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Exosomes from human saliva as a source of microRNA biomarkers

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601	Circulating microRNA in body fluid: a new potential biomarker for cancer diagnosis and prognosis. 2010 , 101, 2087-92		987
600	Selective release of microRNA species from normal and malignant mammary epithelial cells. 2010 , 5, e13515		451
599	Let-7 microRNA family is selectively secreted into the extracellular environment via exosomes in a metastatic gastric cancer cell line. 2010 , 5, e13247		456
598	Saliva as a potential diagnostic tool. 2010 , 64, 293-306		16
597	Human traumatic brain injury alters plasma microRNA levels. 2010 , 27, 2147-56		210
596	Export of microRNAs and microRNA-protective protein by mammalian cells. 2010 , 38, 7248-59		799
595	MicroRNAs as biomarkers in rheumatic diseases. 2010 , 6, 391-8		163
594	MicroRNAs in systemic rheumatic diseases. 2011 , 13, 229		87
593	Exosomes and the kidney: prospects for diagnosis and therapy of renal diseases. 2011 , 80, 1138-45		152
592	MicroRNAs in body fluids--the mix of hormones and biomarkers. 2011 , 8, 467-77		1074
591	Recovering circulating extracellular or cell-free RNA from bodily fluids. 2011 , 35, 580-9		77
590	Cellular microRNAs (miRNAs) and Sjögren's syndrome: candidate regulators of autoimmune response and autoantigen expression. 2011 , 37, 129-35		75
589	Role of miRNA in distinguishing primary brain tumors from secondary tumors metastatic to the brain. 2011 , S3, 970-979		
588	Role of miRNA in distinguishing primary brain tumors from secondary tumors metastatic to the brain. 2011 , 3, 970-9		7

587	The Role of MicroRNAs in Regulatory T Cells and in the Immune Response. 2011 , 11, 11-41	95
586	MicroRNA 144 impairs insulin signaling by inhibiting the expression of insulin receptor substrate 1 in type 2 diabetes mellitus. 2011 , 6, e22839	289
585	Optimization of monolithic columns for microfluidic devices. 2011 ,	3
584	Circulating microRNAs let-7a and miR-16 predict progression-free survival and overall survival in patients with myelodysplastic syndrome. 2011 , 118, 413-5	83
583	Saliva: diagnostics and therapeutic perspectives. <i>Oral Diseases</i> , 2011 , 17, 345-54	3.5 208
582	MicroRNAs: the fine-tuners of Toll-like receptor signalling. 2011 , 11, 163-75	673
581	Exosomal transmission of functional aquaporin 2 in kidney cortical collecting duct cells. 2011 , 589, 6119-27	100
580	Extracellular microRNA: a new source of biomarkers. 2011 , 717, 85-90	462
579	High resolution of microRNA signatures in human whole saliva. 2011 , 56, 1506-13	77
578	Mechanotransduction and epigenetic control in autoimmune diseases. 2011 , 10, 175-9	17
577	Exosomes as intercellular signalosomes and pharmacological effectors. 2011 , 81, 1171-82	406
576	microRNAs, Plasma Lipids, and Cardiovascular Disease. 2011 , 5, 10-17	
575	Human saliva, plasma and breast milk exosomes contain RNA: uptake by macrophages. 2011 , 9, 9	593
574	Alterations in type I hemidesmosome components suggestive of epigenetic control in the salivary glands of patients with Sjögren's syndrome. 2011 , 63, 1106-15	42
573	Analytical aspects of microRNA in diagnostics: a review. 2011 , 699, 134-52	203
572	Salivary miRNAome profiling uncovers epithelial and proliferative miRNAs with differential expression across dentition stages. 2011 , 10, 3359-68	10
571	Circulating microRNA expression is reduced in chronic kidney disease. 2011 , 26, 3794-802	161
570	Microvesicles and viral infection. 2011 , 85, 12844-54	289

569	Exosomes: vehicles for the transfer of toxic proteins associated with neurodegenerative diseases?. 2012 , 3, 124	275
568	Cardiovascular risk in systemic autoimmune diseases: epigenetic mechanisms of immune regulatory functions. 2012 , 2012, 974648	32
567	Effects of the UK Biobank collection protocol on potential biomarkers in saliva. 2012 , 41, 1786-97	25
566	Causes and consequences of microRNA dysregulation. 2012 , 18, 215-22	212
565	Small RNA deep sequencing reveals a distinct miRNA signature released in exosomes from prion-infected neuronal cells. 2012 , 40, 10937-49	327
564	Plasma exosomes can deliver exogenous short interfering RNA to monocytes and lymphocytes. 2012 , 40, e130	477
563	Identifying mRNA, microRNA and protein profiles of melanoma exosomes. 2012 , 7, e46874	198
562	Sjögren's Syndrome. 2012 ,	7
561	MicroRNAs are exported from malignant cells in customized particles. 2012 , 40, 9125-38	171
560	Exosomes secreted from human colorectal cancer cell lines contain mRNAs, microRNAs and natural antisense RNAs, that can transfer into the human hepatoma HepG2 and lung cancer A549 cell lines. 2012 , 28, 1551-8	180
559	Exosomal miRNAs: Biological Properties and Therapeutic Potential. 2012 , 3, 56	243
558	Microvesicles/exosomes as potential novel biomarkers of metabolic diseases. 2012 , 5, 247-82	116
557	Salivary biomarker development using genomic, proteomic and metabolomic approaches. 2012 , 4, 82	92
556	Method development for proteome stabilization in human saliva. 2012 , 722, 63-9	25
555	Proteomic analysis of microvesicles in human saliva by gel electrophoresis with liquid chromatography-mass spectrometry. 2012 , 723, 61-7	51
554	Antiviral activity of salivary microRNAs for ophthalmic herpes zoster. 2012 , 9, 21	9
553	Circulating microRNAs as noninvasive biomarkers in breast cancer. 2012 , 195, 151-61	61
552	Exosomal RNA as biomarkers and the therapeutic potential of exosome vectors. 2012 , 12 Suppl 1, S189-97	96

551	Bovine milk contains microRNA and messenger RNA that are stable under degradative conditions. 2012 , 95, 4831-4841	215
550	Cell-free seminal mRNA and microRNA exist in different forms. 2012 , 7, e34566	56
549	Circulating microRNAs: new biomarkers in diagnosis, prognosis and treatment of cancer (review). 2012 , 41, 1897-912	265
548	Analysis of miRNA market trends reveals hotspots of research activity. 2012 , 4, 237-40	5
547	Minimal Residual Disease and Circulating Tumor Cells in Breast Cancer. 2012 ,	5
546	Approaches to Autoimmune Diseases Using Epigenetic Therapy. 2012 , 225-251	
545	Salivary Diagnostics in Oral Cancer. 2012 ,	2
544	MicroRNAs in autoimmune rheumatic diseases. 2012 , 64, 7-17	5
543	Immune-related microRNAs are abundant in breast milk exosomes. 2012 , 8, 118-23	371
542	MicroRNAs: molecular features and role in cancer. 2012 , 17, 2508-40	158
541	Identification and proteomic profiling of exosomes in human cerebrospinal fluid. 2012 , 10, 5	315
540	Horizontal transfer of RNAs: exosomes as mediators of intercellular communication. 2012 , 3, 286-93	128
539	Importance of RNA isolation methods for analysis of exosomal RNA: evaluation of different methods. 2012 , 50, 278-86	156
538	MicroRNA dysregulation in cancer: diagnostics, monitoring and therapeutics. A comprehensive review. 2012 , 4, 143-59	1200
537	Tumor cell-derived exosomes: a message in a bottle. 2012 , 1826, 103-11	179
536	MicroRNAs in autoimmunity and inflammatory bowel disease: crucial regulators in immune response. 2012 , 11, 305-14	133
535	Secretory miRNAs as novel cancer biomarkers. 2012 , 1826, 32-43	36
534	The multifaceted exosome: biogenesis, role in normal and aberrant cellular function, and frontiers for pharmacological and biomarker opportunities. 2012 , 83, 1484-94	348

533	Deep sequencing of short RNAs reveals novel microRNAs in minor salivary glands of patients with Sjögren's syndrome. <i>Oral Diseases</i> , 2012 , 18, 127-31	3.5	50
532	New technologies for studying the complexity of oral diseases. <i>Oral Diseases</i> , 2012 , 18, 121-6	3.5	15
531	Microvesicles and exosomes: opportunities for cell-derived membrane vesicles in drug delivery. 2012 , 161, 635-44		290
530	Microribonucleic acids and gastric cancer. 2012 , 103, 620-5		19
529	Circulating microRNAs: a novel class of biomarkers to diagnose and monitor human cancers. 2012 , 32, 326-48		355
528	miRNAs in head and neck cancer revisited. 2013 , 36, 1-7		69
527	Circulating MicroRNAs. 2013 ,		2
526	Comparison of microRNA expression profiles in HCC-derived microvesicles and the parental cells and evaluation of their roles in HCC. 2013 , 33, 346-352		11
525	MicroRNA Protocols. 2013 ,		2
524	Clinical impact of serum exosomal microRNA-21 as a clinical biomarker in human esophageal squamous cell carcinoma. 2013 , 119, 1159-67		320
523	Characterization of human plasma-derived exosomal RNAs by deep sequencing. 2013 , 14, 319		662
522	Circulating miR-130b mediates metabolic crosstalk between fat and muscle in overweight/obesity. 2013 , 56, 2275-85		91
521	Exosomes: the future of biomarkers in medicine. 2013 , 7, 769-78		282
520	MicroRNA control in the development of systemic autoimmunity. 2013 , 15, 202		28
519	The Role of Exosomal Shuttle RNA (esRNA) in Cell-to-Cell Communication. 2013 , 33-45		1
518	The Cell Biology of Exosomes: Historical and Perspectives. 2013 , 1-32		1
517	Exosomes as nano-theranostic delivery platforms for gene therapy. 2013 , 65, 357-67		166
516	Proteomics, transcriptomics and lipidomics of exosomes and ectosomes. 2013 , 13, 1554-71		341

