

# Rolf Jansen

## List of Publications by Year in descending order

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137  
all docs

137  
docs citations

137  
times ranked

5520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corallopyronin A: antimicrobial discovery to preclinical development. <i>Natural Product Reports</i> , 2022, 39, 1705-1720.	10.3	13
2	The RNA Polymerase Inhibitor Corallopyronin A Has a Lower Frequency of Resistance Than Rifampicin in <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2022, 11, 920.	3.7	4
3	Total Synthesis of Thuggacin cmc-A and Its Structure Determination. <i>Organic Letters</i> , 2021, 23, 5208-5212.	4.6	5
4	Amidochelocardin Overcomes Resistance Mechanisms Exerted on Tetracyclines and Natural Chelocardin. <i>Antibiotics</i> , 2020, 9, 619.	3.7	10
5	Solubility and Stability Enhanced Oral Formulations for the Anti-Infective Corallopyronin A. <i>Pharmaceutics</i> , 2020, 12, 1105.	4.5	12
6	Corallopyronin A for short-course anti-wolbachial, microfilaricidal treatment of filarial infections. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008930.	3.0	26
7	Production optimization and biosynthesis revision of corallopyronin A, a potent anti-filarial antibiotic. <i>Metabolic Engineering</i> , 2019, 55, 201-211.	7.0	35
8	Kenalactams Aâ€“E, Polyene Macrolactams Isolated from <i>Nocardiosis</i> CG3. <i>Journal of Natural Products</i> , 2019, 82, 1081-1088.	3.0	21
9	Structures of an RNA polymerase promoter melting intermediate elucidate DNA unwinding. <i>Nature</i> , 2019, 565, 382-385.	27.8	83
10	Correlating chemical diversity with taxonomic distance for discovery of natural products in myxobacteria. <i>Nature Communications</i> , 2018, 9, 803.	12.8	137
11	A fluorescence anisotropy assay to discover and characterize ligands targeting the maytansine site of tubulin. <i>Nature Communications</i> , 2018, 9, 2106.	12.8	41
12	Six Heterocyclic Metabolites from the Myxobacterium <i>Labilithrix luteola</i> . <i>Molecules</i> , 2018, 23, 542.	3.8	32
13	Lanyamycin, a macrolide antibiotic from <i>Sorangium cellulosum</i> , strain Soce 481 (Myxobacteria). <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1554-1562.	2.2	12
14	Preussilides Aâ€“F, Bicyclic Polyketides from the Endophytic Fungus <i>Preussia similis</i> with Antiproliferative Activity. <i>Journal of Natural Products</i> , 2017, 80, 1531-1540.	3.0	32
15	Linoleic and palmitoleic acid block streptokinase-mediated plasminogen activation and reduce severity of invasive group A streptococcal infection. <i>Scientific Reports</i> , 2017, 7, 11798.	3.3	4
16	Sorazolons, Carbazole Alkaloids from <i>Sorangium cellulosum</i> Strain Soce375. <i>Journal of Natural Products</i> , 2016, 79, 369-375.	3.0	28
17	Pinensins: The First Antifungal Lantibiotics. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11254-11258.	13.8	112
18	Total and Semi-syntheses of Antimicrobial Thuggacin Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 4272-4284.	3.3	11

