

# Robert M Goodman

## List of Publications by Year in descending order

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57  
papers

8,444  
citations

87723

38  
h-index

149479

56  
g-index

59  
all docs

59  
docs citations

59  
times ranked

8187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Midgut Bacterial Diversity in Tropical Caterpillars (Lepidoptera: Saturniidae) Fed on Different Diets. <i>Environmental Entomology</i> , 2011, 40, 1111-1122.	0.7	83
2	Gram negative shuttle BAC vector for heterologous expression of metagenomic libraries. <i>Gene</i> , 2011, 475, 57-62.	1.0	51
3	Polyketide synthase pathways identified from a metagenomic library are derived from soil Acidobacteria. <i>FEMS Microbiology Ecology</i> , 2011, 78, 176-187.	1.3	46
4	A phylogenetic microarray targeting 16S rRNA genes from the bacterial division Acidobacteria reveals a lineage-specific distribution in a soil clay fraction. <i>Soil Biology and Biochemistry</i> , 2010, 42, 739-747.	4.2	12
5	Changes in soil Acidobacteria communities after 2,4,6-trinitrotoluene contamination. <i>FEMS Microbiology Letters</i> , 2009, 296, 159-166.	0.7	38
6	Isolation and Cloning of High-Molecular-Weight Metagenomic DNA from Soil Microorganisms. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5271-pdb.prot5271.	0.2	13
7	Use of surface plasmon resonance imaging to study viral RNA:protein interactions. <i>Journal of Virological Methods</i> , 2008, 147, 18-25.	1.0	18
8	Recovery, Purification, and Cloning of High-Molecular-Weight DNA from Soil Microorganisms. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3302-3305.	1.4	84
9	Soil properties associated with organic matter-mediated suppression of bean root rot in field soil amended with fresh and composted paper mill residuals. <i>Soil Biology and Biochemistry</i> , 2007, 39, 2936-2948.	4.2	23
10	Finding the Needles in the Metagenome Haystack. <i>Microbial Ecology</i> , 2007, 53, 475-485.	1.4	68
11	Identification and characterization of the gene encoding the <i>Acidobacterium capsulatum</i> major sigma factor. <i>Gene</i> , 2006, 376, 144-151.	1.0	10
12	Molecular characterization of four rice genes encoding ethylene-responsive transcriptional factors and their expressions in response to biotic and abiotic stress. <i>Journal of Plant Physiology</i> , 2006, 163, 1167-1178.	1.6	126
13	Microbial response over time to hydrologic and fertilization treatments in a simulated wet prairie. <i>Plant and Soil</i> , 2006, 284, 85-100.	1.8	117
14	Linking soil process and microbial ecology in freshwater wetland ecosystems. <i>Plant and Soil</i> , 2006, 289, 17-34.	1.8	155
15	Cultivation of Mesophilic Soil Crenarchaeotes in Enrichment Cultures from Plant Roots. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4751-4760.	1.4	90
16	Census of the Bacterial Community of the Gypsy Moth Larval Midgut by Using Culturing and Culture-Independent Methods. <i>Applied and Environmental Microbiology</i> , 2004, 70, 293-300.	1.4	472
17	Comparison of Crenarchaeal Consortia Inhabiting the Rhizosphere of Diverse Terrestrial Plants with Those in Bulk Soil in Native Environments. <i>Applied and Environmental Microbiology</i> , 2004, 70, 1821-1826.	1.4	72
18	Spatial Heterogeneity of Crenarchaeal Assemblages within Mesophilic Soil Ecosystems as Revealed by PCR-Single-Stranded Conformation Polymorphism Profiling. <i>Applied and Environmental Microbiology</i> , 2004, 70, 1811-1820.	1.4	55