515	Urinary vesicles: in splendid isolation. 2013 , 28, 1332-5	10
514	Tumor-derived exosomes and microvesicles in head and neck cancer: implications for tumor biology and biomarker discovery. 2013 , 13, 1608-23	91
513	Secretion of microvesicular miRNAs in cellular and organismal aging. 2013 , 48, 626-33	64
512	Extracellular vesicles: exosomes, microvesicles, and friends. 2013 , 200, 373-83	4759
511	Nucleic acids in exosomes: disease markers and intercellular communication molecules. 2013 , 78, 1-7	50
510	MicroRNAs as potential biomarkers in human solid tumors. 2013 , 329, 125-36	190
509	Extracellular vesicles as an emerging mechanism of cell-to-cell communication. 2013 , 44, 11-9	236
508	Salivary microRNAs and oral cancer detection. 2013 , 936, 313-24	65
507	Altered microRNA profiles in bronchoalveolar lavage fluid exosomes in asthmatic patients. 2013 , 131, 894-903	223
506	Detection methods for microRNAs in clinic practice. 2013 , 46, 869-78	103
505	Methods of analysis of dendritic cell-derived exosome-shuttle microRNA and its horizontal propagation between dendritic cells. 2013 , 1024, 19-40	22
504	Purification of RNA from milk whey. 2013 , 1024, 191-201	22
503	Fludarabine treatment favors the retention of miR-485-3p by prostate cancer cells: implications for survival. 2013 , 12, 52	28
502	Isolation of circulating microRNA in saliva. 2013 , 1024, 183-90	43
501	Identification and analysis of circulating exosomal microRNA in human body fluids. 2013 , 1024, 109-28	48
500	Clinical implications of microRNAs in cancer. 2013 , 88, 388-96	12
499	Cigarette smoking substantially alters plasma microRNA profiles in healthy subjects. 2013 , 272, 154-60	91
498	Molecular lipidomics of exosomes released by PC-3 prostate cancer cells. 2013 , 1831, 1302-9	414

497	Liver-specific microRNAs as biomarkers of nanomaterial-induced liver damage. 2013 , 24, 405102	42
496	MicroRNAs and triple negative breast cancer. 2013 , 14, 22202-20	59
495	Circulating miRNA biomarkers for Alzheimer's disease. 2013 , 8, e69807	228
494	Emerging Concepts of Tumor Exosome-Mediated Cell-Cell Communication. 2013 ,	5
493	The potential role of miR-451 in cancer diagnosis, prognosis, and therapy. 2013 , 12, 1153-62	77
492	Small RNA transcriptomes of two types of exosomes in human whole saliva determined by next generation sequencing. 2013 , 36, 66-75	112
491	Contribution of miRNAs to the pathogenesis of scleroderma and targeting them for the diagnosis and treatment. 2013 , 8, 417-426	0
490	Non-coding RNAs in hepatitis C-induced hepatocellular carcinoma: dysregulation and implications for early detection, diagnosis and therapy. 2013 , 19, 7836-45	27
489	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. 2013 , 2,	1409
488	An efficient method for high-fidelity messenger RNA amplification from a small amount of total RNA. 2013 , 1, 105-110	
487	MicroRNAs as cancer biomarkers. 2013 , 2, 102-17	11
486	The Role of Micro-RNAs in Rheumatic Diseases: An Update. 2013 ,	1
485	Rapid isolation of extracellular vesicles from cell culture and biological fluids using a synthetic peptide with specific affinity for heat shock proteins. 2014 , 9, e110443	112
484	Transcriptomics in Health and Disease. 2014 ,	0
483	Differential temporal expression of milk miRNA during the lactation cycle of the marsupial tammar wallaby (<i>Macropus eugenii</i>). 2014 , 15, 1012	59
482	MiR-21 is involved in radiation-induced bystander effects. 2014 , 11, 1161-70	54
481	Circulating Muscle-specific miRNAs in Duchenne Muscular Dystrophy Patients. 2014 , 3, e177	56
480	Bioactive Functions of Milk Proteins: a Comparative Genomics Approach. 2014 , 19, 289-302	19

479	MicroRNA expression in salivary supernatant of patients with pancreatic cancer and its relationship with ZHENG. 2014 , 2014, 756347		22
478	Molecular basis of cancer-therapy-induced cardiotoxicity: introducing microRNA biomarkers for early assessment of subclinical myocardial injury. 2014 , 126, 377-400		27
477	Evaluation of microRNAs miR-196a, miR-30a-5P, and miR-490 as biomarkers of disease activity among patients with FSGS. 2014 , 9, 1545-52		62
476	Comparison of ultracentrifugation and density gradient separation methods for isolating Tca8113 human tongue cancer cell line-derived exosomes. 2014 , 8, 1701-1706		56
475	Membrane transporters in salivary exosomes and microvesicles as biomarkers of systemic or oral disease. 2014 , 56, 110-114		2
474	Emerging landscape of non-coding RNAs in oral health and disease. <i>Oral Diseases</i> , 2014 , 20, 226-35	3.5	11
473	MicroRNAs Control Macrophage Formation and Activation: The Inflammatory Link between Obesity and Cardiovascular Diseases. 2014 , 3, 702-12		19
472	Exosomes from IL-1 β -stimulated synovial fibroblasts induce osteoarthritic changes in articular chondrocytes. 2014 , 16, R163		150
471	microRNA Biomarkers as Potential Diagnostic Markers for Cancer. 2014 , 95-126		
470	Human RNAi pathway: crosstalk with organelles and cells. 2014 , 14, 31-46		13
469	MicroRNAs in plasma and cerebrospinal fluid as potential markers for Alzheimer's disease. 2014 , 39, 253-9		165
468	The potential of exosomes in diagnosis and treatment of inborn errors of metabolism. 2014 , 37, 497-504		2
467	Regulation of immune responses by extracellular vesicles. 2014 , 14, 195-208		1294
466	Emerging technologies in extracellular vesicle-based molecular diagnostics. 2014 , 14, 307-21		98
465	The Role of MicroRNAs and Ultraconserved Non-Coding RNAs in Cancer. 2014 , 435-447		2
464	Tumor exosomes induce tunneling nanotubes in lipid raft-enriched regions of human mesothelioma cells. 2014 , 323, 178-188		70
463	Extracellular microRNAs in saliva. 2014 , 56, 91-96		
462	Exosomal miR-221/222 enhances tamoxifen resistance in recipient ER-positive breast cancer cells. 2014 , 147, 423-31		228

461	Human T-lymphotropic virus type 1-infected cells secrete exosomes that contain Tax protein. 2014 , 289, 22284-305	110
460	Proteins recruited to exosomes by tau overexpression implicate novel cellular mechanisms linking tau secretion with Alzheimer's disease. 2014 , 40 Suppl 1, S47-70	45
459	Risk genes in head and neck cancer: a systematic review and meta-analysis of last 5 years. 2014 , 50, 178-88	41
458	Various applications of microRNAs in skin diseases. 2014 , 74, 3-8	25
457	Extracellular vesicles: specialized bone messengers. 2014 , 561, 38-45	20
456	Biomarkers for Brain Gliomas. 2014 , 223-242	
455	Dynamic miRNA-mRNA paradigms: New faces of miRNAs. 2015 , 4, 337-341	22
454	Assessment of endogenous reference gene suitability for serum exosomal microRNA expression analysis in liver carcinoma resection studies. 2015 , 12, 4683-4691	36
453	Integrating genetics and epigenetics in breast cancer: biological insights, experimental, computational methods and therapeutic potential. 2015 , 9, 62	34
452	Secretion of small/microRNAs including miR-638 into extracellular spaces by sphingomyelin phosphodiesterase 3. 2015 , 33, 67-73	25
451	Diagnostic and Prognostic Applications of MicroRNA-Abundant Circulating Exosomes. 2015 , 223-256	
450	Altered microRNA Expression Profiles of Extracellular Vesicles in Nasal Mucus From Patients With Allergic Rhinitis. 2015 , 7, 449-57	54
449	Microvesicles as a potential biomarker of neoplastic diseases and their role in development and progression of neoplasm. 2015 , 14, 283-91	4
448	Exosomes in the Thymus: Antigen Transfer and Vesicles. 2015 , 6, 366	12
447	Exosomes: novel biomarkers for clinical diagnosis. 2015 , 2015, 657086	287
446	Recent Progress in the Identification of Non-Invasive Biomarkers to Support the Diagnosis of Alzheimer's Disease in Clinical Practice and to Assist Human Clinical Trials. 2015 ,	0
445	Strategies for isolation of exosomes. 2015 , 2015, 319-23	191
444	Exosomal RNA from Mycobacterium tuberculosis-Infected Cells Is Functional in Recipient Macrophages. 2015 , 16, 555-71	79

