

Richard E Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

184
papers

9,024
citations

50
h-index

90
g-index

198
ext. papers

10,202
ext. citations

6.4
avg, IF

5.74
L-index

#	Paper	IF	Citations
184	A Structure-based Design Approach for Generating High Affinity BRD4 D1-Selective Chemical Probes.. <i>Journal of Medicinal Chemistry</i> , 2022 ,	8.3	1
183	Identification of Inhibitors of Fungal Fatty Acid Biosynthesis. <i>ACS Infectious Diseases</i> , 2021 , 7, 3210-3223	5.5	0
182	Biophysical analysis of the Mycobacteria tuberculosis peptide binding protein DppA reveals a stringent peptide binding pocket. <i>Tuberculosis</i> , 2021 , 132, 102157	2.6	0
181	LipE guided discovery of isopropylphenyl pyridazines as pantothenate kinase modulators. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 52, 116504	3.4	0
180	Azaindole Based Potentiator of Antibiotics against Gram-Negative Bacteria. <i>ACS Infectious Diseases</i> , 2021 , 7, 3009-3024	5.5	0
179	Phenyl-Glutarimides: Alternative Cereblon Binders for the Design of PROTACs. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26663-26670	16.4	7
178	Combating Multidrug-Resistant Bacteria by Integrating a Novel Target Site Penetration and Receptor Binding Assay Platform Into Translational Modeling. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 109, 1000-1020	6.1	2
177	Evaluating and evolving a screening library in academia: the St Jude approach. <i>Drug Discovery Today</i> , 2021 , 26, 1060-1069	8.8	5
176	The Discovery and Development of Thienopyrimidines as Inhibitors of That Act through Inhibition of the Respiratory Complex I. <i>ACS Infectious Diseases</i> , 2021 , 7, 1044-1058	5.5	1
175	Synthesis, antibacterial action, and ribosome inhibition of deoxyspectinomycins. <i>Journal of Antibiotics</i> , 2021 , 74, 381-396	3.7	2
174	Replacement of S14 Protein in Ribosomes of Zinc-Starved Mycobacteria Reduces Spectinamide Sensitivity. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	2
173	Model-Based Exposure-Response Assessment for Spectinamide 1810 in a Mouse Model of Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0174420	5.9	1
172	Preclinical Evaluation of Inhalational Spectinamide-1599 Therapy against Tuberculosis. <i>ACS Infectious Diseases</i> , 2021 , 7, 2850-2863	5.5	0
171	Pantothenate kinase activation relieves coenzyme A sequestration and improves mitochondrial function in mice with propionic acidemia. <i>Science Translational Medicine</i> , 2021 , 13, eabf5965	17.5	3
170	17-DMAG dually inhibits Hsp90 and histone lysine demethylases in alveolar rhabdomyosarcoma. <i>IScience</i> , 2021 , 24, 101996	6.1	2
169	Bromodomain-Selective BET Inhibitors Are Potent Antitumor Agents against MYC-Driven Pediatric Cancer. <i>Cancer Research</i> , 2020 , 80, 3507-3518	10.1	9
168	Novel Cassette Assay To Quantify the Outer Membrane Permeability of Five β -Lactams Simultaneously in Carbapenem-Resistant and. <i>MBio</i> , 2020 , 11,	7.8	8