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19	Two of a Kind—The Biosynthetic Pathways of Chlorotonil and Anthracimycin. <i>ACS Chemical Biology</i> , 2015, 10, 2480-2490.	3.4	26
20	Edonamides, the first secondary metabolites from the recently described myxobacterium <i>Aggregicoccus edonensis</i> . <i>Tetrahedron Letters</i> , 2015, 56, 6402-6404.	1.4	6
21	Binding Mode Characterization of Novel RNA Polymerase Inhibitors Using a Combined Biochemical and NMR Approach. <i>ACS Chemical Biology</i> , 2014, 9, 2656-2663.	3.4	15
22	Pyrronazols, Metabolites from the Myxobacteria <i>Nannocystis pusilla</i> and <i>N. exedens</i> , Are Unusual Chlorinated Pyrone-Oxazole-Pyrroles. <i>Journal of Natural Products</i> , 2014, 77, 320-326.	3.0	41
23	Nannozinones and Sorazinones, Unprecedented Pyrazinones from Myxobacteria. <i>Journal of Natural Products</i> , 2014, 77, 2545-2552.	3.0	44
24	Antimalarial Activity of the Myxobacterial Macrolide Chlorotonil A. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6378-6384.	3.2	43
25	Hyafurones, Hyapyrrolines, and Hyapyrones: Polyketides from <i>Hyalangium minutum</i> . <i>Journal of Natural Products</i> , 2014, 77, 1420-1429.	3.0	24
26	Disciformycins A and B: 12-Membered Macrolide Glycoside Antibiotics from the Myxobacterium <i>Pyxidicoccus fallax</i> Active against Multiresistant Staphylococci. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13588-13591.	13.8	46
27	Indothiazinone, an Indolyl Thiazolyl Ketone from a Novel Myxobacterium Belonging to the Sorangiineae. <i>Journal of Natural Products</i> , 2014, 77, 1054-1060.	3.0	27
28	GE23077 binds to the RNA polymerase $\sigma^{70}$ and $\sigma^{32}$ sites and prevents the binding of initiating nucleotides. <i>ELife</i> , 2014, 3, e02450.	6.0	68
29	Synthesis of C11-Desmethoxy Soraphen A <sub>1±</sub> : A Natural Product Analogue That Inhibits Acetyl-CoA Carboxylase. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1244-1248.	2.8	9
30	Concerted Action of P450 Plus Helper Protein To Form the Amino-hydroxy-piperidone Moiety of the Potent Protease Inhibitor Crocapeptin. <i>Journal of the American Chemical Society</i> , 2013, 135, 16885-16894.	13.7	27
31	Identification of myxobacteria-derived HIV inhibitors by a high-throughput two-step infectivity assay. <i>Microbial Cell Factories</i> , 2013, 12, 85.	4.0	34
32	Cohaerins C <sub>1</sub> K, azaphilone pigments from <i>Annulohyphoxylon cohaerens</i> and absolute stereochemistry of cohaerins C <sub>1</sub> K. <i>Phytochemistry</i> , 2013, 95, 252-258.	2.9	43
33	Screening of small molecules affecting mammalian P-body assembly uncovers links with diverse intracellular processes and organelle physiology. <i>RNA Biology</i> , 2013, 10, 1661-1669.	3.1	11
34	The Binding Site of the V-ATPase Inhibitor Apicularen Is in the Vicinity of Those for Bafilomycin and Archazolid. <i>Journal of Biological Chemistry</i> , 2012, 287, 31866-31876.	3.4	18
35	Indiacens A and B: Prenyl Indoles from the Myxobacterium <i>Sandaracinus amylolyticus</i> . <i>Journal of Natural Products</i> , 2012, 75, 1803-1805.	3.0	39
36	Total synthesis of noricumazole B establishes d-arabinose as glycan unit. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8298.	2.8	8