443	Lowering the quantification limit of the Qubit™ RNA HS assay using RNA spike-in. 2015 , 16, 9	9
442	Noncoding RNAs in human saliva as potential disease biomarkers. 2015 , 6, 175	32
441	Exosomes: Potent regulators of tumor malignancy and potential bio-tools in clinical application. 2015 , 95, 346-58	39
440	Exosomal Non-Coding RNAs: Diagnostic, Prognostic and Therapeutic Applications in Cancer. 2015 , 1, 53-68	57
439	Extracellular vesicles: potential applications in cancer diagnosis, prognosis, and epidemiology. 2015 , 15, 6	101
438	Extracellular microRNAs in Membrane Vesicles and Non-vesicular Carriers. 2015 , 106, 31-53	6
437	Circulating Extracellular microRNA in Systemic Autoimmunity. 2015 , 106, 171-195	20
436	Circulating microRNAs in Disease Diagnostics and their Potential Biological Relevance. 2015 ,	7
435	Human aqueous humor exosomes. 2015 , 132, 73-7	74
434	Exosome secretion by eosinophils: A possible role in asthma pathogenesis. 2015 , 135, 1603-13	80
433	ExcellmiRDB for translational genomics: a curated online resource for extracellular microRNAs. 2015 , 19, 24-30	15
432	MicroRNAs and Exosomes in Cancer Diagnosis and Therapy. 2015 , 819-834	
431	Extracellular vesicles--Their role in the packaging and spread of misfolded proteins associated with neurodegenerative diseases. 2015 , 40, 89-96	148
430	Exosome and exosomal microRNA: trafficking, sorting, and function. 2015 , 13, 17-24	973
429	MicroRNA signatures differentiate Crohn's disease from ulcerative colitis. 2015 , 16, 5	110
428	Physical characterization and profiling of airway epithelial derived exosomes using light scattering. 2015 , 87, 59-63	64
427	Salivary microRNAs show potential as a noninvasive biomarker for detecting resectable pancreatic cancer. 2015 , 8, 165-73	88
426	Not all biofluids are created equal: chewing over salivary diagnostics and the epigenome. 2015 , 37, 529-39	38

425	Circulating microRNAs: emerging biomarkers for diagnosis and prognosis in patients with gastrointestinal cancers. 2015 , 128, 1-15	36
424	Non-coding RNAs in saliva: emerging biomarkers for molecular diagnostics. 2015 , 16, 8676-98	50
423	Integrated systems for exosome investigation. 2015 , 87, 31-45	134
422	Low pH increases the yield of exosome isolation. 2015 , 461, 76-9	108
421	Small RNAs derived from tRNAs and rRNAs are highly enriched in exosomes from both old and new world Leishmania providing evidence for conserved exosomal RNA Packaging. 2015 , 16, 151	86
420	Regulation of cancer metastasis by microRNAs. 2015 , 22, 9	100
419	Salivary extracellular noncoding RNA: emerging biomarkers for molecular diagnostics. 2015 , 37, 540-51	29
418	MicroRNAs in colorectal cancer: small molecules with big functions. 2015 , 360, 89-105	71
417	Genomics, Personalized Medicine and Oral Disease. 2015 ,	1
416	Exosome-mediated microRNA transfer plays a role in radiation-induced bystander effect. 2015 , 12, 1355-63	98
415	Diagnostic profiling of salivary exosomal microRNAs in oral lichen planus patients. <i>Oral Diseases</i> , 2015 , 21, 987-93	3-5 52
414	Human saliva-derived exosomes: comparing methods of isolation. 2015 , 63, 181-9	107
413	Exosomes and other extracellular vesicles in host-pathogen interactions. 2015 , 16, 24-43	411
412	Extracellular vesicles and their synthetic analogues in aging and age-associated brain diseases. 2015 , 16, 147-85	41
411	Formation and role of exosomes in cancer. 2015 , 72, 659-71	156
410	Plasma circulating-microRNA profiles are useful for assessing prognosis in patients with cytogenetically normal myelodysplastic syndromes. 2015 , 28, 373-82	26
409	Exosomes: vehicles of intercellular signaling, biomarkers, and vectors of cell therapy. 2015 , 77, 13-27	418
408	Circulating Nucleic Acids as Prostate Cancer Biomarkers. 2016 , 557-585	

407	Function and Regulation of MicroRNAs and Their Potential as Biomarkers in Paediatric Liver Disease. 2016 , 17,	21
406	The Importance of Biobanks in Epigenetic Studies. 2016 , 19-35	2
405	Exosomes in Human Immunodeficiency Virus Type I Pathogenesis: Threat or Opportunity?. 2016 , 2016, 9852494	32
404	Evaluation of microRNA Expression in Patients with Herpes Zoster. 2016 , 8,	10
403	Exosomes from adipose-derived stem cells ameliorate phenotype of Huntington's disease in vitro model. 2016 , 44, 2114-9	63
402	Placental biomarkers and angiogenic factors in oral fluids of patients with preeclampsia. 2016 , 36, 476-82	19
401	Influence of storage condition on exosome recovery. 2016 , 21, 299-304	58
400	The emerging landscape of salivary diagnostics. 2016 , 70, 38-52	62
399	Isolation of human salivary extracellular vesicles by iodixanol density gradient ultracentrifugation and their characterizations. 2016 , 5, 30829	94
398	Recent exposure to ultrafine particles in school children alters miR-222 expression in the extracellular fraction of saliva. 2016 , 15, 80	24
397	miR-1246 and miR-4644 in salivary exosome as potential biomarkers for pancreatobiliary tract cancer. 2016 , 36, 2375-81	78
396	Expression of exosomal and cellular microRNAs: as biomarkers for toluene, ethylbenzene, xylene (TEX) exposure. 2016 , 12, 359-369	8
395	Principles and Practice of Radiotherapy Techniques in Thoracic Malignancies. 2016 ,	2
394	Origin of life: LUCA and extracellular membrane vesicles (EMVs). 2016 , 15, 7-15	10
393	Direct and Label-Free Quantification of Micro-RNA-181a at Attomolar Level in Complex Media Using a Nanophotonic Biosensor. 2016 , 1, 748-756	40
392	MicroRNA Profiling from RSV-Infected Biofluids, Whole Blood, and Tissue Samples. 2016 , 1442, 195-208	3
391	Genetic and epigenetic abnormalities in systemic sclerosis. 2016 , 43, 10-8	21
390	Adipose-derived stem cell exosomes alleviate pathology of amyotrophic lateral sclerosis in vitro. 2016 , 479, 434-439	69

389	Human Respiratory Syncytial Virus. 2016,	1
388	The choice of endogenous controls in exosomal microRNA assessments from biofluids. 2016, 37, 11657-11665	36
387	Modulation of Immune Responses by Exosomes Derived from Antigen-Presenting Cells. 2016, 9, 1-8	46
386	MiR-1908 promotes scar formation post-burn wound healing by suppressing Ski-mediated inflammation and fibroblast proliferation. 2016, 366, 371-380	14
385	Recent advances of exosomes in immune modulation and autoimmune diseases. 2016, 49, 357-365	97
384	Challenges and opportunities of bovine milk analysis by mass spectrometry. 2016, 13, 8	24
383	Exosomes as a Nanodelivery System: a Key to the Future of Neuromedicine?. 2016, 53, 818-834	142
382	Chromatography and its hyphenation to mass spectrometry for extracellular vesicle analysis. 2016, 1439, 26-41	28
381	Translating RNA sequencing into clinical diagnostics: opportunities and challenges. 2016, 17, 257-71	371
380	Primary Sjögren's syndrome: Clinical phenotypes, outcome and the development of biomarkers. 2016, 15, 695-703	38
379	MicroRNA as Biomarkers and Diagnostics. 2016, 231, 25-30	370
378	Epigenetics. 2016, 117-136	
377	Autoantigen-targeting microRNAs in Sjögren's syndrome. 2016, 35, 911-7	13
376	Recent advances in salivary cancer diagnostics enabled by biosensors and bioelectronics. 2016, 81, 181-197	42
375	Systemic Sclerosis. 2016,	1
374	Exosomes as new diagnostic tools in CNS diseases. 2016, 1862, 403-10	117
373	Paving the Route to Plasma miR-208a-3p as an Acute Cardiac Injury Biomarker: Preclinical Rat Data Supports Its Use in Drug Safety Assessment. 2016, 149, 89-97	20
372	Morphological and molecular features of oral fluid-derived exosomes: oral cancer patients versus healthy individuals. 2016, 142, 101-10	73

