

# David T W Wong

## List of Publications by Year in descending order

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63  
papers

4,214  
citations

136950

32  
h-index

114465

63  
g-index

66  
all docs

66  
docs citations

66  
times ranked

6317  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Landscape of MicroRNA, Piwi-Interacting RNA, and Circular RNA in Human Saliva. <i>Clinical Chemistry</i> , 2015, 61, 221-230.	3.2	573
2	RNA Profiling of Cell-free Saliva Using Microarray Technology. <i>Journal of Dental Research</i> , 2004, 83, 199-203.	5.2	232
3	exRNA Atlas Analysis Reveals Distinct Extracellular RNA Cargo Types and Their Carriers Present across Human Biofluids. <i>Cell</i> , 2019, 177, 463-477.e15.	28.9	228
4	Small RNA Sequencing across Diverse Biofluids Identifies Optimal Methods for exRNA Isolation. <i>Cell</i> , 2019, 177, 446-462.e16.	28.9	214
5	Role of Pancreatic Cancer-derived Exosomes in Salivary Biomarker Development. <i>Journal of Biological Chemistry</i> , 2013, 288, 26888-26897.	3.4	208
6	Th17 cells in inflammation and autoimmunity. <i>Autoimmunity Reviews</i> , 2014, 13, 1174-1181.	5.8	182
7	Noninvasive Saliva-based <i>EGFR</i> Gene Mutation Detection in Patients with Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1117-1126.	5.6	146
8	Salivary biomarkers in cancer detection. <i>Medical Oncology</i> , 2017, 34, 7.	2.5	131
9	Development of transcriptomic biomarker signature in human saliva to detect lung cancer. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3341-3350.	5.4	130
10	Salivaomics. <i>Journal of the American Dental Association</i> , 2012, 143, 19S-24S.	1.5	118
11	Role of Saliva and Salivary Diagnostics in the Advancement of Oral Health. <i>Journal of Dental Research</i> , 2019, 98, 133-141.	5.2	116
12	Salivary Biomarkers for Detection of Oral Squamous Cell Carcinoma: Current State and Recent Advances. <i>Current Oral Health Reports</i> , 2014, 1, 133-141.	1.6	104
13	Acoustofluidic Salivary Exosome Isolation. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 50-59.	2.8	104
14	Differential Proteomic Analysis of Human Saliva using Tandem Mass Tags Quantification for Gastric Cancer Detection. <i>Scientific Reports</i> , 2016, 6, 22165.	3.3	96
15	Detection of Tumor Cell-Specific mRNA and Protein in Exosome-Like Microvesicles from Blood and Saliva. <i>PLoS ONE</i> , 2014, 9, e110641.	2.5	95
16	Detection of exosomal biomarker by electric field-induced release and measurement (EFIRM). <i>Biosensors and Bioelectronics</i> , 2013, 44, 115-121.	10.1	93
17	Liquid Biopsy in Head and Neck Cancer: Promises and Challenges. <i>Journal of Dental Research</i> , 2018, 97, 701-708.	5.2	92
18	Saliva-Exosomics in Cancer: Molecular Characterization of Cancer-Derived Exosomes in Saliva. <i>The Enzymes</i> , 2017, 42, 125-151.	1.7	82

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19	Clinical validity of saliva and novel technology for cancer detection. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1872, 49-59.	7.4	80
20	Extracellular RNAs: development as biomarkers of human disease. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27495.	12.2	72
21	Scientific Frontiers. <i>Advances in Dental Research</i> , 2011, 23, 360-368.	3.6	68
22	Evaluation of a novel saliva-based epidermal growth factor receptor mutation detection for lung cancer: A pilot study. <i>Thoracic Cancer</i> , 2016, 7, 428-436.	1.9	64
23	Salivary Biomarkers for Detection of Oral Squamous Cell Carcinoma in a Taiwanese Population. <i>Clinical Cancer Research</i> , 2016, 22, 3340-3347.	7.0	62
24	The Human Salivary RNA Transcriptome Revealed by Massively Parallel Sequencing. <i>Clinical Chemistry</i> , 2012, 58, 1314-1321.	3.2	57
25	Saliva exosomes from pancreatic tumor-bearing mice modulate NK cell phenotype and antitumor cytotoxicity. <i>FASEB Journal</i> , 2017, 31, 998-1010.	0.5	57
26	Discovery and Validation of Salivary Extracellular RNA Biomarkers for Noninvasive Detection of Gastric Cancer. <i>Clinical Chemistry</i> , 2018, 64, 1513-1521.	3.2	56
27	Emerging technologies for salivaomics in cancer detection. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 640-647.	3.6	55
28	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26533.	12.2	51
29	The Proteomics of Saliva in Sjögren's Syndrome. <i>Rheumatic Disease Clinics of North America</i> , 2016, 42, 449-456.	1.9	51
30	Noncoding RNAs in human saliva as potential disease biomarkers. <i>Frontiers in Genetics</i> , 2015, 6, 175.	2.3	44
31	Salivary Extracellular Noncoding RNA: Emerging Biomarkers for Molecular Diagnostics. <i>Clinical Therapeutics</i> , 2015, 37, 540-551.	2.5	36
32	Bioinformatics advances in saliva diagnostics. <i>International Journal of Oral Science</i> , 2012, 4, 85-87.	8.6	34
33	Characterization of Human Salivary Extracellular RNA by Next-generation Sequencing. <i>Clinical Chemistry</i> , 2018, 64, 1085-1095.	3.2	33
34	Quantitative proteomic analysis of microdissected oral epithelium for cancer biomarker discovery. <i>Oral Oncology</i> , 2015, 51, 1011-1019.	1.5	31
35	RNAProSAL: A device for rapid and standardized collection of saliva RNA and proteins. <i>BioTechniques</i> , 2015, 58, 69-76.	1.8	30
36	Identification of salivary metabolites for oral squamous cell carcinoma and oral epithelial dysplasia screening from persistent suspicious oral mucosal lesions. <i>Clinical Oral Investigations</i> , 2019, 23, 3557-3563.	3.0	29