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37	Hyaladione, an <i>S</i> -Methyl Cyclohexadiene-dione from <i>Hyalangium minutum</i> . Journal of Natural Products, 2012, 75, 768-770.	3.0	23
38	Opening and Closing of the Bacterial RNA Polymerase Clamp. Science, 2012, 337, 591-595.	12.6	210
39	Precursor-Directed Syntheses and Biological Evaluation of New Elansolid Derivatives. ChemBioChem, 2012, 13, 1813-1817.	2.6	22
40	Sulfangolids, Macrolide Sulfate Esters from <i>Sorangium cellulosum</i> . Chemistry - A European Journal, 2012, 18, 6264-6271.	3.3	18
41	Isolation and Total Synthesis of Icumazoles and Noricumazoles Antifungal Antibiotics and Cation-Channel Blockers from <i>Sorangium cellulosum</i> . Angewandte Chemie - International Edition, 2012, 51, 1256-1260.	13.8	34
42	Marinoquinolines A-F, Pyrroloquinolines from <i>Ohtaekwangia kribbensis</i> (Bacteroidetes). Journal of Natural Products, 2011, 74, 603-608.	3.0	109
43	<i>p</i> -Hydroxyacetophenone Amides from <i>Cystobacter ferrugineus</i> , strain Cb G35. Journal of Natural Products, 2011, 74, 1358-1363.	3.0	9
44	New target for inhibition of bacterial RNA polymerase: "switch region"™. Current Opinion in Microbiology, 2011, 14, 532-543.	5.1	176
45	Hepatitis C virus complete life cycle screen for identification of small molecules with pro- or antiviral activity. Antiviral Research, 2011, 89, 136-148.	4.1	41
46	GephyronsÄure, ein fehlendes Bindeglied zwischen Polyketid- Inhibitoren der eukaryotischen Proteinsynthese (TeilÄ...I): Strukturrevision und stereochemische Zuordnung. Angewandte Chemie, 2011, 123, 968-971.	2.0	2
47	ElansolidÄ...A, a Unique Macrolide Antibiotic from <i>Chitinophaga sancti</i> Isolated as Two Stable Atropisomers. Angewandte Chemie - International Edition, 2011, 50, 532-536.	13.8	45
48	Gephyronic Acid, a Missing Link between Polyketide Inhibitors of Eukaryotic Protein Synthesis (Part II): Total Synthesis of Gephyronic Acid. Angewandte Chemie - International Edition, 2011, 50, 942-945.	13.8	15
49	Molecular Basis of Elansolid Biosynthesis: Evidence for an Unprecedented Quinone Methide Initiated Intramolecular DielsÄlder Cycloaddition/Macrolactonization. Angewandte Chemie - International Edition, 2011, 50, 3882-3887.	13.8	78
50	Roimatacene: An Antibiotic against Gram-Negative Bacteria Isolated from <i>Cystobacter ferrugineus</i> Cb G35 (Myxobacteria). Chemistry - A European Journal, 2011, 17, 7875-7881.	3.3	21
51	ElansolidÄ...A3, a Unique <i>p</i> -Quinone Methide Antibiotic from <i>Chitinophaga sancti</i> . Chemistry - A European Journal, 2011, 17, 7739-7744.	3.3	73
52	Rescue of Progranulin Deficiency Associated with Frontotemporal Lobar Degeneration by Alkalinizing Reagents and Inhibition of Vacuolar ATPase. Journal of Neuroscience, 2011, 31, 1885-1894.	3.6	121
53	Abstract C214: Disorazol Z: A highly cytotoxic natural compound with antitumor properties.. Molecular Cancer Therapeutics, 2011, 10, C214-C214.	4.1	6
54	Carolacton Ä...A A Macrolide Ketocarboxylic Acid that Reduces Biofilm Formation by the Caries- and Endocarditis-Associated Bacterium <i>Streptococcus mutans</i> . European Journal of Organic Chemistry, 2010, 2010, 1284-1289.	2.4	59