371	Oral swirl samples - a robust source of microRNA protected by extracellular vesicles. <i>Oral Diseases</i> , 2017 , 23, 312-317	3.5	6
370	Serum miR-29a Is Upregulated in Acute Graft-versus-Host Disease and Activates Dendritic Cells through TLR Binding. 2017 , 198, 2500-2512		32
369	[The microRNAs as biomarkers: What prospects?]. 2017 , 340, 114-131		26
368	RNA in extracellular vesicles. 2017 , 8, e1413		245
367	Silica nanostructured platform for affinity capture of tumor-derived exosomes. 2017 , 52, 6907-6916		15
366	Comparative analysis of microRNA and mRNA expression profiles in cells and exosomes under toluene exposure. 2017 , 41, 92-101		19
365	Trophic Effects of Mesenchymal Stem Cells in Tissue Regeneration. 2017 , 23, 515-528		142
364	Review: MicroRNAs in ocular surface and dry eye diseases. 2017 , 15, 660-669		18
363	microRNAs: Emerging players in oral cancers and inflammatory disorders. 2017 , 39, 1010428317698379		15
362	Apoptosis and Compensatory Proliferation Signaling Are Coupled by Crkl-Containing Microvesicles. 2017 , 41, 674-684.e5		27
361	Characterization and biological function of milk-derived miRNAs. 2017 , 61, 1700009		89
360	Exosomes in HIV infection: A review and critical look. 2017 , 53, 146-154		43
359	MicroRNAs in HPV associated cancers: small players with big consequences. 2017 , 17, 711-722		19
358	Exosomes: A Valuable Biomedical Tool in Biomarker Discovery and Development. 2017 , 50-63		2
357	Liquid Biopsies in Solid Tumors. 2017 ,		
356	Exosomes: The Next Small Thing. 2017 , 139-155		
355	Insight into pathogenesis of Sjögren's syndrome: Dissection on autoimmune infiltrates and epithelial cells. 2017 , 182, 30-40		44
354	Salivary Diagnostics Using Purified Nucleic Acids. 2017 , 1537, 3-15		4

353	Exosomes and Microvesicles. 2017 ,	7
352	Nanomaterials for In Vivo Imaging. 2017 , 117, 901-986	675
351	Isolation of Exosomes and Microvesicles from Cell Culture Systems to Study Prion Transmission. 2017 , 1545, 153-176	16
350	MicroRNAs: A novel potential biomarker for diagnosis and therapy in patients with non-small cell lung cancer. 2017 , 50,	71
349	MicroRNAs in glioblastoma pathogenesis and therapy: A comprehensive review. 2017 , 120, 22-33	71
348	Epigenetics: The Future Direction in Systemic Sclerosis. 2017 , 86, 427-435	9
347	Inhibition of the miR-17-92 Cluster Separates Stages of Palatogenesis. 2017 , 96, 1257-1264	19
346	Extracellular vesicles in renal disease. 2017 , 13, 545-562	158
345	Tiny RNAs and their voyage via extracellular vesicles: Secretion of bacterial small RNA and eukaryotic microRNA. 2017 , 242, 1475-1481	40
344	Exosomal microRNA communication between tissues during organogenesis. 2017 , 14, 1683-1689	33
343	Comparing serum microRNA levels of acute herpes zoster patients with those of postherpetic neuralgia patients. 2017 , 96, e5997	12
342	Quantification of microRNAs directly from body fluids using a base-stacking isothermal amplification method in a point-of-care device. 2017 , 19, 45	5
341	The emergent role of exosomes in glioma. 2017 , 35, 13-23	86
340	Advances in exosome quantification techniques. 2017 , 86, 93-106	48
339	Primary Sjögren's syndrome: clinical phenotypes, outcome and the development of biomarkers. 2017 , 65, 331-344	23
338	The tammar wallaby: A marsupial model to examine the timed delivery and role of bioactives in milk. 2017 , 244, 164-177	15
337	Characterization of Membrane Integrity and Morphological Stability of Human Salivary Exosomes. 2017 , 40, 1183-1191	33
336	Exosomes: A Rising Star in Falling Hearts. 2017 , 8, 494	31

335	Tumour-derived exosomes as a signature of pancreatic cancer - liquid biopsies as indicators of tumour progression. 2017 , 8, 17279-17291	55
334	Association of Extracellular Membrane Vesicles with Cutaneous Wound Healing. 2017 , 18,	40
333	Cross Talk between Adipose Tissue and Placenta in Obese and Gestational Diabetes Mellitus Pregnancies Exosomes. 2017 , 8, 239	50
332	Small Luggage for a Long Journey: Transfer of Vesicle-Enclosed Small RNA in Interspecies Communication. 2017 , 8, 377	23
331	Role of TIM-4 in exosome-dependent entry of HIV-1 into human immune cells. 2017 , 12, 4823-4833	35
330	A Looking-Glass of Non-coding RNAs in oral cancer. 2017 , 18,	38
329	Role of exosomal proteins in cancer diagnosis. 2017 , 16, 145	191
328	Saliva-Exosomics in Cancer: Molecular Characterization of Cancer-Derived Exosomes in Saliva. 2017 , 42, 125-151	43
327	Exosome-Based Delivery of miR-124 in a Huntington's Disease Model. 2017 , 10, 45-52	72
326	Biomarkers for Sjögren's syndrome. 2018 , 12, 275-286	31
325	Liquid Biopsy in Head and Neck Cancer: Promises and Challenges. 2018 , 97, 701-708	57
324	Simultaneous isolation and preconcentration of exosomes by ion concentration polarization. 2018 , 39, 2029	45
323	MicroRNAs in equine veterinary science. 2018 , 50, 721-726	5
322	Tumor-Derived Exosomal Long Noncoding RNAs as Promising Diagnostic Biomarkers for Prostate Cancer. 2018 , 46, 532-545	56
321	The exosome of adipose-derived stem cells reduces amyloid pathology and apoptosis of neuronal cells derived from the transgenic mouse model of Alzheimer's disease. 2018 , 1691, 87-93	48
320	Comparative Proteomic Analysis of Exosomes and Microvesicles in Human Saliva for Lung Cancer. 2018 , 17, 1101-1107	84
319	Genome-wide microRNA profiling of bovine milk-derived exosomes infected with Staphylococcus aureus. 2018 , 23, 663-672	38
318	Respiratory Syncytial Virus Infection Changes Cargo Composition of Exosome Released from Airway Epithelial Cells. 2018 , 8, 387	51

317	Salivary extracellular vesicle-associated miRNAs as potential biomarkers in oral squamous cell carcinoma. 2018 , 18, 439	76
316	Review: Isolation and Detection of Tumor-Derived Extracellular Vesicles. 2018 , 1, 2004-2020	29
315	[Influence of epigenetic in Sjögren's syndrome]. 2018 , 39, 346-351	5
314	MicroRNAs in Psychological Stress Reactions and Their Use as Stress-Associated Biomarkers, Especially in Human Saliva. 2017 , 2, 1-15	11
313	Role of microRNAs in doxorubicin-induced cardiotoxicity: an overview of preclinical models and cancer patients. 2018 , 23, 109-122	53
312	Circulating MicroRNA Profiling in Cancer Biomarker Discovery. 2018 ,	
311	Validation of a Salivary RNA Test for Childhood Autism Spectrum Disorder. 2018 , 9, 534	24
310	Exosomes and Exosome-Inspired Vesicles for Targeted Drug Delivery. 2018 , 10,	237
309	The presence of extracellular microRNAs in the media of cultured Drosophila cells. 2018 , 8, 17312	10
308	Liver-Derived Exosomes and Their Implications in Liver Pathobiology. 2018 , 19,	42
307	Toll-Like Receptor Stimulation by MicroRNAs in Acute Graft-vs.-Host Disease. 2018 , 9, 2561	5
306	Medicinal Leech CNS as a Model for Exosome Studies in the Crosstalk between Microglia and Neurons. 2018 , 19,	18
305	Large Extracellular Vesicles: Have We Found the Holy Grail of Inflammation?. 2018 , 9, 2723	71
304	Extracellular Vesicles and the Promise of Continuous Liquid Biopsies. 2018 , 52, 1-8	57
303	Circular RNA in Saliva. 2018 , 1087, 131-139	23
302	Differential Expression of Keratinocyte-Derived Extracellular Vesicle Mirnas Discriminate Exosomes From Apoptotic Bodies and Microvesicles. 2018 , 9, 535	17
301	Connexins and Atrial Fibrillation in Obstructive Sleep Apnea. 2018 , 4, 300-311	6
300	MicroRNAs as Biomarkers of B-cell Lymphoma. 2018 , 13, 1177271918806840	18

