular Vesicles Derived from Triple-Negative Breast Cancer Cells. **2023**, 24, 3704 ○
- 19 Extracellular vesicles in bacterial and fungal diseases [Pathogenesis to diagnostic biomarkers. **2023**, 14, ○
- 18 Recent Advances in Blood Cell-Inspired and Clot-Targeted Thrombolytic Therapies. **2023**, 2023, 1-14 ○
- 17 Extracellular Vesicles as Very Important Particles (VIPs) in Aging. **2023**, 24, 4250 ○
- 16 Bioengineered MSC-derived exosomes in skin wound repair and regeneration. 11, ○

- 15 Platelets, Protean Cells with All-Around Functions and Multifaceted Pharmacological Applications. **2023**, 24, 4565 ○
- 14 Extracellular Vesicles (EVs) as Crucial Mediators of Cell-Cell Interaction in Asthma. **2023**, 24, 4645 ○
- 13 Extracellular vesicles: From bone development to regenerative orthopedics. **2023**, ○
- 12 Engineered exosomes from different sources for cancer-targeted therapy. **2023**, 8, ○
- 11 Exosomes in COVID-19 infection: Focus on role in diagnosis, pathogenesis, immunity, and clinical trials. ○
- 10 Extracellular Vesicles as Biomarkers in Head and Neck Squamous Cell Carcinoma: From Diagnosis to Disease-Free Survival. **2023**, 15, 1826 ○
- 9 A review of the potential of induced pluripotent stem cell-derived exosome as a novel treatment for male infertility. 1-26 ○
- 8 Non-Classical Intercellular Communications: Basic Mechanisms and Roles in Biology and Medicine. **2023**, 24, 6455 ○
- 7 Extracellular Vesicles Act as Carriers for Cargo Delivery and Regulate Wnt Signaling in the Hepatocellular Carcinoma Tumor Microenvironment. **2023**, 15, 2088 ○
- 6 The molecular mechanism of human stem cell-derived extracellular vesicles in retinal repair and regeneration. **2023**, 14, ○
- 5 Research Progress of Exosomes Derived miRNAs in Ischemic Stroke. **2023**, 13, 5848-5854 ○
- 4 Research progress of extracellular vesicles as biomarkers in immunotherapy for non-small cell lung cancer. 14, ○
- 3 Extracellular Vesicle-Based Nanodrug Delivery. **2023**, 667-688 ○
- 2 Ultrasensitive protein detection technologies for extracellular vesicle measurements. **2023**, 100557 ○
- 1 Bioelectrical and biomechanical properties of Extracellular Vesicles - Outlook and Electrochemical Biosensing. **2023**, 101311 ○