

# Gary J Vora

## List of Publications by Year in descending order

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73  
papers

2,846  
citations

136950

32  
h-index

182427

51  
g-index

74  
all docs

74  
docs citations

74  
times ranked

3869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomic analyses identify the <i>Vibrio harveyi</i> genome sequenced strains BAA-1116 and HY01 as <i>Vibrio campbellii</i> . <i>Environmental Microbiology Reports</i> , 2010, 2, 81-89.	2.4	153
2	Nucleic Acid Amplification Strategies for DNA Microarray-Based Pathogen Detection. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3047-3054.	3.1	146
3	Broad-spectrum respiratory tract pathogen identification using resequencing DNA microarrays. <i>Genome Research</i> , 2006, 16, 527-535.	5.5	130
4	Fluorescent Signal Amplification of Carbocyanine Dyes Using Engineered Viral Nanoparticles. <i>Journal of the American Chemical Society</i> , 2006, 128, 5184-5189.	13.7	123
5	Microarray-based detection of genetic heterogeneity, antimicrobial resistance, and the viable but nonculturable state in human pathogenic <i>Vibrio</i> spp.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 19109-19114.	7.1	115
6	Genomic and proteomic analyses of the coral pathogen <i>Vibrio coralliilyticus</i> reveal a diverse virulence repertoire. <i>ISME Journal</i> , 2011, 5, 1471-1483.	9.8	103
7	The Role of <i>Shewanella oneidensis</i> Outer Surface Structures in Extracellular Electron Transfer. <i>Electroanalysis</i> , 2010, 22, 856-864.	2.9	94
8	Combining Chemoselective Ligation with Polyhistidine-Driven Self-Assembly for the Modular Display of Biomolecules on Quantum Dots. <i>ACS Nano</i> , 2010, 4, 267-278.	14.6	91
9	Multidrug-resistant tet(X)-containing hospital isolates in Sierra Leone. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 83-86.	2.5	90
10	A Previously Uncharacterized, Nonphotosynthetic Member of the Chromatiaceae Is the Primary CO <sub>2</sub> -Fixing Constituent in a Self-Regenerating Biocathode. <i>Applied and Environmental Microbiology</i> , 2015, 81, 699-712.	3.1	89
11	Fabrication and Surface Characterization of DNA Microarrays Using Amine- and Thiol-Terminated Oligonucleotide Probes. <i>Langmuir</i> , 2003, 19, 1586-1591.	3.5	85
12	Electrochemical Investigation of a Microbial Solar Cell Reveals a Nonphotosynthetic Biocathode Catalyst. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3933-3942.	3.1	79
13	Identifying Influenza Viruses with Resequencing Microarrays. <i>Emerging Infectious Diseases</i> , 2006, 12, 638-646.	4.3	73
14	Antimicrobial Resistance Determinants in <i>Acinetobacter baumannii</i> Isolates Taken from Military Treatment Facilities. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 767-781.	3.2	66
15	Integrated metagenomic and metaproteomic analyses of marine biofilm communities. <i>Biofouling</i> , 2014, 30, 1211-1223.	2.2	66
16	Use of Oligonucleotide Microarrays for Rapid Detection and Serotyping of Acute Respiratory Disease-Associated Adenoviruses. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3232-3239.	3.9	65
17	Synthetic Biology Tools for the Fast-Growing Marine Bacterium <i>Vibrio natriegens</i> . <i>ACS Synthetic Biology</i> , 2019, 8, 2069-2079.	3.8	60
18	Detection and Genotyping of <i>Entamoeba histolytica</i> , <i>Entamoeba dispar</i> , <i>Giardia lamblia</i> , and <i>Cryptosporidium parvum</i> by Oligonucleotide Microarray. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3262-3271.	3.9	58