299	Exosomes as Biomarker of Cancer. 2018 , 61,	8
298	Exosomes: Cellular capsules for drug delivery in Parkinson's disease. 2018 , 91-151	3
297	Human salivary microRNAs in Cancer. 2018 , 9, 638-649	43
296	Downregulation of microRNA-30a in bronchoalveolar lavage fluid from idiopathic pulmonary fibrosis patients. 2018 , 18, 5799-5806	9
295	Host Cell Prediction of Exosomes Using Morphological Features on Solid Surfaces Analyzed by Machine Learning. 2018 , 122, 6224-6235	9
294	Combining micro-RNA and protein sequencing to detect robust biomarkers for Graves' disease and orbitopathy. 2018 , 8, 8386	17
293	Salivary Gland Secretion. 2018 , 813-830	0
292	Identification of RNA-binding proteins in exosomes capable of interacting with different types of RNA: RBP-facilitated transport of RNAs into exosomes. 2018 , 13, e0195969	107
291	Distance running alters peripheral microRNAs implicated in metabolism, fluid balance, and myosin regulation in a sex-specific manner. 2018 , 50, 658-667	12
290	Extracellular vesicles and their nucleic acids for biomarker discovery. 2018 , 192, 170-187	49
289	Salivary Exosome and Cell-Free DNA for Cancer Detection. 2018 , 9,	28
288	Stress-associated changes in salivary microRNAs can be detected in response to the Trier Social Stress Test: An exploratory study. 2018 , 8, 7112	17
287	Microfluidics-based on-a-chip systems for isolating and analysing extracellular vesicles. 2018 , 7, 1508271	82
286	Primary Sjögren's Syndrome and Epigenetics. 2018 , 221-239	
285	Exosome-specific tumor diagnosis via biomedical analysis of exosome-containing microRNA biomarkers. 2019 , 144, 5856-5865	20
284	Extracellular RNA: mechanisms of its transporting into target cells. 2019 , 1,	5
283	Analysis of circulating non-coding RNAs in a non-invasive and cost-effective manner. 2019 , 117, 242-262	9
282	MicroRNAs and its emerging role as breast cancer diagnostic marker- A review. 2019 , 1, 1-8	14

281	The circulating exosomal microRNAs related to albuminuria in patients with diabetic nephropathy. 2019 , 17, 236	37
280	An aptasensor based on upconversion nanoparticles as LRET donors for the detection of exosomes. 2019 , 298, 126900	19
279	Circulating miRNAs in Untreated Breast Cancer: An Exploratory Multimodality Morpho-Functional Study. 2019 , 11,	12
278	Extracellular Vesicles in Cancer Immune Microenvironment and Cancer Immunotherapy. 2019 , 6, 1901779	95
277	CD4 T Cell-Released Extracellular Vesicles Potentiate the Efficacy of the HBsAg Vaccine by Enhancing B Cell Responses. 2019 , 6, 1802219	16
276	MicroRNAs as Diagnostic, Prognostic, and Therapeutic Biomarkers in Prostate Cancer. 2019 , 29, 127-139	44
275	Extracellular miRNAs as Biomarkers of Head and Neck Cancer Progression and Metastasis. 2019 , 20,	14
274	Systematic characterization of extracellular vesicle sorting domains and quantification at the single molecule - single vesicle level by fluorescence correlation spectroscopy and single particle imaging. 2019 , 8, 1663043	51
273	Epigenetic Modifications in Generalized Autoimmune Epithelitis: Sjögren's Syndrome and Primary Biliary Cholangitis.. 2019 , 3,	3
272	Biology, Pathophysiological Role, and Clinical Implications of Exosomes: A Critical Appraisal. 2019 , 8,	43
271	Role of Saliva and Salivary Diagnostics in the Advancement of Oral Health. 2019 , 98, 133-141	66
270	The Role of Angiogenesis and Pro-Angiogenic Exosomes in Regenerative Dentistry. 2019 , 20,	29
269	Potential therapeutic applications of exosomes in different autoimmune diseases. 2019 , 205, 116-124	33
268	Salivary Extracellular Vesicle-Associated exRNA as Cancer Biomarker. 2019 , 11,	23
267	Exosomes as Emerging Pro-Tumorigenic Mediators of the Senescence-Associated Secretory Phenotype. 2019 , 20,	33
266	Sjögren's Syndrome. 2019 , 53-94	1
265	Extracellular vesicle microRNA quantification from plasma using an integrated microfluidic device. 2019 , 2, 189	47
264	miRNAs as novel biomarkers for bone related diseases. 2019 , 4, 2-2	9

263	Intriguing circles: Conflicts and controversies in circular RNA research. 2019 , 10, e1538	57
262	Surface Engineering of Extracellular Vesicles through Chemical and Biological Strategies 2019 , 31, 2191-2201	24
261	Poly ADP ribosylation and extracellular vesicle activity in rod photoreceptor degeneration. 2019 , 9, 3758	12
260	Recent trends of saliva omics biomarkers for the diagnosis and treatment of oral cancer. 2019 , 61, 84-94	10
259	A cell ELISA based method for exosome detection in diagnostic and therapeutic applications. 2019 , 41, 523-531	24
258	The role of exosome in autoimmune connective tissue disease. 2019 , 51, 101-108	18
257	Exosome nanocarriers: A natural, novel, and perspective approach in drug delivery system. 2019 , 189-218	1
256	Detection of Exosomal PD-L1 RNA in Saliva of Patients With Periodontitis. 2019 , 10, 202	35
255	Exosomes on the border of species and kingdom intercommunication. 2019 , 210, 80-98	14
254	Microbe-Host Communication by Small RNAs in Extracellular Vesicles: Vehicles for Transkingdom RNA Transportation. 2019 , 20,	38
253	Salivary Exosomes as Nanocarriers for Cancer Biomarker Delivery. 2019 , 12,	34
252	MicroRNAs in diagnosis and therapeutics. 2019 , 137-177	8
251	Extracellular RNA in renal diseases. 2019 , 1,	1
250	References. 2019 , 415-510	
249	. 2019 ,	7
248	Exosomes derived from platelet-rich plasma present a novel potential in alleviating knee osteoarthritis by promoting proliferation and inhibiting apoptosis of chondrocyte via Wnt/ β -catenin signaling pathway. 2019 , 14, 470	38
247	Downregulation of exosomal miR-192-5p and miR-204-5p in subjects with nonclassic apparent mineralocorticoid excess. 2019 , 17, 392	9
246	Expression Profiling of Exosomal miRNAs Derived from the Aqueous Humor of Myopia Patients. 2019 , 249, 213-221	10

245	Cell-Free microRNAs as Potential Oral Cancer Biomarkers: From Diagnosis to Therapy. 2019 , 8,	15
244	The circulating miRNAs as diagnostic and prognostic markers. 2019 , 57, 932-953	23
243	Extracellular Vesicles as Conduits of Non-Coding RNA Emission and Intercellular Transfer in Brain Tumors. 2018 , 5,	23
242	Potential biomarkers to detect traumatic brain injury by the profiling of salivary extracellular vesicles. 2019 , 234, 14377-14388	28
241	A Label-Free Platform for Identification of Exosomes from Different Sources. 2019 , 4, 488-497	60
240	liqDB: a small-RNaseq knowledge discovery database for liquid biopsy studies. 2019 , 47, D113-D120	6
239	Extracellular vesicle secretion of miR-142-3p from lung adenocarcinoma cells induces tumor promoting changes in the stroma through cell-cell communication. 2019 , 58, 376-387	36
238	Sjögren Syndrome. 2019 , 735-742.e1	1
237	Exosomal biomarkers in oral diseases. <i>Oral Diseases</i> , 2019 , 25, 10-15	3-5 9
236	MiR-548a-3p regulates inflammatory response via TLR4/NF- κ B signaling pathway in rheumatoid arthritis. 2018 , 120, 1133	44
235	Emerging therapeutic roles of exosomes in HIV-1 infection. 2020 , 147-178	4
234	Tumor Liquid Biopsies. 2020 ,	5
233	Cluster miRNAs and cancer: Diagnostic, prognostic and therapeutic opportunities. 2020 , 11, e1563	19
232	Exosomes and other extracellular vesicles in oral and salivary gland cancers. <i>Oral Diseases</i> , 2020 , 26, 865-875	12
231	Genomic foundation for medical and oral disease translation to clinical assessment. 2020 , 17-92	
230	Salivary exosomal miR-24-3p serves as a potential detective biomarker for oral squamous cell carcinoma screening. 2020 , 121, 109553	62
229	An overview of current knowledge in biological functions and potential theragnostic applications of exosomes. 2020 , 226, 104836	24
228	Exosomes: Current use and future applications. 2020 , 500, 226-232	49