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37	Ultra-Short Circulating Tumor DNA (usctDNA) in Plasma and Saliva of Non-Small Cell Lung Cancer (NSCLC) Patients. <i>Cancers</i> , 2020, 12, 2041.	3.7	28
38	Novel approaches for bioinformatic analysis of salivary RNA sequencing data for development. <i>Bioinformatics</i> , 2018, 34, 1-8.	4.1	24
39	Electric Field-Induced Release and Measurement Liquid Biopsy for Noninvasive Early Lung Cancer Assessment. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 738-742.	2.8	24
40	Liquid biopsy for detection of actionable oncogenic mutations in human cancers and electric field induced release and measurement liquid biopsy (eLB). <i>Analyst</i> , The, 2016, 141, 393-402.	3.5	23
41	Human tRNA-Derived Small RNAs Modulate Host-Oral Microbial Interactions. <i>Journal of Dental Research</i> , 2018, 97, 1236-1243.	5.2	16
42	Salivary exRNA biomarkers to detect gingivitis and monitor disease regression. <i>Journal of Clinical Periodontology</i> , 2018, 45, 806-817.	4.9	16
43	Electric Field-Induced Release and Measurement (EFIRM). <i>Journal of Molecular Diagnostics</i> , 2020, 22, 1050-1062.	2.8	16
44	Salivary Diagnostics. <i>Operative Dentistry</i> , 2012, 37, 562-570.	1.2	15
45	Human Salivary Micro-RNA in Patients with Parotid Salivary Gland Neoplasms. <i>PLoS ONE</i> , 2015, 10, e0142264.	2.5	15
46	Development and validation of a quantitative, non-invasive, highly sensitive and specific, electrochemical assay for anti-SARS-CoV-2 IgG antibodies in saliva. <i>PLoS ONE</i> , 2021, 16, e0251342.	2.5	15
47	Saliva, Diagnostics, and Dentistry. <i>Advances in Dental Research</i> , 2011, 23, 353-359.	3.6	14
48	Detection of Exosomal Biomarker by Electric Field-induced Release and Measurement (EFIRM). <i>Journal of Visualized Experiments</i> , 2015, , 52439.	0.3	14
49	RNA Sequencing Analysis of Salivary Extracellular RNA. <i>Methods in Molecular Biology</i> , 2017, 1537, 17-36.	0.9	14
50	Longitudinal Circulating Tumor DNA Analysis in Blood and Saliva for Prediction of Response to Osimertinib and Disease Progression in EGFR-Mutant Lung Adenocarcinoma. <i>Cancers</i> , 2021, 13, 3342.	3.7	14
51	Molecular consequences of fetal alcohol exposure on amniotic exosomal miRNAs with functional implications for stem cell potency and differentiation. <i>PLoS ONE</i> , 2020, 15, e0242276.	2.5	11
52	Oral Microbiome: Streptococcus mutans/Caries Concordant-Discordant Children. <i>Frontiers in Microbiology</i> , 2022, 13, 782825.	3.5	11
53	Ultrastructural and cytochemical observations on 5-fluorouracil-induced cleft-palate development in hamster. <i>American Journal of Anatomy</i> , 1984, 170, 567-580.	1.0	10
54	Expression of cell-cycle regulator CDK2-associating protein 1 (p12CDK2AP1) in transgenic mice induces testicular and ovarian atrophy in vivo. <i>Molecular Reproduction and Development</i> , 2006, 73, 987-997.	2.0	10

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55	The Kinetics of COVID-19 Vaccine Response in a Community-Vaccinated Population. <i>Journal of Immunology</i> , 2022, 208, 819-826.	0.8	9
56	Surveillance of HPV-Positive Head and Neck Squamous Cell Carcinoma with Circulating and Salivary DNA Biomarkers. <i>Critical Reviews in Oncogenesis</i> , 2018, 23, 235-245.	0.4	8
57	Electric Field-Induced Disruption and Releasing Viable Content from Extracellular Vesicles. <i>Methods in Molecular Biology</i> , 2017, 1660, 367-376.	0.9	7
58	Altered level of salivary placental growth factor is associated with preeclampsia. <i>Placenta</i> , 2020, 90, 118-120.	1.5	6
59	Longitudinal Monitoring of EGFR and PIK3CA Mutations by Saliva-Based EFIRM in Advanced NSCLC Patients With Local Ablative Therapy and Osimertinib Treatment: Two Case Reports. <i>Frontiers in Oncology</i> , 2020, 10, 1240.	2.8	6
60	Associations of network-derived metabolite clusters with prevalent type 2 diabetes among adults of Puerto Rican descent. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002298.	2.8	6
61	Salivary extracellular RNA biomarkers for insulin resistance detection in hispanics. <i>Diabetes Research and Clinical Practice</i> , 2017, 132, 85-94.	2.8	5
62	Integrated Multiomics Analysis of Salivary Exosomes to Identify Biomarkers Associated with Changes in Mood States and Fatigue. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5257.	4.1	4
63	Editorial: Saliva and Oral Microbiota: From Physiology to Diagnostic and Therapeutic Implications. <i>Frontiers in Physiology</i> , 2020, 11, 637599.	2.8	2