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19	Uncultured soil bacteria are a reservoir of new antibiotic resistance genes. <i>Environmental Microbiology</i> , 2004, 6, 981-989.	1.8	445
20	Systemic Acquired Resistance and Induced Systemic Resistance in Conventional Agriculture. <i>Crop Science</i> , 2004, 44, 1920-1934.	0.8	656
21	Plant foliar disease suppression mediated by composted forms of paper mill residuals exhibits molecular features of induced resistance. <i>Physiological and Molecular Plant Pathology</i> , 2003, 63, 65-77.	1.3	59
22	A Census of rRNA Genes and Linked Genomic Sequences within a Soil Metagenomic Library. <i>Applied and Environmental Microbiology</i> , 2003, 69, 2684-2691.	1.4	182
23	Isolation of Antibiotics Turbomycin A and B from a Metagenomic Library of Soil Microbial DNA. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4301-4306.	1.4	435
24	Cloning the metagenome: Culture-independent access to the diversity and functions of the uncultivated microbial world. <i>Methods in Microbiology</i> , 2002, 33, 241-255.	0.4	48
25	OsBIMK1, a rice MAP kinase gene involved in disease resistance responses. <i>Planta</i> , 2002, 215, 997-1005.	1.6	117
26	Label-free detection of 16S ribosomal RNA hybridization on reusable DNA arrays using surface plasmon resonance imaging. <i>Environmental Microbiology</i> , 2002, 4, 735-743.	1.8	52
27	Surface Plasmon Resonance Imaging Measurements of DNA and RNA Hybridization Adsorption onto DNA Microarrays. <i>Analytical Chemistry</i> , 2001, 73, 1-7.	3.2	653
28	Influence of Tomato Genotype on Growth of Inoculated and Indigenous Bacteria in the Spherosphere. <i>Applied and Environmental Microbiology</i> , 2001, 67, 514-520.	1.4	55
29	Crenarchaeota colonize terrestrial plant roots. <i>Environmental Microbiology</i> , 2000, 2, 495-505.	1.8	117
30	Synergy Between Zwittermicin A and <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> Against Gypsy Moth (Lepidoptera: Lymantriidae). <i>Environmental Entomology</i> , 2000, 29, 101-107.	0.7	80
31	Cloning the Soil Metagenome: a Strategy for Accessing the Genetic and Functional Diversity of Uncultured Microorganisms. <i>Applied and Environmental Microbiology</i> , 2000, 66, 2541-2547.	1.4	1,076
32	Behavior of <i>Pythium torulosum</i> Zoospores During Their Interaction with Tobacco Roots and <i>Bacillus cereus</i> . <i>Current Microbiology</i> , 1999, 38, 199-204.	1.0	30
33	The Earth's bounty: assessing and accessing soil microbial diversity. <i>Trends in Biotechnology</i> , 1999, 17, 403-409.	4.9	176
34	HOST VARIATION FOR INTERACTIONS WITH BENEFICIAL PLANT-ASSOCIATED MICROBES. <i>Annual Review of Phytopathology</i> , 1999, 37, 473-491.	3.5	195
35	Molecular biological access to the chemistry of unknown soil microbes: a new frontier for natural products. <i>Chemistry and Biology</i> , 1998, 5, R245-R249.	6.2	1,471
36	Modeling Dose-Response Relationships in Biological Control: Partitioning Host Responses to the Pathogen and Biocontrol Agent. <i>Phytopathology</i> , 1997, 87, 720-729.	1.1	78

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37	The regions of sequence variation in caulimovirus gene VI. <i>Virology</i> , 1991, 182, 830-834.	1.1	15
38	Characteristics of a strong promoter from figwort mosaic virus: comparison with the analogous 35S promoter from cauliflower mosaic virus and the regulated mannopine synthase promoter. <i>Plant Molecular Biology</i> , 1990, 14, 433-443.	2.0	135
39	Transcriptional regulatory sequences from plant viruses. <i>BioEssays</i> , 1986, 4, 4-8.	1.2	1
40	Identification of soybean mosaic, southern bean mosaic and tobacco ringspot viruses from soybean in the People's Republic of China. <i>Annals of Applied Biology</i> , 1986, 108, 51-57.	1.3	15
41	The molecular biology of plant DNA viruses. <i>Critical Reviews in Plant Sciences</i> , 1985, 2, 287-316.	2.7	25
42	Restriction map and southern analysis of the bean golden mosaic virus genome. <i>Virology</i> , 1983, 129, 469-473.	1.1	15
43	Evaluation of Resistance in Soybeans to Soybean Mosaic Virus Strains <sup>1</sup> . <i>Crop Science</i> , 1982, 22, 1133-1136.	0.8	109
44	New Sources of Resistance to Seed Transmission of Soybean Mosaic Virus in Soybeans 1. <i>Crop Science</i> , 1982, 22, 155-156.	0.8	3
45	Alate aphid (Homoptera: Aphididae) species and their relative importance as field vectors of soybean mosaic virus. <i>Annals of Applied Biology</i> , 1981, 97, 1-9.	1.3	81
46	Evidence for a divided genome in bean golden mosaic virus, a geminivirus. <i>Nature</i> , 1981, 289, 324-326.	13.7	63
47	ECOLOGY AND CONTROL OF SOYBEAN MOSAIC VIRUS. , 1981, , 181-220.		38
48	The composition of bean golden mosaic virus and its single-stranded DNA genome. <i>Virology</i> , 1980, 106, 168-172.	1.1	28
49	Seed Transmission and Yield Losses in Tropical Soybeans Infected by Soybean Mosaic Virus. <i>Plant Disease</i> , 1980, 64, 913.	0.7	26
50	The size and topology of single-stranded DNA from bean golden mosaic virus. <i>Virology</i> , 1979, 97, 388-395.	1.1	18
51	Identification of Soybean Germplasm Lines and Cultivars with Low Incidence of Soybean Mosaic Virus Transmission through Seed 1. <i>Crop Science</i> , 1979, 19, 264-267.	0.8	16
52	Infection of phaseolus vulgaris by bean golden mosaic virus: Ultrastructural Aspects. <i>Virology</i> , 1978, 89, 22-33.	1.1	73
53	Analysis of terminal structures of RNA from potato virus X. <i>Nucleic Acids Research</i> , 1978, 5, 2501-2512.	6.5	77
54	Single-stranded DNA genome in a whitefly-transmitted plant virus. <i>Virology</i> , 1977, 83, 171-179.	1.1	114

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55	Infectious DNA from a whitefly-transmitted virus of <i>Phaseolus vulgaris</i> . <i>Nature</i> , 1977, 266, 54-55.	13.7	52
56	An Unusual Viruslike Particle Associated with Golden Yellow Mosaic of Beans. <i>Phytopathology</i> , 1977, 77, 37.	1.1	32
57	Reconstitution of potato virus X in vitro. <i>Virology</i> , 1975, 68, 287-298.	1.1	50