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19	High prevalence of multidrug resistant Enterobacteriaceae isolated from outpatient urine samples but not the hospital environment in Bo, Sierra Leone. BMC Infectious Diseases, 2016, 16, 167.	2.9	57
20	Bioelectronic control of a microbial community using surface-assembled electrogenetic cells to route signals. Nature Nanotechnology, 2021, 16, 688-697.	31.5	56
21	Virulence Gene- and Pandemic Group-Specific Marker Profiling of Clinical <i>Vibrio parahaemolyticus</i> Isolates. Journal of Clinical Microbiology, 2007, 45, 1133-1139.	3.9	52
22	Which metaproteome? The impact of protein extraction bias on metaproteomic analyses. Molecular and Cellular Probes, 2013, 27, 193-199.	2.1	47
23	Identification of <i>bla</i> <sub>OXA-51-like</sub> , <i>bla</i> <sub>OXA-58</sub> , <i>bla</i> <sub>DIM-1</sub> , and <i>bla</i> <sub>VIM</sub> Carbapenemase Genes in Hospital Enterobacteriaceae Isolates from Sierra Leone. Journal of Clinical Microbiology, 2013, 51, 2435-2438.	3.9	47
24	Melanin Produced by the Fast-Growing Marine Bacterium <i>Vibrio natriegens</i> through Heterologous Biosynthesis: Characterization and Application. Applied and Environmental Microbiology, 2020, 86, .	3.1	45
25	Function and Regulation of <i>Vibrio campbellii</i> Proteorhodopsin: Acquired Phototrophy in a Classical Organoheterotroph. PLoS ONE, 2012, 7, e38749.	2.5	42
26	Allomelanin: A Biopolymer of Intrinsic Microporosity. Journal of the American Chemical Society, 2021, 143, 4005-4016.	13.7	41
27	Antimicrobial resistance of <i>Klebsiella pneumoniae</i> stool isolates circulating in Kenya. PLoS ONE, 2017, 12, e0178880.	2.5	40
28	Indole signalling and (micro)algal auxins decrease the virulence of <i>Vibrio campbellii</i> , a major pathogen of aquatic organisms. Environmental Microbiology, 2017, 19, 1987-2004.	3.8	39
29	Potential applications of DNA microarrays in biodefense-related diagnostics. Current Opinion in Biotechnology, 2002, 13, 208-212.	6.6	38
30	Co-infections of Adenovirus Species in Previously Vaccinated Patients. Emerging Infectious Diseases, 2006, 12, 921-930.	4.3	38
31	Multidrug resistance determinants from NDM-1-producing <i>Klebsiella pneumoniae</i> in the USA. International Journal of Antimicrobial Agents, 2012, 40, 282-284.	2.5	34
32	Comparison of detection and signal amplification methods for DNA microarrays. Molecular and Cellular Probes, 2008, 22, 294-300.	2.1	33
33	Biofilm community structure and the associated drag penalties of a groomed fouling release ship hull coating. Biofouling, 2018, 34, 162-172.	2.2	33
34	Method Development for Metaproteomic Analyses of Marine Biofilms. Analytical Chemistry, 2012, 84, 4006-4013.	6.5	32
35	Exploiting the Feedstock Flexibility of the Emergent Synthetic Biology Chassis <i>Vibrio natriegens</i> for Engineered Natural Product Production. Marine Drugs, 2019, 17, 679.	4.6	29
36	Cassiosomes are stinging-cell structures in the mucus of the upside-down jellyfish <i>Cassiopea xamachana</i> . Communications Biology, 2020, 3, 67.	4.4	29

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37	Draft Genome Sequence of the Fast-Growing Marine Bacterium <i>Vibrio natriegens</i> Strain ATCC 14048. <i>Genome Announcements</i> , 2013, 1, .	0.8	28
38	LAMP assay to detect <i>Vibrio parahaemolyticus</i> causing acute hepatopancreatic necrosis disease in shrimp. <i>Aquaculture International</i> , 2015, 23, 1179-1188.	2.2	28
39	Metaproteomic evidence of changes in protein expression following a change in electrode potential in a robust biocathode microbiome. <i>Proteomics</i> , 2015, 15, 3486-3496.	2.2	28
40	Fieldable Environmental DNA Sequencing to Assess Jellyfish Biodiversity in Nearshore Waters of the Florida Keys, United States. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	27
41	The anti-idiotypic antibody to chlamydial glycolipid exoantigen (GLXA) protects mice against genital infection with a human biovar of <i>Chlamydia trachomatis</i> . <i>Vaccine</i> , 2001, 19, 4061-4071.	3.8	24
42	Molecular Characterization of Multidrug Resistant Hospital Isolates Using the Antimicrobial Resistance Determinant Microarray. <i>PLoS ONE</i> , 2013, 8, e69507.	2.5	23
43	<i>Shewanella frigidimarina</i> microbial fuel cells and the influence of divalent cations on current output. <i>Biosensors and Bioelectronics</i> , 2013, 40, 102-109.	10.1	22
44	<i>Vibrio campbellii</i> hmgA-mediated pyomelanization impairs quorum sensing, virulence, and cellular fitness. <i>Frontiers in Microbiology</i> , 2013, 4, 379.	3.5	21
45	A controlled trial for reproducibility. <i>Nature</i> , 2020, 579, 190-192.	27.8	19
46	Microbial Composition and Variability of Natural Marine Planktonic and Biofouling Communities From the Bay of Bengal. <i>Frontiers in Microbiology</i> , 2019, 10, 2738.	3.5	18
47	Locked Nucleic Acid and Flow Cytometry-Fluorescence <i>In Situ</i> Hybridization for the Detection of Bacterial Small Noncoding RNAs. <i>Applied and Environmental Microbiology</i> , 2012, 78, 14-20.	3.1	16
48	Identification of non-coding RNAs in environmental vibrios. <i>Microbiology (United Kingdom)</i> , 2010, 156, 2452-2458.	1.8	14
49	A novel <i>Vibrio</i> beta-glucosidase (LamN) that hydrolyzes the algal storage polysaccharide laminarin. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv087.	2.7	14
50	Unique and conserved genome regions in <i>Vibrio harveyi</i> and related species in comparison with the shrimp pathogen <i>Vibrio harveyi</i> CAIM 1792. <i>Microbiology (United Kingdom)</i> , 2015, 161, 1762-1779.	1.8	12
51	A Role for the Glycolipid Exoantigen (GLXA) in Chlamydial Infectivity. <i>Current Microbiology</i> , 2003, 46, 217-223.	2.2	11
52	The Hospital Microbiome Project: Meeting report for the 2nd Hospital Microbiome Project, Chicago, USA, January 15th, 2013. <i>Standards in Genomic Sciences</i> , 2013, 8, 571-579.	1.5	11
53	Complete Genome Sequence of the Bioluminescent Marine Bacterium <i>Vibrio harveyi</i> ATCC 33843 (392) Tj ETQq1 1.0.784314 rgBT /Ove	0.8	11
54	Draft Genome Sequence of the Shrimp Pathogen <i>Vibrio harveyi</i> CAIM 1792. <i>Journal of Bacteriology</i> , 2012, 194, 2104-2104.	2.2	8