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55	Isolation and Synthesis of Chivotriene, a Chivosazole Shunt Product from <i>Sorangium cellulosum</i> . European Journal of Organic Chemistry, 2010, 2010, 5155-5159.	2.4	7
56	<i>Streptococcus mutans</i> Inhibits <i>Candida albicans</i> Hyphal Formation by the Fatty Acid Signaling Molecule <i>trans-2-Decenoic Acid</i> (SDSF). ChemBioChem, 2010, 11, 1552-1562.	2.6	128
57	Chivosazoles A and F, Cytostatic Macrolides from Myxobacteria, Interfere with Actin. ChemBioChem, 2009, 10, 2900-2903.	2.6	19
58	The Absolute Configuration of Rhizopodin and Its Inhibition of Actin Polymerization by Dimerization. Angewandte Chemie - International Edition, 2009, 48, 595-598.	13.8	60
59	Balticols A-F, New Naphthalenone Derivatives with Antiviral Activity, from an Ascomycetous Fungus. Chemistry and Biodiversity, 2009, 6, 127-137.	2.1	43
60	Lyngbyazothrins A-D, Antimicrobial Cyclic Undecapeptides from the Cultured Cyanobacterium <i>Lyngbya</i> sp.. Journal of Natural Products, 2009, 72, 1373-1378.	3.0	47
61	Chlorotonil A, a Macrolide with a Unique gem-Dichloro-1,3-dione Functionality from <i>Sorangium cellulosum</i> , Soe...ce1525. Angewandte Chemie - International Edition, 2008, 47, 600-602.	13.8	46
62	Chondramide A-C: Synthesis, Configurational Assignment, and Structure-Activity Relationship Studies. Angewandte Chemie - International Edition, 2008, 47, 6478-6482.	13.8	43
63	Isolation and structure revision of the actin-binding macrolide rhizopodin from <i>Myxococcus stipitatus</i> (Myxobacteria). Tetrahedron Letters, 2008, 49, 5796-5799.	1.4	46
64	The RNA Polymerase $\alpha$ -Switch Region Is a Target for Inhibitors. Cell, 2008, 135, 295-307.	28.9	234
65	Stereochemical Determination and Complex Biosynthetic Assembly of Etnangien, a Highly Potent RNA Polymerase Inhibitor from the Myxobacterium <i>Sorangium cellulosum</i> . Journal of the American Chemical Society, 2008, 130, 14234-14243.	13.7	110
66	Antimycobacterial Serratamolides and Diacyl Peptoglycosamine Derivatives from <i>Serratia</i> sp. Journal of Natural Products, 2008, 71, 637-641.	3.0	30
67	Rifamycins do not function by allosteric modulation of binding of Mg <sup>2+</sup> to the RNA polymerase active center. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14820-14825.	7.1	90
68	Rhamnolipids from the Rhizosphere Bacterium <i>Pseudomonas</i> GRP3 That Reduces Damping-off Disease in Chilli and Tomato Nurseries. Journal of Natural Products, 2007, 70, 941-947.	3.0	72
69	Etnangien, a Macrolide-Polyene Antibiotic from <i>Sorangium cellulosum</i> That Inhibits Nucleic Acid Polymerases. Journal of Natural Products, 2007, 70, 1060-1063.	3.0	61
70	Cyclic Depsipeptides, Ichthyopeptins A and B, from <i>Microcystis ichthyoblabe</i> . Journal of Natural Products, 2007, 70, 1084-1088.	3.0	58
71	Carbamidocyclophanes A-E, Chlorinated Paracyclophanes with Cytotoxic and Antibiotic Activity from the Vietnamese Cyanobacterium <i>Nostoc</i> sp.. Journal of Natural Products, 2007, 70, 499-503.	3.0	78
72	Thuggacins, Macrolide Antibiotics Active against <i>Mycobacterium tuberculosis</i> : Isolation from Myxobacteria, Structure Elucidation, Conformation Analysis and Biosynthesis. Chemistry - A European Journal, 2007, 13, 5822-5832.	3.3	62

