

# Richard A Robison

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

1,647  
citations

331670

21  
h-index

315739

38  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Volatile antimicrobials from <i>Muscodora crispans</i> , a novel endophytic fungus. <i>Microbiology (United Kingdom)</i> 157, 1073-1081 (2011).	0.784314	237
2	Phylogeographic reconstruction of a bacterial species with high levels of lateral gene transfer. <i>BMC Biology</i> , 2009, 7, 78.	3.8	155
3	Rapid separation of bacteria from blood—review and outlook. <i>Biotechnology Progress</i> , 2016, 32, 823-839.	2.6	71
4	Tandem repeat regions within the <i>Burkholderia pseudomallei</i> genome and their application for high resolution genotyping. <i>BMC Microbiology</i> , 2007, 7, 23.	3.3	70
5	Susceptibility of high-risk human papillomavirus type 16 to clinical disinfectants. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1546-1550.	3.0	61
6	The expansion of targetable biomarkers for CAR T cell therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 163.	8.6	61
7	Lowering the transmission and spread of human coronavirus. <i>Journal of Medical Virology</i> , 2021, 93, 1605-1612.	5.0	55
8	A review of HPRT and its emerging role in cancer. <i>Medical Oncology</i> , 2018, 35, 89.	2.5	48
9	Non-small-cell lung cancer cell lines A549 and NCI-H460 express hypoxanthine guanine phosphoribosyltransferase on the plasma membrane. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 1921-1932.	2.0	46
10	A quadruplex real-time PCR assay for the detection of <i>Yersinia pestis</i> and its plasmids. <i>Journal of Medical Microbiology</i> , 2008, 57, 324-331.	1.8	44
11	Characterization of a Novel Plasmid-Borne Thiopeptide Gene Cluster in <i>Staphylococcus epidermidis</i> Strain 115. <i>Journal of Bacteriology</i> , 2014, 196, 4344-4350.	2.2	42
12	Measuring Antioxidant Capacity Using the ORAC and TOSC Assays. <i>Methods in Molecular Biology</i> , 2010, 594, 251-262.	0.9	39
13	Susceptibility of HPV16 and 18 to high level disinfectants indicated for semi-critical ultrasound probes. <i>Journal of Medical Virology</i> , 2016, 88, 1076-1080.	5.0	39
14	The Mycobactericidal Efficacy of Ortho-Phthalaldehyde and the Comparative Resistances of <i>Mycobacterium bovis</i> , <i>Mycobacterium terrae</i> , and <i>Mycobacterium chelonae</i> . <i>Infection Control and Hospital Epidemiology</i> , 1999, 20, 324-330.	1.8	38
15	Thymidine Kinase 1 Upregulation Is an Early Event in Breast Tumor Formation. <i>Journal of Oncology</i> , 2012, 2012, 1-5.	1.3	38
16	Potential new biomarkers for endometrial cancer. <i>Cancer Cell International</i> , 2019, 19, 19.	4.1	38
17	A quadruplex real-time PCR assay for rapid detection and differentiation of the <i>Clostridium botulinum</i> toxin genes A, B, E and F. <i>Journal of Medical Microbiology</i> , 2010, 59, 55-64.	1.8	27
18	Evaluation of various glyphosate concentrations on DNA damage in human Raji cells and its impact on cytotoxicity. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 85, 79-85.	2.7	27

