# 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 | Molecular biological access to the chemistry of unknown soil microbes: a new frontier for natural products. Chemistry and Biology, 1998, 5, R245-R249. | 6.2 | 1,471 |
| 2 | Cloning the Soil Metagenome: a Strategy for Accessing the Genetic and Functional Diversity of Uncultured Microorganisms. Applied and Environmental Microbiology, 2000, 66, 2541-2547. | 1.4 | 1,076 |
| 3 | Systemic Acquired Resistance and Induced Systemic Resistance in Conventional Agriculture. Crop Science, 2004, 44, 1920-1934. | 0.8 | 656 |
| 4 | Surface Plasmon Resonance Imaging Measurements of DNA and RNA Hybridization Adsorption onto DNA Microarrays. Analytical Chemistry, 2001, 73, 1-7. | 3.2 | 653 |
| 5 | Census of the Bacterial Community of the Gypsy Moth Larval Midgut by Using Culturing and Culture-Independent Methods. Applied and Environmental Microbiology, 2004, 70, 293-300. | 1.4 | 472 |
| 6 | Uncultured soil bacteria are a reservoir of new antibiotic resistance genes. Environmental Microbiology, 2004, 6, 981-989. | 1.8 | 445 |
| 7 | Isolation of Antibiotics Turbomycin A and B from a Metagenomic Library of Soil Microbial DNA. Applied and Environmental Microbiology, 2002, 68, 4301-4306. | 1.4 | 435 |
| 8 | HOSTVARIATION FORINTERACTIONS WITHBENEFICIALPLANT-ASSOCIATEDMICROBES. Annual Review of Phytopathology, 1999, 37, 473-491. | 3.5 | 195 |
| 9 | A Census of rRNA Genes and Linked Genomic Sequences within a Soil Metagenomic Library. Applied and Environmental Microbiology, 2003, 69, 2684-2691. | 1.4 | 182 |
| 10 | The Earthâ€™s bounty: assessing and accessing soil microbial diversity. Trends in Biotechnology, 1999, 17, 403-409. | 4.9 | 176 |
| 11 | Linking soil process and microbial ecology in freshwater wetland ecosystems. Plant and Soil, 2006, 289, 17-34. | 1.8 | 155 |
| 12 | 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. Plant Molecular Biology, 1990, 14, 433-443. | 2.0 | 135 |
| 13 | Molecular characterization of four rice genes encoding ethylene-responsive transcriptional factors and their expressions in response to biotic and abiotic stress. Journal of Plant Physiology, 2006, 163, 1167-1178. | 1.6 | 126 |
| 14 | Crenarchaeota colonize terrestrial plant roots. Environmental Microbiology, 2000, 2, 495-505. | 1.8 | 117 |
| 15 | OsBIMK1 , a rice MAP kinase gene involved in disease resistance responses. Planta, 2002, 215, 997-1005. | 1.6 | 117 |
| 16 | Microbial response over time to hydrologic and fertilization treatments in a simulated wet prairie. Plant and Soil, 2006, 284, 85-100. | 1.8 | 117 |
| 17 | Single-stranded DNA genome in a whitefly-transmitted plant virus. Virology, 1977, 83, 171-179. | 1.1 | 114 |
| 18 | Evaluation of Resistance in Soybeans to Soybean Mosaic Virus Strains<sup>1</sup>. Crop Science, 1982, 22, 1133-1136. | 0.8 | 109 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Cultivation of Mesophilic Soil Crenarchaeotes in Enrichment Cultures from Plant Roots. Applied and Environmental Microbiology, 2005, 71, 4751-4760. | 1.4 | 90 |
| 20 | Recovery, Purification, and Cloning of High-Molecular-Weight DNA from Soil Microorganisms. Applied and Environmental Microbiology, 2008, 74, 3302-3305. | 1.4 | 84 |
| 21 | Comparison of Midgut Bacterial Diversity in Tropical Caterpillars (Lepidoptera: Saturniidae) Fed on Different Diets. Environmental Entomology, 2011, 40, 1111-1122. | 0.7 | 83 |
| 22 | Alate aphid (Homoptera: Aphididae) species and their relative importance as field vectors of soybean mosaic virus. Annals of Applied Biology, 1981, 97, 1-9. | 1.3 | 81 |
| 23 | Synergy Between Zwittermicin A andBacillus thuringiensissubsp.kurstakiAgainst Gypsy Moth (Lepidoptera: Lymantriidae). Environmental Entomology, 2000, 29, 101-107. | 0.7 | 80 |
| 24 | Modeling Dose-Response Relationships in Biological Control: Partitioning Host Responses to the Pathogen and Biocontrol Agent. Phytopathology, 1997, 87, 720-729. | 1.1 | 78 |
| 25 | Analysis of terminal structures of RNA from potato virus X. Nucleic Acids Research, 1978, 5, 2501-2512. | 6.5 | 77 |
| 26 | Infection of phaseolus vulgaris by bean golden mosaic virus: Ultrastructural Aspects. Virology, 1978, 89, 22-33. | 1.1 | 73 |
| 27 | Comparison of Crenarchaeal Consortia Inhabiting the Rhizosphere of Diverse Terrestrial Plants with Those in Bulk Soil in Native Environments. Applied and Environmental Microbiology, 2004, 70, 1821-1826. | 1.4 | 72 |
| 28 | Finding the Needles in the Metagenome Haystack. Microbial Ecology, 2007, 53, 475-485. | 1.4 | 68 |
