Mark Mandel

List of Publications by Year
in descending order

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	A Small Molecule Coordinates Symbiotic Behaviors in a Host Organ. MBio, 2021, 12, .	4.1	12
2	Hybrid Histidine Kinase BinK Represses Vibrio fischeri Biofilm Signaling at Multiple Developmental Stages. Journal of Bacteriology, 2021, 203, e0015521.	2.2	8
3	Host-Like Conditions Are Required for T6SS-Mediated Competition among Vibrio fischeri Light Organ Symbionts. MSphere, 2021, 6, e0128820.	2.9	13
4	Multiplexed Competition in a Synthetic Squid Light Organ Microbiome Using Barcode-Tagged Gene Deletions. MSystems, 2020, 5, .	3.8	6
5	Incompatibility of Vibrio fischeri Strains during Symbiosis Establishment Depends on Two Functionally Redundant hcp Genes. Journal of Bacteriology, 2019, 201, .	2.2	13
6	Draft Genome Sequences of Type VI Secretion System-Encoding Vibrio fischeri Strains FQ-A001 and ES401. Microbiology Resource Announcements, 2019, 8, .	0.6	11
7	Natural Strain Variation Reveals Diverse Biofilm Regulation in Squid-Colonizing Vibrio fischeri. Journal of Bacteriology, 2019, 201, .	2.2	19
8	Reports from a Healthy Community: the 7th Conference on Beneficial Microbes. Applied and Environmental Microbiology, 2019, 85, .	3.1	1
9	Nitric oxide inhibits biofilm formation by Vibrio fischeri via the nitric oxide sensor HnoX. Molecular Microbiology, 2019, 111, 187-203.	2.5	29
10	d -Fining DarR, a LysR-Type Transcriptional Regulator That Responds to d -Aspartate. Journal of Bacteriology, 2018, 200, e00121-18.	2.2	1
11	Bacterial symbionts use a type VI secretion system to eliminate competitors in their natural host. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8528-E8537.	7.1	134
12	The Histidine Kinase BinK Is a Negative Regulator of Biofilm Formation and Squid Colonization. Journal of Bacteriology, 2016, 198, 2596-2607.	2.2	54
13	CysK Plays a Role in Biofilm Formation and Colonization by Vibrio fischeri. Applied and Environmental Microbiology, 2015, 81, 5223-5234.	3.1	44
14	TfoX-Based Genetic Mapping Identifies Vibrio fischeri Strain-Level Differences and Reveals a Common Lineage of Laboratory Strains. Journal of Bacteriology, 2015, 197, 1065-1074.	2.2	13
15	Global discovery of colonization determinants in the squid symbiont Vibrio fischeri. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17284-17289.	7.1	93
16	Genome-Wide Identification of Acinetobacter baumannii Genes Necessary for Persistence in the Lung. MBio, 2014, 5, e01163-14.	4.1	224
17	Transcriptional occlusion caused by overlapping promoters. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1557-1561.	7.1	41
18	Genetic determinants of swimming motility in the squid lightâ€organ symbiont <scp>V</scp>ibrio fischeri. MicrobiologyOpen, 2013, 2, 576-594.	3.0	58

#	Article	IF	Citations
19	Chemoreceptor VfcA Mediates Amino Acid Chemotaxis in Vibrio fischeri. Applied and Environmental Microbiology, 2013, 79, 1889-1896.	3.1	45
20	Draft Genome Sequence of Vibrio fischeri SR5, a Strain Isolated from the Light Organ of the Mediterranean Squid Sepiola robusta. Journal of Bacteriology, 2012, 194, 1639-1639.	2.2	15
21	O-antigen and Core Carbohydrate of Vibrio fischeri Lipopolysaccharide. Journal of Biological Chemistry, 2012, 287, 8515-8530.	3.4	57
22	Squid-Derived Chitin Oligosaccharides Are a Chemotactic Signal during Colonization by Vibrio fischeri. Applied and Environmental Microbiology, 2012, 78, 4620-4626.	3.1	94
23	Contribution of Rapid Evolution of theluxR-luxIIntergenic Region to the Diverse Bioluminescence Outputs ofVibrio fischeriStrains Isolated from Different Environments. Applied and Environmental Microbiology, 2011, 77, 2445-2457.	3.1	33
24	Transcriptional patterns in both host and bacterium underlie a daily rhythm of anatomical and metabolic change in a beneficial symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2259-2264.	7.1	149
25	Models and approaches to dissect hostâ€“symbiont specificity. Trends in Microbiology, 2010, 18, 504-511.	7.7	41
26	A single regulatory gene is sufficient to alter bacterial host range. Nature, 2009, 458, 215-218.	27.8	177
27	Do Wolbachia infections play a role in unidirectional incompatibilities in a field cricket hybrid zone?. Molecular Ecology, 2008, 10, 703-709.	3.9	20
28	Comparative genomics-based investigation of resequencing targets in Vibrio fischeri: Focus on point miscalls and artefactual expansions. BMC Genomics, 2008, 9, 138.	2.8	72
29	AinS Quorum Sensing Regulates theVibrio fischeriAcetate Switch. Journal of Bacteriology, 2008, 190, 5915-5923.	2.2	73
30	Crl Facilitates RNA Polymerase Holoenzyme Formation. Journal of Bacteriology, 2006, 188, 7966-7970.	2.2	45
31	Escherichia coli Starvation Diets: Essential Nutrients Weigh in Distinctly. Journal of Bacteriology, 2005, 187, 7549-7553.	2.2	107
32	Starvation for Different Nutrients in Escherichia coli Results in Differential Modulation of RpoS Levels and Stability. Journal of Bacteriology, 2005, 187, 434-442.	2.2	85