

# Mark Mandel

## List of Publications by Year in descending order

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32  
papers

1,789  
citations

361413

20  
h-index

414414

32  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-Wide Identification of <i>Acinetobacter baumannii</i> Genes Necessary for Persistence in the Lung. <i>MBio</i> , 2014, 5, e01163-14.	4.1	224
2	A single regulatory gene is sufficient to alter bacterial host range. <i>Nature</i> , 2009, 458, 215-218.	27.8	177
3	Transcriptional patterns in both host and bacterium underlie a daily rhythm of anatomical and metabolic change in a beneficial symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2259-2264.	7.1	149
4	Bacterial symbionts use a type VI secretion system to eliminate competitors in their natural host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8528-E8537.	7.1	134
5	<i>Escherichia coli</i> Starvation Diets: Essential Nutrients Weigh in Distinctly. <i>Journal of Bacteriology</i> , 2005, 187, 7549-7553.	2.2	107
6	Squid-Derived Chitin Oligosaccharides Are a Chemotactic Signal during Colonization by <i>Vibrio fischeri</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 4620-4626.	3.1	94
7	Global discovery of colonization determinants in the squid symbiont <i>Vibrio fischeri</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17284-17289.	7.1	93
8	Starvation for Different Nutrients in <i>Escherichia coli</i> Results in Differential Modulation of RpoS Levels and Stability. <i>Journal of Bacteriology</i> , 2005, 187, 434-442.	2.2	85
9	AinS Quorum Sensing Regulates the <i>Vibrio fischeri</i> Acetate Switch. <i>Journal of Bacteriology</i> , 2008, 190, 5915-5923.	2.2	73
10	Comparative genomics-based investigation of resequencing targets in <i>Vibrio fischeri</i> : Focus on point miscalls and artefactual expansions. <i>BMC Genomics</i> , 2008, 9, 138.	2.8	72
11	Genetic determinants of swimming motility in the squid light organ symbiont <i>Vibrio fischeri</i> . <i>MicrobiologyOpen</i> , 2013, 2, 576-594.	3.0	58
12	O-antigen and Core Carbohydrate of <i>Vibrio fischeri</i> Lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 2012, 287, 8515-8530.	3.4	57
13	The Histidine Kinase BinK Is a Negative Regulator of Biofilm Formation and Squid Colonization. <i>Journal of Bacteriology</i> , 2016, 198, 2596-2607.	2.2	54
14	Crl Facilitates RNA Polymerase Holoenzyme Formation. <i>Journal of Bacteriology</i> , 2006, 188, 7966-7970.	2.2	45
15	Chemoreceptor VfcA Mediates Amino Acid Chemotaxis in <i>Vibrio fischeri</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 1889-1896.	3.1	45
16	CysK Plays a Role in Biofilm Formation and Colonization by <i>Vibrio fischeri</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 5223-5234.	3.1	44
17	Models and approaches to dissect host-symbiont specificity. <i>Trends in Microbiology</i> , 2010, 18, 504-511.	7.7	41
18	Transcriptional occlusion caused by overlapping promoters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1557-1561.	7.1	41

#	ARTICLE	IF	CITATIONS
19	Contribution of Rapid Evolution of the <i>luxR</i> - <i>luxI</i> Intergenic Region to the Diverse Bioluminescence Outputs of <i>Vibrio fischeri</i> Strains Isolated from Different Environments. <i>Applied and Environmental Microbiology</i> , 2011, 77, 2445-2457.	3.1	33
20	Nitric oxide inhibits biofilm formation by <i>Vibrio fischeri</i> via the nitric oxide sensor HnoX. <i>Molecular Microbiology</i> , 2019, 111, 187-203.	2.5	29
21	Do Wolbachia infections play a role in unidirectional incompatibilities in a field cricket hybrid zone?. <i>Molecular Ecology</i> , 2008, 10, 703-709.	3.9	20
22	Natural Strain Variation Reveals Diverse Biofilm Regulation in Squid-Colonizing <i>Vibrio fischeri</i> . <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	19
23	Draft Genome Sequence of <i>Vibrio fischeri</i> SR5, a Strain Isolated from the Light Organ of the Mediterranean Squid <i>Sepiola robusta</i> . <i>Journal of Bacteriology</i> , 2012, 194, 1639-1639.	2.2	15
24	TfoX-Based Genetic Mapping Identifies <i>Vibrio fischeri</i> Strain-Level Differences and Reveals a Common Lineage of Laboratory Strains. <i>Journal of Bacteriology</i> , 2015, 197, 1065-1074.	2.2	13
25	Incompatibility of <i>Vibrio fischeri</i> Strains during Symbiosis Establishment Depends on Two Functionally Redundant <i>hcp</i> Genes. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	13
26	Host-Like Conditions Are Required for T6SS-Mediated Competition among <i>Vibrio fischeri</i> Light Organ Symbionts. <i>MSphere</i> , 2021, 6, e0128820.	2.9	13
27	A Small Molecule Coordinates Symbiotic Behaviors in a Host Organ. <i>MBio</i> , 2021, 12, .	4.1	12
28	Draft Genome Sequences of Type VI Secretion System-Encoding <i>Vibrio fischeri</i> Strains FQ-A001 and ES401. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	11
29	Hybrid Histidine Kinase BinK Represses <i>Vibrio fischeri</i> Biofilm Signaling at Multiple Developmental Stages. <i>Journal of Bacteriology</i> , 2021, 203, e0015521.	2.2	8
30	Multiplexed Competition in a Synthetic Squid Light Organ Microbiome Using Barcode-Tagged Gene Deletions. <i>MSystems</i> , 2020, 5, .	3.8	6
31	d-Fining DarR, a LysR-Type Transcriptional Regulator That Responds to d-Aspartate. <i>Journal of Bacteriology</i> , 2018, 200, e00121-18.	2.2	1
32	Reports from a Healthy Community: the 7th Conference on Beneficial Microbes. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	1