| 29 | Evidence for a divided genome in bean golden mosaic virus, a geminivirus. Nature, 1981, 289, 324-326. | 13.7 | 63 |
| 30 | Plant foliar disease suppression mediated by composted forms of paper mill residuals exhibits molecular features of induced resistance. Physiological and Molecular Plant Pathology, 2003, 63, 65-77. | 1.3 | 59 |
| 31 | Influence of Tomato Genotype on Growth of Inoculated and Indigenous Bacteria in the Spermosphere. Applied and Environmental Microbiology, 2001, 67, 514-520. | 1.4 | 55 |
| 32 | Spatial Heterogeneity of Crenarchaeal Assemblages within Mesophilic Soil Ecosystems as Revealed by PCR-Single-Stranded Conformation Polymorphism Profiling. Applied and Environmental Microbiology, 2004, 70, 1811-1820. | 1.4 | 55 |
| 33 | Infectious DNA from a whitefly-transmitted virus of Phaseolus vulgaris. Nature, 1977, 266, 54-55. | 13.7 | 52 |
| 34 | Label-free detection of 16S ribosomal RNA hybridization on reusable DNA arrays using surface plasmon resonance imaging. Environmental Microbiology, 2002, 4, 735-743. | 1.8 | 52 |
| 35 | Gram negative shuttle BAC vector for heterologous expression of metagenomic libraries. Gene, 2011, 475, 57-62. | 1.0 | 51 |
| 36 | Reconstitution of potato virus X in vitro. Virology, 1975, 68, 287-298. | 1.1 | 50 |

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|---|---|---|---|
| 37 | Cloning the metagenome: Culture-independent access to thediversity and functions of the uncultivated microbial world. Methods in Microbiology, 2002, 33, 241-255. | 0.4 | 48 |
| 38 | Polyketide synthase pathways identified from a metagenomic library are derived from soil Acidobacteria. FEMS Microbiology Ecology, 2011, 78, 176-187. | 1.3 | 46 |
| 39 | Changes in soilAcidobacteriacommunities after 2,4,6-trinitrotoluene contamination. FEMS Microbiology Letters, 2009, 296, 159-166. | 0.7 | 38 |
| 40 | ECOLOGY AND CONTROL OF SOYBEAN MOSAIC VIRUS. , 1981, , 181-220. | | 38 |
| 41 | An Unusual Viruslike Particle Associated with Golden Yellow Mosaic of Beans. Phytopathology, 1977, 77, 37. | 1.1 | 32 |
| 42 | Behavior of Pythium torulosum Zoospores During Their Interaction with Tobacco Roots and Bacillus cereus. Current Microbiology, 1999, 38, 199-204. | 1.0 | 30 |
| 43 | The composition of bean golden mosaic virus and its single-stranded DNA genome. Virology, 1980, 106, 168-172. | 1.1 | 28 |
| 44 | Seed Transmission and Yield Losses in Tropical Soybeans Infected by Soybean Mosaic Virus. Plant Disease, 1980, 64, 913. | 0.7 | 26 |
| 45 | The molecular biology of plant DNA viruses. Critical Reviews in Plant Sciences, 1985, 2, 287-316. | 2.7 | 25 |
| 46 | Soil properties associated with organic matter-mediated suppression of bean root rot in field soil amended with fresh and composted paper mill residuals. Soil Biology and Biochemistry, 2007, 39, 2936-2948. | 4.2 | 23 |
| 47 | The size and topology of single-stranded DNA from bean golden mosaic virus. Virology, 1979, 97, 388-395. | 1.1 | 18 |
| 48 | Use of surface plasmon resonance imaging to study viral RNA:protein interactions. Journal of Virological Methods, 2008, 147, 18-25. | 1.0 | 18 |
| 49 | Identification of Soybean Germplasm Lines and Cultivars with Low Incidence of Soybean Mosaic Virus Transmission through Seed 1. Crop Science, 1979, 19, 264-267. | 0.8 | 16 |
| 50 | Restriction map and southern analysis of the bean golden mosaic virus genome. Virology, 1983, 129, 469-473. | 1.1 | 15 |
| 51 | Identification of soybean mosaic, southern bean mosaic and tobacco ringspot viruses from soybean in the People's Republic of China. Annals of Applied Biology, 1986, 108, 51-57. | 1.3 | 15 |
| 52 | The regions of sequence variation in caulimovirus gene VI. Virology, 1991, 182, 830-834. | 1.1 | 15 |
| 53 | Isolation and Cloning of High-Molecular-Weight Metagenomic DNA from Soil Microorganisms. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5271-pdb.prot5271. | 0.2 | 13 |
| 54 | A phylogenetic microarray targeting 16S rRNA genes from the bacterial division Acidobacteria reveals a lineage-specific distribution in a soil clay fraction. Soil Biology and Biochemistry, 2010, 42, 739-747. | 4.2 | 12 |

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|---|---|---|---|
| 55 | Identification and characterization of the gene encoding the Acidobacterium capsulatum major sigma factor. Gene, 2006, 376, 144-151. | 1.0 | 10 |
| 56 | New Sources of Resistance to Seed Transmission of Soybean Mosaic Virus in Soybeans 1. Crop Science, 1982, 22, 155-156. | 0.8 | 3 |
| 57 | Transcriptional regulatory sequences from plant viruses. BioEssays, 1986, 4, 4-8. | 1.2 | 1 |