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19	Membrane expression of thymidine kinase 1 and potential clinical relevance in lung, breast, and colorectal malignancies. <i>Cancer Cell International</i> , 2018, 18, 135.	4.1	26
20	A novel method for predicting antioxidant activity based on amino acid structure. <i>Food Chemistry</i> , 2014, 158, 490-496.	8.2	24
21	Antimicrobial activity of environmental surface disinfectants in the absence and presence of bioburden. <i>Journal of the American Dental Association</i> , 1989, 119, 493-505.	1.5	23
22	A Quadruplex Real-Time PCR Assay for the Rapid Detection and Differentiation of the Most Relevant Members of the <i>B. pseudomallei</i> Complex: <i>B. mallei</i> , <i>B. pseudomallei</i> , and <i>B. thailandensis</i> . <i>PLoS ONE</i> , 2016, 11, e0164006.	2.5	22
23	UVC radiation as an effective disinfectant method to inactivate human papillomaviruses. <i>PLoS ONE</i> , 2017, 12, e0187377.	2.5	22
24	PCR-based Methodologies Used to Detect and Differentiate the <i>Burkholderia pseudomallei</i> complex: <i>B. pseudomallei</i> , <i>B. mallei</i> , and <i>B. thailandensis</i> . <i>Current Issues in Molecular Biology</i> , 2014, 16, 23-54.	2.4	22
25	Rapid separation of very low concentrations of bacteria from blood. <i>Journal of Microbiological Methods</i> , 2017, 139, 48-53.	1.6	21
26	Paving the way towards universal treatment with allogenic T cells. <i>Immunologic Research</i> , 2020, 68, 63-70.	2.9	20
27	Sequence-specific sepsis-related DNA capture and fluorescent labeling in monoliths prepared by single-step photopolymerization in microfluidic devices. <i>Journal of Chromatography A</i> , 2018, 1562, 12-18.	3.7	19
28	GC/MS Method for Positive Detection of <i>Bacillus anthracis</i> Endospores. <i>Analytical Chemistry</i> , 2012, 84, 1637-1644.	6.5	18
29	Capture of micrococcin biosynthetic intermediates reveals C-terminal processing as an obligatory step for in vivo maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12450-12455.	7.1	18
30	Rapid separation of bacteria from blood – Chemical aspects. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 365-372.	5.0	18
31	A multiplex real-time PCR assay for the detection and differentiation of <i>Francisella tularensis</i> subspecies. <i>Journal of Medical Microbiology</i> , 2012, 61, 1525-1531.	1.8	17
32	Reconstitution and Minimization of a Micrococcin Biosynthetic Pathway in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2016, 198, 2431-2438.	2.2	17
33	<i>Letharia vulpina</i> , a vulpinic acid containing lichen, targets cell membrane and cell division processes in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Pharmaceutical Biology</i> , 2016, 54, 413-418.	2.9	17
34	Elevated Expression of Hypoxanthine Guanine Phosphoribosyltransferase within Malignant Tissue. <i>Cancer and Clinical Oncology</i> , 2017, 6, 19.	0.2	15
35	Biomarker analysis and clinical relevance of TK1 on the cell membrane of Burkitt's lymphoma and acute lymphoblastic leukemia. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 4355-4367.	2.0	11
36	The inhibitory effects of bryostatins 1 administration on the growth of rabbit papillomas. <i>Cancer Letters</i> , 1999, 136, 67-74.	7.2	9

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37	Sequence-specific DNA solid-phase extraction in an on-chip monolith: Towards detection of antibiotic resistance genes. <i>Journal of Chromatography A</i> , 2017, 1523, 309-315.	3.7	9
38	Examination of Hypoxanthine Guanine Phosphoribosyltransferase as a biomarker for colorectal cancer patients. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1481810.	0.7	9
39	A comparison of Chikungunya virus infection, progression, and cytokine profiles in human PMA-differentiated U937 and murine RAW264.7 monocyte derived macrophages. <i>PLoS ONE</i> , 2020, 15, e0230328.	2.5	9
40	The ability of two chlorine dioxide chemistries to inactivate human papillomavirus-contaminated endocavitary ultrasound probes and nasendoscopes. <i>Journal of Medical Virology</i> , 2020, 92, 1298-1302.	5.0	9
41	Novel monoclonal antibodies against thymidine kinase 1 and their potential use for the immunotargeting of lung, breast and colon cancer cells. <i>Cancer Cell International</i> , 2020, 20, 127.	4.1	9
42	Alphaviruses: Host pathogenesis, immune response, and vaccine & treatment updates. <i>Journal of General Virology</i> , 2021, 102, .	2.9	9
43	Presence and stability of SARS-CoV-2 on environmental currency and money cards in Utah reveals a lack of live virus. <i>PLoS ONE</i> , 2022, 17, e0263025.	2.5	9
44	Sample introduction in gas chromatography using a coiled wire filament. <i>Journal of Chromatography A</i> , 2009, 1216, 6852-6857.	3.7	7
45	Metastatic colon adenocarcinoma has a significantly elevated expression of IL-10 compared with primary colon adenocarcinoma tumors. <i>Cancer Biology and Therapy</i> , 2018, 19, 913-920.	3.4	7
46	Falling from grace: HPRT is not suitable as an endogenous control for cancer-related studies. <i>Molecular and Cellular Oncology</i> , 2019, 6, 1-10.	0.7	7
47	Hypoxanthine Guanine Phosphoribosyltransferase expression is negatively correlated with immune activity through its regulation of purine synthesis. <i>Immunobiology</i> , 2020, 225, 151931.	1.9	7
48	Overexpression and surface localization of HPRT in prostate cancer provides a potential target for cancer specific antibody mediated cellular cytotoxicity. <i>Experimental Cell Research</i> , 2021, 403, 112567.	2.6	7
49	Differentiation of <i>Bacillus</i> endospore species from fatty acid methyl ester biomarkers. <i>Analytical Methods</i> , 2010, 2, 638.	2.7	6
50	Automated thermochemolysis reactor for detection of <i>Bacillus anthracis</i> endospores by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 775, 67-74.	5.4	6
51	The isolation and identification of <i>Pantoea dispersa</i> strain JFS as a non-pathogenic surrogate for <i>Salmonella</i> Typhimurium phage type 42 in flour. <i>International Journal of Food Microbiology</i> , 2016, 219, 1-6.	4.7	6
52	Factors affecting sedimentational separation of bacteria from blood. <i>Biotechnology Progress</i> , 2020, 36, e2892.	2.6	6
53	Genome Sequences of 12 Phages That Infect <i>Klebsiella pneumoniae</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	6
54	The differential susceptibility of spores from virulent and attenuated <i>Bacillus anthracis</i> strains to aldehyde- and hypochlorite-based disinfectants. <i>MicrobiologyOpen</i> , 2012, 1, 407-414.	3.0	5