167	Discovery and Characterization of the Antimetabolite Action of Thioacetamide-Linked 1,2,3-Triazoles as Disruptors of Cysteine Biosynthesis in Gram-Negative Bacteria. <i>ACS Infectious Diseases</i> , 2020 , 6, 467-478	5.5	9
166	Mechanisms of Resistance Associated with the Inhibition of the Dehydration Step of Type II Fatty Acid Synthase in. <i>ACS Infectious Diseases</i> , 2020 , 6, 195-204	5.5	3
165	Development of BODIPY FL Thalidomide As a High-Affinity Fluorescent Probe for Cereblon in a Time-Resolved Fluorescence Resonance Energy Transfer Assay. <i>Bioconjugate Chemistry</i> , 2020 , 31, 2564-2575	6.3	3
164	Structural basis for substrate recognition and chemical inhibition of oncogenic MAGE ubiquitin ligases. <i>Nature Communications</i> , 2020 , 11, 4931	17.4	5
163	Disseminated sporotrichosis following iatrogenic immunosuppression for suspected pyoderma gangrenosum. <i>Lancet Infectious Diseases</i> , 2019 , 19, e385-e391	25.5	11
162	Comparative pharmacokinetics of spectinomide 1599 after subcutaneous and intrapulmonary aerosol administration in mice. <i>Tuberculosis</i> , 2019 , 114, 119-122	2.6	6
161	Identification of Small Molecules Exhibiting Oxacillin Synergy through a Novel Assay for Inhibition of Expression in Methicillin-Resistant Staphylococcus aureus. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	6
160	Aminomethyl spectinomycins: a novel antibacterial chemotype for biothreat pathogens. <i>Journal of Antibiotics</i> , 2019 , 72, 693-701	3.7	6
159	De Novo Design of Boron-Based Peptidomimetics as Potent Inhibitors of Human ClpP in the Presence of Human ClpX. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 6377-6390	8.3	19
158	Efficacy of Aminomethyl Spectinomycins against Complex Upper Respiratory Tract Bacterial Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	3
157	Development and Characterization of a Dry Powder Formulation for Anti-Tuberculosis Drug Spectinomide 1599. <i>Pharmaceutical Research</i> , 2019 , 36, 136	4.5	10
156	Mechanistic Insight on the Mode of Action of Colleteic Acid. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 6925-6940	8.3	0
155	Ureadepsipeptides as ClpP Activators. <i>ACS Infectious Diseases</i> , 2019 , 5, 1915-1925	5.5	12
154	Dynamic time-kill curve characterization of spectinomide antibiotics 1445 and 1599 for the treatment of tuberculosis. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 127, 233-239	5.1	5
153	Advancing Translational Science for Pulmonary Nontuberculous Mycobacterial Infections. A Road Map for Research. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 947-951	10.2	31
152	The Isoniazid Metabolites Hydrazine and Pyridoxal Isonicotinoyl Hydrazone Modulate Heme Biosynthesis. <i>Toxicological Sciences</i> , 2019 , 168, 209-224	4.4	8
151	Aminomethyl Spectinomycins as Therapeutics for Drug-Resistant Gonorrhea and Chlamydia Coinfections. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	17
150	CINPA1 binds directly to constitutive androstane receptor and inhibits its activity. <i>Biochemical Pharmacology</i> , 2018 , 152, 211-223	6	12

149	Solid-Phase Synthesis and Antibacterial Activity of Cyclohexapeptide Wollamide B Analogs. <i>ACS Combinatorial Science</i> , 2018 , 20, 172-185	3.9	12
148	Exposure of Methicillin-Resistant <i>Staphylococcus aureus</i> to Low Levels of the Antibacterial THAM-3 β Generates a Small Colony Drug-Resistant Phenotype. <i>Scientific Reports</i> , 2018 , 8, 9850	4.9	3
147	New β -lactam - Tetramic acid hybrids show promising antibacterial activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 3105-3112	2.9	10
146	The Structural and Functional Basis for Recurring Sulfa Drug Resistance Mutations in Dihydropteroate Synthase. <i>Frontiers in Microbiology</i> , 2018 , 9, 1369	5.7	31
145	Exploiting a water network to achieve enthalpy-driven, bromodomain-selective BET inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 25-36	3.4	18
144	Pharmacophore Modeling, Synthesis, and Antibacterial Evaluation of Chalcones and Derivatives. <i>ACS Omega</i> , 2018 , 3, 18343-18360	3.9	8
143	A therapeutic approach to pantothenate kinase associated neurodegeneration. <i>Nature Communications</i> , 2018 , 9, 4399	17.4	35
142	and Effects of a ClpP-Activating Antibiotic against Vancomycin-Resistant Enterococci. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	19
141	Design, synthesis and microbiological evaluation of ampicillin-tetramic acid hybrid antibiotics. <i>Journal of Antibiotics</i> , 2017 , 70, 65-72	3.7	13
140	Use of Selective Fungal Culture Media Increases Rates of Detection of Fungi in the Respiratory Tract of Cystic Fibrosis Patients. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 1122-1130	9.7	29
139	Synthesis and Evaluation of Thiazolidine Amide and N-Thiazolyl Amide Fluoroquinolone Derivatives. <i>Archiv Der Pharmazie</i> , 2017 , 350, e201700029	4.3	6
138	Fluid-Attenuated Inversion Recovery (FLAIR) Signal Intensity Can Identify Stroke Within 6 and 8 Hours. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 1582-1587	2.8	5
137	RelA Mutant <i>Enterococcus faecium</i> with Multiantibiotic Tolerance Arising in an Immunocompromised Host. <i>MBio</i> , 2017 , 8,	7.8	53
136	Structural and Studies on Trehalose-6-Phosphate Synthase from Pathogenic Fungi Provide Insights into Its Catalytic Mechanism, Biological Necessity, and Potential for Novel Antifungal Drug Design. <i>MBio</i> , 2017 , 8,	7.8	14
135	Structure-Activity Relationships of Spectinamide Antituberculosis Agents: A Dissection of Ribosomal Inhibition and Native Efflux Avoidance Contributions. <i>ACS Infectious Diseases</i> , 2017 , 3, 72-88	5.5	25
134	Spectinamides are effective partner agents for the treatment of tuberculosis in multiple mouse infection models. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 770-777	5.1	19
133	Phase II Metabolic Pathways of Spectinamide Antitubercular Agents: A Comparative Study of the Reactivity of 4-Substituted Pyridines to Glutathione Conjugation. <i>MedChemComm</i> , 2016 , 7, 114-117	5	7
132	Synthesis and antibacterial evaluation of macrocyclic diarylheptanoid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4070-6	2.9	5

