

Chamindie K Punyadeera

List of Publications by Citations

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

94
papers

3,221
citations

31
h-index

54
g-index

105
ext. papers

4,103
ext. citations

5
avg, IF

5.65
L-index

#	Paper	IF	Citations
94	Diagnostic potential of saliva: current state and future applications. <i>Clinical Chemistry</i> , 2011 , 57, 675-87	5.5	462
93	Diagnostics for SARS-CoV-2 infections. <i>Nature Materials</i> , 2021 , 20, 593-605	27	186
92	Evaluation of saliva collection devices for the analysis of proteins. <i>Clinica Chimica Acta</i> , 2012 , 413, 1066-70	10.2	107
91	A novel saliva-based microRNA biomarker panel to detect head and neck cancers. <i>Cellular Oncology (Dordrecht)</i> , 2014 , 37, 331-8	7.2	96
90	The impact of saliva collection and processing methods on CRP, IgE, and Myoglobin immunoassays. <i>Clinical and Translational Medicine</i> , 2012 , 1, 19	5.7	96
89	Saliva proteome research: current status and future outlook. <i>Critical Reviews in Biotechnology</i> , 2013 , 33, 246-59	9.4	95
88	Isolation of circulating tumor cells in non-small-cell-lung-cancer patients using a multi-flow microfluidic channel. <i>Microsystems and Nanoengineering</i> , 2019 , 5, 8	7.7	93
87	One-step homogeneous C-reactive protein assay for saliva. <i>Journal of Immunological Methods</i> , 2011 , 373, 19-25	2.5	85
86	Current trends in the etiology and diagnosis of HPV-related head and neck cancers. <i>Cancer Medicine</i> , 2015 , 4, 596-607	4.8	84
85	The effects of exercise and adipose tissue lipolysis on plasma adiponectin concentration and adiponectin receptor expression in human skeletal muscle. <i>European Journal of Endocrinology</i> , 2005 , 152, 427-36	6.5	84
84	Tumor-suppressor Gene Promoter Hypermethylation in Saliva of Head and Neck Cancer Patients. <i>Translational Oncology</i> , 2012 , 5, 321-6	4.9	79
83	Circulating biomarkers in patients with glioblastoma. <i>British Journal of Cancer</i> , 2020 , 122, 295-305	8.7	74
82	Circulating tumour cells in metastatic head and neck cancers. <i>International Journal of Cancer</i> , 2015 , 136, 2515-23	7.5	72
81	miRNAs in head and neck cancer revisited. <i>Cellular Oncology (Dordrecht)</i> , 2013 , 36, 1-7	7.2	69
80	The prognostic significance of circulating tumor cells in head and neck and non-small-cell lung cancer. <i>Cancer Medicine</i> , 2018 , 7, 5910-5919	4.8	66
79	The Prognostic Role of Circulating Tumor Cells (CTCs) in Lung Cancer. <i>Frontiers in Oncology</i> , 2018 , 8, 311	5.3	65
78	The saliva microbiome profiles are minimally affected by collection method or DNA extraction protocols. <i>Scientific Reports</i> , 2017 , 7, 8523	4.9	62