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73	Chivosazoleâ€¦â€”Elucidation of the Absolute and Relative Configuration. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4898-4901.	13.8	81
74	The Thuggacins, Novel Antibacterial Macrolides from <i>Sorangium cellulosum</i> Acting against Selected Gram-positive Bacteria. <i>Journal of Antibiotics</i> , 2007, 60, 733-738.	2.0	40
75	7- <i>O</i> -Malonyl Macrolactin A, a New Macrolactin Antibiotic from <i>Bacillus subtilis</i> Active against Methicillin-Resistant <i>Staphylococcus aureus</i> , Vancomycin-Resistant Enterococci, and a Small-Colony Variant of <i>Burkholderia cepacia</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1701-1709.	3.2	129
76	Structural, functional, and genetic analysis of sorangicin inhibition of bacterial RNA polymerase. <i>EMBO Journal</i> , 2005, 24, 674-682.	7.8	137
77	Archazolid and apicularen: novel specific V-ATPase inhibitors. <i>BMC Biochemistry</i> , 2005, 6, 13.	4.4	112
78	Ajudazols, New Inhibitors of the Mitochondrial Electron Transport from <i>Chondromyces crocatus</i> : Production, Antimicrobial Activity and Mechanism of Action. <i>Journal of Antibiotics</i> , 2004, 57, 151-155.	2.0	66
79	Fatty acids with antibacterial activity from the cyanobacterium <i>Oscillatoria redekei</i> HUB 051. <i>Journal of Applied Phycology</i> , 2003, 15, 263-267.	2.8	105
80	Chondrochloren A and B, New Î²-Amino Styrenes from <i>Chondromyces crocatus</i> (Myxobacteria). <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2684-2689.	2.4	40
81	The Ajudazols A and B, Novel Isochromanones from <i>Chondromyces crocatus</i> (Myxobacteria): Isolation and Structure Elucidation. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 917-921.	2.4	56
82	Apicularen A and B, Cytotoxic 10-Membered Lactones with a Novel Mechanism of Action from <i>Chondromyces</i> Species (Myxobacteria): Isolation, Structure Elucidation, and Biosynthesis. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 913-919.	2.4	78
83	Ganomycins A and B, New Antimicrobial Farnesyl Hydroquinones from the Basidiomycete <i>Ganoderma pfeifferi</i> . <i>Journal of Natural Products</i> , 2000, 63, 416-418.	3.0	144
84	Title is missing!. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 913-919.	2.4	7
85	The Crocacins, Novel Antifungal and Cytotoxic Antibiotics from <i>Chondromyces crocatus</i> and <i>Chondromyces pediculatus</i> (Myxobacteria): Isolation and Structure Elucidation. , 1999, 1999, 1085-1089.		74
86	Apicularens A and B, New Cytostatic Macrolides from <i>Chondromyces</i> Species (Myxobacteria): Production, Physico-chemical and Biological Properties.. <i>Journal of Antibiotics</i> , 1998, 51, 1075-1080.	2.0	165
87	Antibiotics from Gliding Bacteria, LXXX. Chivosazoles Aâ€”F: Novel Antifungal and Cytotoxic Macrolides from <i>Sorangium cellulosum</i> (myxobacteria). <i>Liebigs Annalen</i> , 1997, 1997, 1725-1732.	0.8	45
88	Identification of S-(2,3-Dihydroxypropyl)cystein in a Macrophage-Activating Lipopeptide from <i>Mycoplasma fermentans</i> . <i>Biochemistry</i> , 1996, 35, 7781-7786.	2.5	63
89	Hispolon, a yellow pigment from <i>Inonotus hispidus</i> . <i>Phytochemistry</i> , 1996, 41, 927-929.	2.9	70
90	Antibiotics from Gliding Bacteria, LXX Chondramides Aâ€”D, New Cytostatic and Antifungal Cyclodepsipeptides from <i>Chondromyces crocatus</i> (Myxobacteria): Isolation and Structure Elucidation. <i>Liebigs Annalen</i> , 1996, 1996, 285-290.	0.8	21