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55	DNA damage caused by inorganic particulate matter on Raji and HepG2 cell lines exposed to ultraviolet radiation. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 771, 6-14.	1.7	5
56	Concordance and discordance of sequence survey methods for molecular epidemiology. <i>PeerJ</i> , 2015, 3, e761.	2.0	5
57	Chikungunya virus time course infection of human macrophages reveals intracellular signaling pathways relevant to repurposed therapeutics. <i>PeerJ</i> , 2022, 10, e13090.	2.0	5
58	One-step conversion of dipicolinic acid to its dimethyl ester using monomethyl sulfate salts for GC-MS detection of bacterial endospores. <i>Analytical Methods</i> , 2011, 3, 245-258.	2.7	4
59	Thymidine Kinase 1: A Universal Marker for Cancer. <i>Cancer and Clinical Oncology</i> , 2012, 2, .	0.2	4
60	The differential effects of heat shock on the viability of spores from <i>Bacillus anthracis</i> , <i>Bacillus subtilis</i> , and <i>Clostridium sporogenes</i> after treatment with peracetic acid and glutaraldehyde based disinfectants. <i>MicrobiologyOpen</i> , 2015, 4, 764-773.	3.0	4
61	Natural Selection in Virulence Genes of <i>Francisella tularensis</i> . <i>Journal of Molecular Evolution</i> , 2016, 82, 264-278.	1.8	4
62	Correlations between available primary amines, endospore coat thickness, and alkaline glutaraldehyde sensitivity for spores of select <i>Bacillus</i> species. <i>MicrobiologyOpen</i> , 2020, 9, e1117.	3.0	3
63	Molecular epidemiology of carbapenem-resistance plasmids using publicly available sequences. <i>Genome</i> , 2019, 62, 785-792.	2.0	1
64	Evaluation of the upregulation and surface expression of hypoxanthine guanine phosphoribosyltransferase in acute lymphoblastic leukemia and Burkitt's B cell lymphoma. <i>Cancer Cell International</i> , 2020, 20, 375.	4.1	1
65	Selection of human single domain antibodies (sdAb) against thymidine kinase 1 and their incorporation into sdAb-Fc antibody constructs for potential use in cancer therapy. <i>PLoS ONE</i> , 2022, 17, e0264822.	2.5	1
66	Rebuttal to overinterpretation of the antiviral results for human coronavirus 229E relative to severe acute respiratory syndrome coronavirus-2 by Rowpar Pharmaceuticals. <i>Journal of Medical Virology</i> , 2021, 93, 1903-1904.	5.0	0
67	A pentaplex real-time PCR assay for rapid identification of major beta-lactamase genes KPC, NDM, CTX, CMY, and OXA-48 directly from bacteria in blood. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	0
68	Folding of the SARS-CoV-2 RNA Polymerase by the Cytosolic Chaperonin CCT. <i>FASEB Journal</i> , 2022, 36, .	0.5	0