77	Oral Microbiome: A New Biomarker Reservoir for Oral and Oropharyngeal Cancers. <i>Theranostics</i> , 2017 , 7, 4313-4321	12.1	60
76	Capture of Circulating Tumour Cell Clusters Using Straight Microfluidic Chips. <i>Cancers</i> , 2019 , 11,	6.6	57
75	Enrichment of circulating head and neck tumour cells using spiral microfluidic technology. <i>Scientific Reports</i> , 2017 , 7, 42517	4.9	56
74	The Performance of an Oral Microbiome Biomarker Panel in Predicting Oral Cavity and Oropharyngeal Cancers. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 267	5.9	54
73	A biomarker panel to discriminate between systemic inflammatory response syndrome and sepsis and sepsis severity. <i>Journal of Emergencies, Trauma and Shock</i> , 2010 , 3, 26-35	1.2	51
72	A pilot study to compare the detection of HPV-16 biomarkers in salivary oral rinses with tumour p16(INK4a) expression in head and neck squamous cell carcinoma patients. <i>BMC Cancer</i> , 2016 , 16, 178	4.8	47
71	PD-L1 expressing circulating tumour cells in head and neck cancers. <i>BMC Cancer</i> , 2017 , 17, 333	4.8	47
70	Salivary exosomes as potential biomarkers in cancer. <i>Oral Oncology</i> , 2018 , 84, 31-40	4.4	43
69	A Collective Route to Head and Neck Cancer Metastasis. <i>Scientific Reports</i> , 2018 , 8, 746	4.9	42
68	Short term ex-vivo expansion of circulating head and neck tumour cells. <i>Oncotarget</i> , 2016 , 7, 60101-60109	3.3	37
67	A liquid biopsy for head and neck cancers. <i>Expert Review of Molecular Diagnostics</i> , 2016 , 16, 165-72	3.8	35
66	NT-ProBNP levels in saliva and its clinical relevance to heart failure. <i>PLoS ONE</i> , 2012 , 7, e48452	3.7	35
65	High-yield RNA-extraction method for saliva. <i>Clinical Chemistry</i> , 2013 , 59, 1118-22	5.5	35
64	miRNAs in human papilloma virus associated oral and oropharyngeal squamous cell carcinomas. <i>Expert Review of Molecular Diagnostics</i> , 2014 , 14, 1033-40	3.8	32
63	DNA Methylation at the Novel CpG Sites in the Promoter of MED15/PCQAP Gene as a Biomarker for Head and Neck Cancers. <i>Biomarker Insights</i> , 2014 , 9, 53-60	3.5	30
62	Salivary DNA methylation panel to diagnose HPV-positive and HPV-negative head and neck cancers. <i>BMC Cancer</i> , 2016 , 16, 749	4.8	30
61	Salivary miRNA panel to detect HPV-positive and HPV-negative head and neck cancer patients. <i>Oncotarget</i> , 2017 , 8, 99990-100001	3.3	29
60	The Use of Microfluidic Technology for Cancer Applications and Liquid Biopsy. <i>Micromachines</i> , 2018 , 9,	3.3	29

59	Identification of salivary N-glycoproteins and measurement of glycosylation site occupancy by boronate glycoprotein enrichment and liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014 , 28, 471-82	2.2	29
58	Promoter Hypermethylation of Tumor-Suppressor Genes , and in Salivary DNA as a Quadruple Biomarker Panel for Early Detection of Oral and Oropharyngeal Cancers. <i>Biomolecules</i> , 2019 , 9,	5.9	27
57	The development of a liquid biopsy for head and neck cancers. <i>Oral Oncology</i> , 2016 , 61, 8-11	4.4	27
56	A Pilot Study into the Association between Oral Health Status and Human Papillomavirus-16 Infection. <i>Diagnostics</i> , 2017 , 7,	3.8	26
55	Phenotypic Characterization of Circulating Lung Cancer Cells for Clinically Actionable Targets. <i>Cancers</i> , 2019 , 11,	6.6	25
54	Enrichment and identification of glycoproteins in human saliva using lectin magnetic bead arrays. <i>Analytical Biochemistry</i> , 2016 , 497, 76-82	3.1	24
53	Impact of label-free technologies in head and neck cancer circulating tumour cells. <i>Oncotarget</i> , 2016 , 7, 71223-71234	3.3	23
52	Analysis of the extreme diversity of salivary alpha-amylase isoforms generated by physiological proteolysis using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 911, 21-6	3.2	21
51	Unlocking the Potential of Saliva-Based Test to Detect HPV-16-Driven Oropharyngeal Cancer. <i>Cancers</i> , 2019 , 11,	6.6	19
50	Development of Paper-Based Analytical Devices for Minimizing the Viscosity Effect in Human Saliva. <i>Theranostics</i> , 2018 , 8, 3797-3807	12.1	19
49	Salivary epigenetic biomarkers in head and neck squamous cell carcinomas. <i>Biomarkers in Medicine</i> , 2016 , 10, 301-13	2.3	18
48	Olfactomedin-4 regulation by estrogen in the human endometrium requires epidermal growth factor signaling. <i>American Journal of Pathology</i> , 2010 , 177, 2495-508	5.8	17
47	Quantification of D-dimer levels in human saliva. <i>Bioanalysis</i> , 2013 , 5, 2249-56	2.1	16
46	Circulating fragments of N-terminal pro-B-type natriuretic peptides in plasma of heart failure patients. <i>Clinical Chemistry</i> , 2013 , 59, 1523-31	5.5	16
45	A pilot study to demonstrate diagnostic potential of galectin-3 levels in saliva. <i>Journal of Clinical Pathology</i> , 2016 , 69, 1100-1104	3.9	16
44	The overexpression of salivary cytokeratins as potential diagnostic biomarkers in head and neck squamous cell carcinomas. <i>Oncotarget</i> , 2017 , 8, 72272-72280	3.3	14
43	Variation of Human Salivary O-Glycome. <i>PLoS ONE</i> , 2016 , 11, e0162824	3.7	13
42	Oral HPV16 Prevalence in Oral Potentially Malignant Disorders and Oral Cavity Cancers. <i>Biomolecules</i> , 2020 , 10,	5.9	12