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91	Chivosazol A, a New Inhibitor of Eukaryotic Organisms Isolated from Myxobacteria.. Journal of Antibiotics, 1995, 48, 962-966.	2.0	49
92	Chondramides A - D, New Antifungal and Cytostatic Depsipeptides from Chondromyces crocatus (Myxobacteria). Production, Physico-chemical and Biological Properties.. Journal of Antibiotics, 1995, 48, 1262-1266.	2.0	129
93	Antibiotics from gliding bacteria. No.62. Disorazol A, an Efficient Inhibitor of Eukaryotic Organisms Isolated from Myxobacteria.. Journal of Antibiotics, 1995, 48, 31-35.	2.0	69
94	Antibiotics from gliding bacteria. No.67. Sorangiolid A, a New Antibiotic Isolated from the Myxobacterium Sorangium cellulosum So ce 12.. Journal of Antibiotics, 1995, 48, 886-887.	2.0	23
95	Antibiotics from gliding bacteria, LXIV. Isolation and structure elucidation of sorangiolides A and B, novel macrocyclic lactone carboxylic acids from Sorangium cellulosum. Liebigs Annalen, 1995, 1995, 867-872.	0.8	12
96	Antibiotics from Gliding Bacteria, LIX. Disorazoles, Highly Cytotoxic Metabolites from the Sorangicin-Producing Bacterium Sorangium Cellulosum, Strain So ce12. Liebigs Annalen Der Chemie, 1994, 1994, 759-773.	0.8	100
97	Two binding sites of inhibitors in NADH:ubiquinone oxidoreductase (complex I). Relationship of one site with the ubiquinone-binding site of bacterial glucose:ubiquinone oxidoreductase. FEBS Journal, 1994, 219, 691-698.	0.2	233
98	Crocacin, a new electron transport inhibitor from Chondromyces cracatus (myxobacteria). Production, isolation, physico-chemical and biological properties.. Journal of Antibiotics, 1994, 47, 881-886.	2.0	101
99	Thiangazole, a new thiazoline antibiotic from Polyangium sp. (myxodacteria): Production, antimicrobial activity and mechanism of action.. Journal of Antibiotics, 1993, 46, 1752-1755.	2.0	45
100	Antibiotics from Gliding Bacteria, XLVII. Thiangazole: A Novel Inhibitor of HIV-1 from Polyangium spec. Liebigs Annalen Der Chemie, 1992, 1992, 357-359.	0.8	61
101	Antibiotics from gliding bacteria, XLIII. Phenoxan: A novel inhibitor of HIV-1 infection in cell cultures from Polyangium sp., strain PI VO19 (Myxobacteria). Liebigs Annalen Der Chemie, 1991, 1991, 707-708.	0.8	23
102	Antibiotics from gliding bacteria, XLII. Chemical modification of sorangicin A and structure-Activity relationship I: Carboxyl and hydroxyl group derivatives. Liebigs Annalen Der Chemie, 1990, 1990, 975-988.	0.8	20
103	Antibiotika aus Gleitenden Bakterien, XXXVII. Sorangicin A, ein hochwirksames Antibiotikum mit neuartiger Makrolid-Polyether-Struktur aus Sorangium cellulosum, So ce12: Spektroskopische Strukturaufklärung, Kristall- und Lösungsstruktur. Liebigs Annalen Der Chemie, 1989, 1989, 111-119.	0.8	29
104	Antibiotika aus Gleitenden Bakterien, XXXVIII. Natürliche Strukturvarianten von Sorangicin A aus Sorangium cellulosum, So ce12. Liebigs Annalen Der Chemie, 1989, 1989, 213-222.	0.8	17
105	Antibiotika aus Gleitenden Bakterien, XXXIX. Biosynthese von Sorangicin A in Sorangium cellulosum, So ce12. Liebigs Annalen Der Chemie, 1989, 1989, 309-313.	0.8	7
106	The sorangicins, novel and powerful inhibitors of eubacterial RNA polymerase isolated from myxobacteria.. Journal of Antibiotics, 1987, 40, 7-13.	2.0	134
107	Isolation and spectroscopic structure elucidation of sorangicin a, a new type of macrolide-polyether antibiotic from gliding bacteria - XXX.. Tetrahedron Letters, 1985, 26, 6031-6034.	1.4	79
108	Antibiotika aus Gleitenden Bakterien, XXIV. Corallopyronin A, B und C – drei neue Antibiotika aus Coralloccoccus coralloides Cc c127 (Myxobacterales). Liebigs Annalen Der Chemie, 1985, 1985, 822-836.	0.8	42

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109	Antibiotika aus Gleitenden Bakterien, XV. Myxalamide A, B, C und D eine Gruppe homologer Antibiotika aus <i>Myxococcus xanthus</i> Mx x12 (Myxobacterales). Liebigs Annalen Der Chemie, 1983, 1983, 1081-1095.	0.8	44