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55	Complete Genome Sequence of <i>Vibrio campbellii</i> DS40M4. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	8
56	Tracking Antimicrobial Resistance Determinants in Diarrheal Pathogens: A Cross-Institutional Pilot Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5928.	4.1	8
57	Enhancement of deoxyribonucleic acid microarray performance using post-hybridization signal amplification. <i>Analytica Chimica Acta</i> , 2010, 679, 85-90.	5.4	7
58	Prevalence of Quinolone Resistance in Enterobacteriaceae from Sierra Leone and the Detection of <i>qnrB</i> Pseudogenes and Modified LexA Binding Sites. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6920-6923.	3.2	7
59	Transcript and proteomic analyses of wild-type and <i>gpa2</i> mutant <i>Saccharomyces cerevisiae</i> strains suggest a role for glycolytic carbon source sensing in pseudohyphal differentiation. <i>Molecular BioSystems</i> , 2007, 3, 623.	2.9	6
60	Reprint of "Which metaproteome? The impact of protein extraction bias on metaproteomic analyses" • <i>Molecular and Cellular Probes</i> , 2014, 28, 51-57.	2.1	6
61	Detection of <i>qnrVC</i> and <i>rmtB</i> genes from a multidrug-resistant <i>Ralstonia pickettii</i> wound infection isolate in Cambodia. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 84-85.	2.5	6
62	Antimicrobial resistance genotypes and phenotypes from multidrug-resistant bacterial wound infection isolates in Cambodia. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 198-204.	2.2	6
63	Finished Genome Sequence of the Highly Multidrug-Resistant Human Urine Isolate <i>Citrobacter freundii</i> Strain SL151. <i>Genome Announcements</i> , 2016, 4, .	0.8	6
64	Cell Surface Display of the Chlamydial Glycolipid Exoantigen (GLXA) Demonstrated by Antibody-Dependent Complement-Mediated Cytotoxicity. <i>Current Microbiology</i> , 2004, 49, 13-21.	2.2	5
65	Locked Nucleic Acid Flow Cytometry-fluorescence &in situ& Hybridization (LNA) Tj ETQq1 1 0.784314 rgBT /Overlode e3655.	0.3	5
66	Complete Genome Sequence of <i>Lactobacillus acidophilus</i> Strain ATCC 53544. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
67	A comparison of methods for DNA preparation prior to microarray analysis. <i>Analytical Biochemistry</i> , 2019, 585, 113405.	2.4	5
68	A Survey of Antimicrobial Resistance Determinants in Category A Select Agents, Exempt Strains, and Near-Neighbor Species. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1669.	4.1	5
69	Complete Genome Sequences of Two Bioluminescent <i>Vibrio campbellii</i> Strains Isolated from Biofouling Communities in the Bay of Bengal. <i>Genome Announcements</i> , 2018, 6, .	0.8	4
70	Microarray for rapid detection of microbial resistance genotypes. , 2011, , .		2
71	Antimicrobial resistance determinant microarray for analysis of multi-drug resistant isolates. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
72	Virus Nanoparticles for Signal Enhancement in Microarray Biosensors. <i>ACS Symposium Series</i> , 2009, , 141-154.	0.5	0

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73	Multivalent display of DNA conjugates on semiconductor quantum dots utilizing a novel conjugation method. Proceedings of SPIE, 2009, , .	0.8	0