41	Identification and Validation of a Salivary Protein Panel to Detect Heart Failure Early. <i>Theranostics</i> , 2017 , 7, 4350-4358	12.1	12
40	Metabolic response to a mixed meal in obese and lean women from two South african populations. <i>Obesity</i> , 2002 , 10, 1207-16		12
39	culture of circulating tumour cells derived from non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2020 , 9, 1795-1809	4.4	12
38	DNA Methylation Changes in Human Papillomavirus-Driven Head and Neck Cancers. <i>Cells</i> , 2020 , 9,	7.9	11
37	Validation of an immunoassay to measure plasminogen-activator inhibitor-1 concentrations in human saliva. <i>Biochemia Medica</i> , 2014 , 24, 258-65	2.5	11
36	Circulating tumour cell PD-L1 test for head and neck cancers. <i>Oral Oncology</i> , 2017 , 75, 6-7	4.4	10
35	The Use of Three-Dimensional DNA Fluorescent In Situ Hybridization (3D DNA FISH) for the Detection of Anaplastic Lymphoma Kinase (ALK) in Non-Small Cell Lung Cancer (NSCLC) Circulating Tumor Cells. <i>Cells</i> , 2020 , 9,	7.9	10
34	An Occult HPV-Driven Oropharyngeal Squamous Cell Carcinoma Discovered Through a Saliva Test. <i>Frontiers in Oncology</i> , 2020 , 10, 408	5.3	10
33	An update: circulating tumor cells in head and neck cancer. <i>Expert Review of Molecular Diagnostics</i> , 2019 , 19, 1109-1115	3.8	10
32	High-risk human papillomavirus detection in oropharyngeal cancers: Comparison of saliva sampling methods. <i>Head and Neck</i> , 2019 , 41, 1484-1489	4.2	10
31	A Pilot Study to Non-Invasively Track PIK3CA Mutation in Head and Neck Cancer. <i>Diagnostics</i> , 2018 , 8,	3.8	10
30	Human saliva as a tool to investigate intimate partner violence. <i>Brain, Behavior, and Immunity</i> , 2012 , 26, 541-2	16.6	9
29	Within-Day Baseline Variation in Salivary Biomarkers in Healthy Men. <i>OMICS A Journal of Integrative Biology</i> , 2017 , 21, 74-80	3.8	8
28	Oral HPV16 DNA as a screening tool to detect early oropharyngeal squamous cell carcinoma. <i>Cancer Science</i> , 2020 , 111, 3854-3861	6.9	8
27	Isolation of Circulating Tumour Cells in Patients With Glioblastoma Using Spiral Microfluidic Technology - A Pilot Study. <i>Frontiers in Oncology</i> , 2021 , 11, 681130	5.3	8
26	Exosomes in cancer. <i>Advances in Clinical Chemistry</i> , 2021 , 101, 1-40	5.8	8
25	The current status of heart failure diagnostic biomarkers. <i>Expert Review of Molecular Diagnostics</i> , 2016 , 16, 487-500	3.8	7
24	Saliva as an Emerging Biofluid for Clinical Diagnosis and Applications of MEMS/NEMS in Salivary Diagnostics 2013 , 453-473		7