227	Enhanced paper-based ELISA for simultaneous EVs/exosome isolation and detection using streptavidin agarose-based immobilization. 2019 , 145, 157-164	28
226	Acoustofluidic Salivary Exosome Isolation: A Liquid Biopsy Compatible Approach for Human Papillomavirus-Associated Oropharyngeal Cancer Detection. 2020 , 22, 50-59	50
225	Biocatalytic Amplification of UV Signal in Capillary Electrophoresis of MicroRNA. 2019 , 21,	3
224	Mesenchymal Stem Cell-Derived Exosomes: A Potential Therapeutic Avenue in Knee Osteoarthritis. 2020 , 1947603520962567	6
223	Differential Expression of microRNA Profiles and Signals in Stem Cell-Derived Exosomes During Dopaminergic Neuron Differentiation. 2020 ,	1
222	Isolation, characterisation and detection of breath-derived extracellular vesicles. 2020 , 10, 17381	3
221	Role of Extracellular Vesicles in Autoimmune Pathogenesis. 2020 , 11, 579043	11
220	Role and mechanisms of exosomal miRNAs in IBD pathophysiology. 2020 , 319, G646-G654	7
219	Extracellular RNA: Emerging roles in cancer cell communication and biomarkers. 2020 , 495, 33-40	5
218	Application of salivary noncoding microRNAs for the diagnosis of oral cancers. 2020 , 42, 3072-3083	4
217	Salivary exosomes: properties, medical applications, and isolation methods. 2020 , 47, 6295-6307	14
216	Exosome: a significant nano-scale drug delivery carrier. 2020 , 8, 7591-7608	38
215	Technical and Methodological Aspects of Cell-Free Nucleic Acids Analyzes. 2020 , 21,	13
214	Extracellular vesicles as potential biomarkers and therapeutic approaches in autoimmune diseases. 2020 , 18, 432	11
213	MicroRNAs from Liquid Biopsy Derived Extracellular Vesicles: Recent Advances in Detection and Characterization Methods. 2020 , 12,	21
212	Emerging role of exosomes in craniofacial and dental applications. 2020 , 10, 8648-8664	17
211	Utility of the Omics in kidney disease: Methods of analysis, sampling considerations, and technical approaches in renal biomarkers. 2020 , 19-153	
210	The proteomic analysis of breast cell line exosomes reveals disease patterns and potential biomarkers. 2020 , 10, 13572	31

209	Recent Advances in the Use of Exosomes in Sjögren's Syndrome. 2020 , 11, 1509	10
208	The Role of Exosomes in the Crosstalk between Adipocytes and Liver Cancer Cells. 2020 , 9,	9
207	Distinct microRNA expression profiles in saliva and salivary gland tissue differentiate patients with primary Sjögren's syndrome from non-Sjögren's sicca patients. 2020 , 49, 1044-1052	5
206	Plasma- and Saliva Exosome Profile Reveals a Distinct MicroRNA Signature in Chronic Periodontitis. 2020 , 11, 587381	14
205	The versatile roles and clinical implications of exosomal mRNAs and microRNAs in cancer. 2020 , 35, 3-19	4
204	Extracellular Vesicle- and Extracellular Vesicle Mimetics-Based Drug Delivery Systems: New Perspectives, Challenges, and Clinical Developments. 2020 , 12,	34
203	Detection of Secretion of Exosomes from Individual Cell in Real-Time by Multifunctional Nanoelectrode-Nanopore Nanopipettes. 2020 , 48, e20061-e20068	3
202	Non-coding RNAs and Exosomes: Their Role in the Pathogenesis of Sepsis. 2020 , 21, 51-74	65
201	Exosomes: roles and therapeutic potential in osteoarthritis. 2020 , 8, 25	64
200	The function and clinical application of extracellular vesicles in innate immune regulation. 2020 , 17, 323-334	85
199	Electrochemical Sensing of Exosomal MicroRNA Based on Hybridization Chain Reaction Signal Amplification with Reduced False-Positive Signals. 2020 , 92, 5302-5310	56
198	Exosomes Could Offer New Options to Combat the Long-Term Complications Inflicted by Gestational Diabetes Mellitus. 2020 , 9,	11
197	Extracellular vesicles based electrochemical biosensors for detection of cancer cells: A review. 2020 , 31, 1737-1745	22
196	Differential Wound Healing Capacity of Mesenchymal Stem Cell-Derived Exosomes Originated From Bone Marrow, Adipose Tissue and Umbilical Cord Under Serum- and Xeno-Free Condition. 2020 , 7, 119	32
195	Extracellular Vesicles in Cancer Metastasis: Potential as Therapeutic Targets and Materials. 2020 , 21,	15
194	MicroRNA expression profile in extracellular vesicles derived from ALV-J infected chicken semen. 2020 , 286, 198083	1
193	Overcoming challenges in human saliva gene expression measurements. 2020 , 10, 11147	17
192	Exosomes: Salivary Biomarkers?. 2020 , 19, 667-672	1

191	From laboratory to clinic: Translation of extracellular vesicle based cancer biomarkers. 2020 , 177, 58-66	25
190	Overview of current microRNA biomarker signatures as potential diagnostic tools for leukaemic conditions. 2020 , 5, 22-26	12
189	Deleterious cardiovascular effect of exosome in digitalis-treated decompensated congestive heart failure. 2020 , 34, e22462	2
188	The role of exosomes in metastasis and progression of melanoma. 2020 , 85, 101975	41
187	Potential roles of extracellular vesicles in the pathophysiology, diagnosis, and treatment of autoimmune diseases. 2020 , 16, 620-632	34
186	A Role for Exosomes in Craniofacial Tissue Engineering and Regeneration. 2019 , 10, 1569	28
185	Intestinal effect of the probiotic strain Nissle 1917 and its OMV. 2020 , 19, 597-604	3
184	CNS-Derived Blood Exosomes as a Promising Source of Biomarkers: Opportunities and Challenges. 2020 , 13, 38	73
183	Identification and comparison of exosomal microRNAs in the milk and colostrum of two different cow breeds. 2020 , 743, 144609	12
182	Molecular signatures of extracellular vesicles in oral fluids of periodontitis patients. <i>Oral Diseases</i> , 2020 , 26, 1318	3,5 11
181	Tumor circulome in the liquid biopsies for cancer diagnosis and prognosis. 2020 , 10, 4544-4556	43
180	Blood flow-restricted resistance exercise alters the surface profile, miRNA cargo and functional impact of circulating extracellular vesicles. 2020 , 10, 5835	16
179	Extracellular vesicle-based therapeutics for the regeneration of chronic wounds: current knowledge and future perspectives. 2021 , 119, 42-56	18
178	Comprehensive analysis and comparison of proteins in salivary exosomes of climacteric and adolescent females. 2021 , 109, 82-102	2
177	Potential Roles of Adipocyte Extracellular Vesicle-Derived miRNAs in Obesity-Mediated Insulin Resistance. 2021 , 12, 566-574	8
176	Biomarkers in ovarian cancer and saliva: An update. 2, 1	0
175	Introduction to the Community of Extracellular Vesicles. 2021 , 97, 3-18	4
174	Quantitative Real-Time PCR as a Novel Detection Method for Micro-RNAs Expressed by Cervical Cancer Tissue: A Review. 2021 , 09, 100-115	

173	Study of microRNAs carried by exosomes. 2021 , 165, 187-197	0
172	Extracellular Vesicles in Viral Pathogenesis: A Case of Dr. Jekyll and Mr. Hyde. 2021 , 11,	5
171	The Evolving Landscape of Exosomes in Neurodegenerative Diseases: Exosomes Characteristics and a Promising Role in Early Diagnosis. 2021 , 22,	25
170	Salivary Biomarkers for Non-invasive Early Detection of Head and Neck Cancer. 2021 , 149-166	0
169	Function of exosomes in neurological disorders and brain tumors. 2021 , 2, 55-79	2
168	Circulating Biomarkers in Head and Neck Cancer. 2021 , 123-142	
167	Longitudinal saliva omics responses to immune perturbation: a case study. 2021 , 11, 710	2
166	Exosomes and cancer: from molecular mechanisms to clinical applications. 2021 , 38, 45	15
165	The emerging role of exosomal miRNAs as a diagnostic and therapeutic biomarker in Mycobacterium tuberculosis infection. 2021 , 27, 34	8
164	Exosomal therapy-a new frontier in regenerative medicine. 2021 , 8, 7	7
163	The usefulness of microRNA in urine and saliva as a biomarker of gastroenterological cancer. 2021 , 26, 1431-1440	5
162	The Salivary miRNome: A Promising Biomarker of Disease. 2021 , 10, 29-38	2
161	The role of salivary vesicles as a potential inflammatory biomarker to detect traumatic brain injury in mixed martial artists. 2021 , 11, 8186	6
160	Importance of Bioactive Substances in Sheep's Milk in Human Health. 2021 , 22,	4
159	Diagnostic Value of Salivary miRNA in Head and Neck Squamous Cell Cancer: Systematic Review and Meta-Analysis. 2021 , 22,	3
158	Tick extracellular vesicles enable arthropod feeding and promote distinct outcomes of bacterial infection. 2021 , 12, 3696	8
157	Exosomal circRNA as a novel potential therapeutic target for multiple myeloma-related myocardial damage. 2021 , 21, 311	8
156	Multiplex protein profiling method for extracellular vesicle protein detection. 2021 , 11, 12477	1

155	Biodistribution of Exosomes and Engineering Strategies for Targeted Delivery of Therapeutic Exosomes. 2021 , 18, 499-511	14
154	miREV: An Online Database and Tool to Uncover Potential Reference RNAs and Biomarkers in Small-RNA Sequencing Data Sets from Extracellular Vesicles Enriched Samples. 2021 , 433, 167070	2
153	Salivary miR-30c-5p as Potential Biomarker for Detection of Oral Squamous Cell Carcinoma. 2021 , 9,	3
152	The Pannexin 1/Purinergic Receptor P2X4 Pathway Controls the Secretion of MicroRNA-Containing Exosomes by HCV-Infected Hepatocytes. 2021 , 74, 3409-3426	2
151	Exosomes in the pathogenesis and treatment of ocular diseases. 2021 , 209, 108626	2
150	Radiomics, mirnomics, and radiomirRNomics in glioblastoma: defining tumor biology from shadow to light. 2021 , 21, 1265-1272	1
149	An integrated workflow for biomarker development using microRNAs in extracellular vesicles for cancer precision medicine. 2021 , 74, 134-155	4
148	The pathogenic, therapeutic and diagnostic role of exosomal microRNA in the autoimmune diseases. 2021 , 358, 577640	13
147	Biogenesis of Extracellular Vesicles. 2021 , 97, 19-43	9
146	Therapeutic potential of cannabinoids in combination cancer therapy. 2021 , 79, 100774	9
145	Biomarkers of Traumatic Injury. 2012 , 337-355	3
144	Analysis of Micro-RNA Expression by qPCR on a Microfluidics Platform for Alzheimer's Disease Biomarker Discovery. 2018 , 1750, 283-292	4
143	Techniques Associated with Exosome Isolation for Biomarker Development: Liquid Biopsies for Ovarian Cancer Detection. 2020 , 2055, 181-199	5
142	Circulating miRNAs as Biomarker in Cancer. 2020 , 215, 277-298	19
141	Lichen Planus. 2015 , 185-217	2
140	Evaluation of circulating microRNA expression in patients with trigeminal neuralgia: An observational study. 2020 , 99, e22972	5
139	T cell exosome-derived miR-142-3p impairs glandular cell function in Sjögren's syndrome. 2020 , 5,	19
138	Clinical applications of microRNAs. 2013 , 2, 136	109

137	Real-time PCR-based analysis of the human bile microRNAome identifies miR-9 as a potential diagnostic biomarker for biliary tract cancer. 2011 , 6, e23584	100
136	Plasma microRNA profiles in rat models of hepatocellular injury, cholestasis, and steatosis. 2012 , 7, e30250	74
135	The majority of microRNAs detectable in serum and saliva is concentrated in exosomes. 2012 , 7, e30679	721
134	Salivary microRNAs as promising biomarkers for detection of esophageal cancer. 2013 , 8, e57502	103
133	Altered microRNA expression profile in exosomes during osteogenic differentiation of human bone marrow-derived mesenchymal stem cells. 2014 , 9, e114627	156
132	Predictive biomarkers in the treatment of acromegaly: a review of the literature. 2019 , 74, 430-440	2
131	Selective extracellular vesicle exclusion of miR-142-3p by oral cancer cells promotes both internal and extracellular malignant phenotypes. 2017 , 8, 15252-15266	47
130	Salivary microRNAs as new molecular markers in cleft lip and palate: a new frontier in molecular medicine. 2018 , 9, 18929-18938	19
129	Serum miR-206 as a biomarker for drug-induced skeletal muscle injury in rats. 2020 , 45, 503-513	1
128	miR-15b and miR-21 as Circulating Biomarkers for Diagnosis of Glioma. 2015 , 16, 304-11	59
127	Salivary mir-27b Expression in Oral Lichen Planus Patients: A Series of Cases and a Narrative Review of Literature. 2019 , 19, 2816-2823	9
126	Salivary markers for oral cancer detection. 2010 , 4, 172-8	52
125	Sources, isolation strategies and therapeutic outcome of exosomes at a glance. 2020 , 15, 2361-2378	1
124	Salivary MicroRNA for Diagnosis of Cancer and Systemic Diseases: A Systematic Review. 2020 , 21,	29
123	Circulating exosomal miRNAs as potential biomarkers for Barrett's esophagus and esophageal adenocarcinoma. 2020 , 26, 2889-2901	10
122	[Advances of lentiviral vectors]. 2014 , 17, 870-6	1
121	Purification and Analysis of Caenorhabditis elegans Extracellular Vesicles. 2020 ,	3
120	MicroRNAs and esophageal cancer. 2010 , 1, 55-63	13

119	MicroRNAs - Biology and clinical applications. 2014 , 18, 229-34	73
118	Inflammation-related gene expression profiles of salivary extracellular vesicles in patients with head trauma. 2020 , 15, 676-681	10
117	Dichotomy of exosomes in oral squamous cell carcinoma: Prey or play!. 2019 , 23, 172-175	1
116	Exosomes derived from stem cells as an emerging therapeutic strategy for intervertebral disc degeneration. 2020 , 12, 803-813	9
115	Saliva supernatant miR-21: a novel potential biomarker for esophageal cancer detection. 2012 , 13, 6145-9	24
114	Gene co-expression network for analysis of plasma exosomal miRNAs in the elderly as markers of aging and cognitive decline. 2020 , 8, e8318	7
113	Secretory MicroRNAs by Exosomes as a Versatile Communication Tool. 2012 , 32, 158-161	3
112	The Emerging Role of Exosomes as Cancer Theranostics. 2021 , 297-315	
111	Diagnostic Role of Extracellular Vesicles in Cancer: A Comprehensive Systematic Review and Meta-Analysis. 2021 , 9, 705791	2
110	MicroRNAs in Predicting Radiotherapy and Chemotherapy Response. 2011 , 415-447	
109	Into the Future: Autonomic Neuropathy, MicroRNAs, and Gene Therapy. 2011 , 483-488	
108	MicroRNAs in Cancer. 2014 , 181-193	
107	Personalized Diagnosis and Therapy. 2015 , 1-127	
106	Extracellular Vesicles and Neurological Diseases. 2015 , 33, 75-81	
105	Personalized Diagnosis and Therapy. 2016 , 3167-3284	0
104	Translational Research and Immunotherapy in Lung Cancer. 2016 , 255-296	
103	Systems Biology: Salivary Gland Development, Disease, and Regenerative Medicine. 2017 , 23-44	
102	The role of microRNAs in oral lichenoid disorders. Systematic review. 2017 , 22, e548-e553	3

101	Molecular and Phylogenetic Analysis of Human Papillomavirus Using L1 Gene in Oral Squamous Cell Carcinoma Patients in Baghdad, Iraq. 2018 , 11, 725-733	
100	Longitudinal Saliva Omics Responses to Immune Perturbation: A Case Study.	
99	Next-generation sequencing analysis of exosomal microRNAs: <i>Fusobacterium nucleatum</i> regulates the expression profiling of exosomal microRNAs in human colorectal cancer cells. 2020 , 45, 134-142	
98	Non-cell-autonomous RNA interference in mammalian cells: Implications for in vivo cell-based RNAi delivery. 2011 , 7, 456-63	7
97	Differential microRNA expression in asthma and the role of miR-1248 in regulation of IL-5. 2012 , 1, 154-65	75
96	The relationship between amniotic fluid miRNAs and congenital obstructive nephropathy. 2017 , 9, 1754-1763	10
95	Extracellular vesicles in Inter-Kingdom communication in gastrointestinal cancer. 2021 , 11, 1087-1103	1
94	MiRNAs in Gestational Diabetes Mellitus: Potential Mechanisms and Clinical Applications. 2021 , 2021, 4632745	2
93	The Hidden Link of Exosomes to Head and Neck Cancer. 2021 , 13,	4
92	Extracellular Vesicles in Osteosarcoma: Antagonists or Therapeutic Agents?. 2021 , 22,	1
91	Smartphone-Based Electrochemical Biosensors for Directly Detecting Serum-Derived Exosomes and Monitoring Their Secretion.. 2022 ,	4
90	Emerging prospects of extracellular vesicles for brain disease theranostics.. 2021 ,	2
89	Long-range hydrodynamic communication among synthetic self-propelled micromotors. 2022 , 3, 100739	0
88	Recent advances in exosome analysis assisted by functional nucleic acid-based signal amplification technologies. 2022 , 149, 116549	0
87	Mesenchymal Stem-Cell Derived Exosome Therapy as a Potential Future Approach for Treatment of Male Infertility Caused by Infection.. 2021 , 12, 785622	0
86	Potential Application of Exosomes in Vaccine Development and Delivery.. 2022 , 1	1
85	Targeted Delivery of Exosomes Armed with Anti-Cancer Therapeutics.. 2022 , 12,	5
84	Overcoming the blood-brain barrier by using a multistage exosome delivery system to inhibit central nervous system lymphoma.. 2022 , 102523	0