23	Salivary protein biomarkers for head and neck cancer. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 305-313	3.8	6
22	Relationship between p16 expression and prognosis in different anatomic subsites of OSCC. <i>Cancer Biomarkers</i> , 2019 , 26, 375-383	3.8	6
21	Evaluation of sample preparation methods for label-free quantitative profiling of salivary proteome. <i>Journal of Proteomics</i> , 2020 , 210, 103532	3.9	6
20	The potential prognostic utility of salivary galectin-3 concentrations in heart failure. <i>Clinical Research in Cardiology</i> , 2020 , 109, 685-692	6.1	6
19	Two enemies, one fight: An update of oral cancer in patients with Fanconi anemia. <i>Cancer</i> , 2019 , 125, 3936-3946	6.4	4
18	A multimarker approach to diagnose and stratify heart failure. <i>International Journal of Cardiology</i> , 2015 , 181, 369-75	3.2	4
17	Profiling of immunoglobulins in resting and mechanically stimulated saliva. <i>Bioanalysis</i> , 2014 , 6, 697-704	2.1	4
16	Salivary Protein Panel to Diagnose Systolic Heart Failure. <i>Biomolecules</i> , 2019 , 9,	5.9	4
15	Chemoradiation therapy changes oral microbiome and metabolomic profiles in patients with oral cavity cancer and oropharyngeal cancer. <i>Head and Neck</i> , 2021 , 43, 1521-1534	4.2	3
14	A review of potential biomarkers for assessing physical and psychological trauma in paediatric burns. <i>Burns and Trauma</i> , 2021 , 9, tkaa049	5.3	3
13	A rapid and cost-effective method of producing recombinant proBNP and NT-proBNP variants in <i>Escherichia coli</i> for immunoassay of heart failure. <i>Biotechnology Letters</i> , 2014 , 36, 133-40	3	2
12	Oral contraceptives prevent the development of endometriosis in the chicken chorioallantoic membrane model. <i>Contraception</i> , 2008 , 78, 257-65	2.5	2
11	Isolation and Quantification of MicroRNAs from Human Saliva. <i>Methods in Molecular Biology</i> , 2019 , 2054, 105-114	1.4	2
10	The Isolation and Characterization of Circulating Tumor Cells from Head and Neck Cancer Patient Blood Samples Using Spiral Microfluidic Technology. <i>Methods in Molecular Biology</i> , 2019 , 2054, 129-136	1.4	2
9	Salivary High-Risk Human Papillomavirus (HPV) DNA as a Biomarker for HPV-Driven Head and Neck Cancers. <i>Journal of Molecular Diagnostics</i> , 2021 , 23, 1334-1342	5.1	2
8	The salivary metatranscriptome as an accurate diagnostic indicator of oral cancer. <i>Npj Genomic Medicine</i> , 2021 , 6, 105	6.2	2
7	Proteomic Alterations in Salivary Exosomes Derived from Human Papillomavirus-Driven Oropharyngeal Cancer. <i>Molecular Diagnosis and Therapy</i> , 2021 , 25, 505-515	4.5	1
6	A pilot study to investigate the feasibility of transporting saliva samples at room temperature with MAWI Cell Stabilization buffer. <i>Cogent Biology</i> , 2018 , 4, 1470895	1.6	1

5	Overexpression of miRNA-9 enhances galectin-3 levels in oral cavity cancers. <i>Molecular Biology Reports</i> , 2021 , 48, 3979-3989	2.8	o
4	Determining the utility of a screening program to reduce the incidence of HPV driven oropharyngeal cancer. <i>Oncoscience</i> , 2021 , 8, 91-93	0.8	o
3	Clinical Applications of Circulating Tumour Cells and Circulating Tumour DNA in Non-Small Cell Lung Cancer-An Update.. <i>Frontiers in Oncology</i> , 2022 , 12, 859152	5.3	o
2	A paper-based optical sensor for the screening of viruses through the cysteine residues of their surface proteins: A proof of concept on the detection of coronavirus infection. <i>Talanta</i> , 2022 , 248, 123630	6.2	o
1	Saliva as a matrix for measurement of cancer biomarkers 2022 , 297-351		o