83	Hyper-inflammatory responses in COVID-19 and anti-inflammatory therapeutic approaches. 2022 , 55, 11-19	3
82	Extracellular vesicles and exosome: insight from physiological regulatory perspectives.. 2022 , 1	2
81	Novel plasma exosome biomarkers for prostate cancer progression in co-morbid metabolic disease.	0
80	Exosomes as Natural Nanocarriers for RNA-Based Therapy and Prophylaxis.. 2022 , 12,	3
79	Examining potential confounding factors in gene expression analysis of human saliva and identifying potential housekeeping genes.. 2022 , 12, 2312	2
78	Salivary miR-31-5p, miR-345-3p, and miR-424-3p Are Reliable Biomarkers in Patients with Oral Squamous Cell Carcinoma.. 2022 , 11,	0
77	MicroRNAs in Cancer. 2022 , 317-340	
76	Physical Activity Modulates miRNAs Levels and Enhances MYOD Expression in Myoblasts.. 2022 , 1	0
75	Exosomes as bio-inspired nanocarriers for RNA delivery: preparation and applications.. 2022 , 20, 125	6
74	Saliva Based Liquid Biopsies in Head and Neck Cancer: How Far Are We From the Clinic?. 2022 , 12, 828434	4
73	Exosomal LINC01213 Plays a Role in the Transition of Androgen-Dependent Prostate Cancer Cells into Androgen-Independent Manners.. 2022 , 2022, 8058770	0
72	Circular RNA as a Novel Biomarker for Diagnosis and Prognosis and Potential Therapeutic Targets in Multiple Myeloma.. 2022 , 14,	2
71	Presence of Crkl-containing microvesicles in squamous cell carcinomas could have ramifications on tumor biology and cancer therapeutics.. 2022 , 12, 4803	
70	Technological Approaches in the Analysis of Extracellular Vesicle Nucleotide Sequences.. 2021 , 9, 787551	0
69	Image_1.pdf. 2018 ,	
68	Image_2.pdf. 2018 ,	
67	Table_1.DOCX. 2018 ,	
66	Table_2.docx. 2018 ,	

65 Table_3.docx. **2018**,

64 Table_4.docx. **2018**,

63 Table_5.docx. **2018**,

62 Data_Sheet_1.DOCX. **2018**,

61 Image_1.JPEG. **2018**,

60 Image_2.JPEG. **2018**,

59 Image_3.JPEG. **2018**,

58 Image_4.JPEG. **2018**,

57 Image_5.JPEG. **2018**,

56 Image_6.JPEG. **2018**,

55 Image_7.JPEG. **2018**,

54 Image_1.TIF. **2020**,

53 Table_1.DOCX. **2020**,

52 Hyper-inflammatory responses in COVID-19 and anti-inflammatory therapeutic approaches.. **2021**,

51 Integrated Multiomics Analysis of Salivary Exosomes to Identify Biomarkers Associated with Changes in Mood States and Fatigue.. **2022**, 23, ○

50 Current Scientific Research Trends on Salivary Biomarkers: A Bibliometric Analysis. **2022**, 12, 1171 ○

49 Salivary TIMP1 and predicted mir-141, possible transcript biomarkers for estrus in the buffalo (*Bubalus bubalis*).. **2022**, 22, 100641

48 The Emerging Role of Non-Coding RNAs in Osteogenic Differentiation of Human Bone Marrow Mesenchymal Stem Cells. **2022**, 10,

47	Pivoting Novel Exosome-Based Technologies for the Detection of SARS-CoV-2. 2022 , 14, 1083	
46	Quantitative Biodistribution and Pharmacokinetics Study of GMP-Grade Exosomes Labeled with ⁸⁹ Zr Radioisotope in Mice and Rats. 2022 , 14, 1118	2
45	Research status and future prospects of extracellular vesicles in primary Sjögren's syndrome. 2022 , 13,	2
44	The Role of Small Extracellular Vesicles and MicroRNAs in the Diagnosis and Treatment of Allergic Rhinitis and Nasal Polyps. 2022 , 2022, 1-9	0
43	Circulating long noncoding RNAs as novel bio-tools: Focus on autoimmune diseases. 2022 ,	1
42	Saliva Diagnostics. 2022 , 15, 107-121	1
41	Advances in the Regulation of Macrophage Polarization by Mesenchymal Stem Cells and Implications for ALI/ARDS Treatment. 13,	0
40	Cargo and Functional Profile of Saliva-Derived Exosomes Reveal Biomarkers Specific for Head and Neck Cancer. 9,	0
39	Quantitative analysis of exosomes in the aqueous humor of Korean patients with pseudoexfoliation glaucoma. 2022 , 12,	0
38	Circulating salivary and serum miRNA-182, 320a, 375 and 503 expression levels in type 2 diabetes.	
37	Comparison of plasma- and saliva-derived exosomal miRNA profiles reveals diagnostic potential in head and neck cancer. 10,	1
36	Hsa-mir-135a Shows Potential as A Putative Diagnostic Biomarker in Saliva and Plasma for Endometriosis. 2022 , 12, 1144	0
35	Nanovesicles for targeting autoimmune diseases. 2022 , 421-440	0
34	Current perspectives on clinical use of exosomes as novel biomarkers for cancer diagnosis. 12,	1
33	Exosome-Derived microRNAs from Mouthrinse Have the Potential to Be Novel Biomarkers for Sjögren Syndrome. 2022 , 12, 1483	0
32	The role and application of small extracellular vesicles in breast cancer. 12,	0
31	Is there a potential of circulating miRNAs as biomarkers in rheumatic diseases?. 2022 ,	0
30	MicroRNAs as the pivotal regulators of Forkhead box protein family during gastrointestinal tumor progression and metastasis. 2022 , 101694	0

29	Optimization of a method for the clinical detection of serum exosomal miR-940 as a potential biomarker of breast cancer. 12,	0
28	Isolation of Extracellular Vesicles from human plasma samples: The importance of controls.	0
27	Extracellular vesicles biogenesis, isolation, manipulation and genetic engineering for potential in vitro and in vivo therapeutics: An overview. 10,	1
26	Optical collection of extracellular vesicles in a culture medium enhanced by interactions with gold nanoparticles.	0
25	Novel plasma exosome biomarkers for prostate cancer progression in co-morbid metabolic disease. 2022 , 6, 100073	0
24	Apparent Mineralocorticoid Excess. 2022 , 1-34	0
23	Therapeutic and diagnostic potential of extracellular vesicles in amyotrophic lateral sclerosis. 2023 , 2, 100019	0
22	Exosomal MicroRNA Profiling. 2023 , 13-47	0
21	Exosomes Released by Influenza-Virus-Infected Cells Carry Factors Capable of Suppressing Immune Defense Genes in Naïve Cells. 2022 , 14, 2690	0
20	Exosomes as biomarkers and therapeutic delivery for autoimmune diseases: Opportunities and challenges. 2022 , 103260	0
19	Proteomic profiling of exosomes derived from pancreatic beta-cells cultured under hyperglycemia. 2022 , 18, 151-157	1
18	Toward Personalized Nanomedicine: The Critical Evaluation of Micro and Nanodevices for Cancer Biomarker Analysis in Liquid Biopsy. 2205856	0
17	An Overview of the Dry Eye Disease in Sjögren's Syndrome Using Our Current Molecular Understanding. 2023 , 24, 1580	2
16	Infant Saliva Levels of microRNA miR-151a-3p Are Associated with Risk for Neurodevelopmental Delay. 2023 , 24, 1476	0
15	Current Advances in Technologies for Single Extracellular Vesicle Analysis and Its Clinical Applications in Cancer Diagnosis. 2023 , 13, 129	0
14	Promising applications of human-derived saliva biomarker testing in clinical diagnostics. 2023 , 15,	1
13	Surface modulation of extracellular vesicles with cell-penetrating peptide-conjugated lipids for improvement of intracellular delivery to endothelial cells. 2023 , 22, 90-98	0
12	Melatonin: a potential therapeutic approach for the management of primary Sjögren's syndrome.	0

- 11 Metabolomic signatures distinguish extracellular vesicles from osteoclasts and odontoclasts. ○
- 10 Extracellular Vesicle-microRNAs as Diagnostic Biomarkers in Preterm Neonates. **2023**, 24, 2622 ○
- 9 Characterization of large extracellular vesicles (L-EV) derived from human regulatory macrophages (Mreg): novel mediators in wound healing and angiogenesis?. **2023**, 21, ○
- 8 Current developments and therapeutic potentials of exosomes from induced pluripotent stem cells-derived mesenchymal stem cells. **2023**, 86, 356-365 ○
- 7 Exosome-Based Carrier for RNA Delivery: Progress and Challenges. **2023**, 15, 598 1
- 6 Exploiting the biogenesis of extracellular vesicles for bioengineering and therapeutic cargo loading. **2023**, ○
- 5 Molecular Pathways Implicated in Radioresistance of Glioblastoma Multiforme: What Is the Role of Extracellular Vesicles?. **2023**, 24, 4883 ○
- 4 Extracellular vesicles as a new horizon in the diagnosis and treatment of inflammatory eye diseases: A narrative review of the literature. 14, ○
- 3 Cardiotoxicity: Importance of biomarkers. **2023**, 73, 1-16 ○
- 2 Salivary Exosomes in Health and Disease: Future Prospects in the Eye. **2023**, 24, 6363 ○
- 1 Isolation of extracellular vesicles from human plasma samples: The importance of controls. ○