131	Allosteric Regulation of Mammalian Pantothenate Kinase. <i>Journal of Biological Chemistry</i> , 2016 , 291, 22302-22314	5.4	16
130	Translational PK/PD of anti-infective therapeutics. <i>Drug Discovery Today: Technologies</i> , 2016 , 21-22, 41-49.1		16
129	Structures of trehalose-6-phosphate phosphatase from pathogenic fungi reveal the mechanisms of substrate recognition and catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 7148-53	11.5	37
128	Therapeutic Potential of the Mycobacterium tuberculosis Mycolic Acid Transporter, MmpL3. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5198-207	5.9	64
127	Synthesis and evaluation of colletoic acid core derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016 , 110, 126-32	6.8	6
126	Tissue Penetration of a Novel Spectinamide Antibiotic for the Treatment of Tuberculosis. <i>AAPS Journal</i> , 2016 , 18, 788-91	3.7	5
125	Activation of Exogenous Fatty Acids to Acyl-Acyl Carrier Protein Cannot Bypass FabI Inhibition in Neisseria. <i>Journal of Biological Chemistry</i> , 2016 , 291, 171-81	5.4	17
124	Synthesis and evaluation of pretomanid (PA-824) oxazolidinone hybrids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 388-391	2.9	16
123	Pentacyclic nitrofurans that rapidly kill nifurtimox-resistant trypanosomes. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 956-63	5.1	5
122	SB-224289 Antagonizes the Antifungal Mechanism of the Marine Depsipeptide Papuamide A. <i>PLoS ONE</i> , 2016 , 11, e0154932	3.7	11
121	Advances in Drug Discovery and Development for Pediatric Tuberculosis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 481-97	3.2	7
120	A Fluorescent Probe for Detecting and Identifying Genes Critical for Cell Entry. <i>Frontiers in Microbiology</i> , 2016 , 7, 2021	5.7	8
119	New agents for the treatment of drug-resistant Mycobacterium tuberculosis. <i>Advanced Drug Delivery Reviews</i> , 2016 , 102, 55-72	18.5	217
118	A Tribute to Amy Anderson (1969-2016): Leader, Role Model, and Advocate for Structure-Based Design of New Antimicrobial Agents. <i>ACS Infectious Diseases</i> , 2016 , 2, 664-665	5.5	1
117	Pterin-sulfa conjugates as dihydropteroate synthase inhibitors and antibacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 3950-4	2.9	48
116	Activity-Independent Discovery of Secondary Metabolites Using Chemical Elicitation and Cheminformatic Inference. <i>ACS Chemical Biology</i> , 2015 , 10, 2616-23	4.9	34
115	Gastrointestinal localization of metronidazole by a lactobacilli-inspired tetramic acid motif improves treatment outcomes in the hamster model of Clostridium difficile infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 3061-9	5.1	19
114	In vitro and in vivo Evaluation of Synergism between Anti-Tubercular Spectinamides and Non-Classical Tuberculosis Antibiotics. <i>Scientific Reports</i> , 2015 , 5, 13985	4.9	32

113	Aminomethyl spectinomycins as therapeutics for drug-resistant respiratory tract and sexually transmitted bacterial infections. <i>Science Translational Medicine</i> , 2015 , 7, 288ra75	17.5	14
112	Covalent modification of the FAS-II dehydratase by Isoxyl and Thiacetazone. <i>ACS Infectious Diseases</i> , 2015 , 1, 91-97	5.5	38
111	Chemical modulation of the biological activity of reutericyclin: a membrane-active antibiotic from <i>Lactobacillus reuteri</i> . <i>Scientific Reports</i> , 2014 , 4, 4721	4.9	22
110	Spectinamides: a new class of semisynthetic antituberculosis agents that overcome native drug efflux. <i>Nature Medicine</i> , 2014 , 20, 152-158	50.5	132
109	Novel insights into the mechanism of inhibition of MmpL3, a target of multiple pharmacophores in <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 6413-23	5.9	137
108	Identification and characterization of an allosteric inhibitory site on dihydropteroate synthase. <i>ACS Chemical Biology</i> , 2014 , 9, 1294-302	4.9	21
107	Development of BODIPY FL vindoline as a novel and high-affinity pregnane X receptor fluorescent probe. <i>Bioconjugate Chemistry</i> , 2014 , 25, 1664-77	6.3	19
106	The identification, analysis and structure-based development of novel inhibitors of 6-hydroxymethyl-7,8-dihydropterin pyrophosphokinase. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 2157-65	3.4	10
105	Discovery of novel bacterial elongation condensing enzyme inhibitors by virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2585-8	2.9	6
104	Synthesis, structure-activity relationship studies, and antibacterial evaluation of 4-chromanones and chalcones, as well as olympicin A and derivatives. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 8398-420	8.3	68
103	Pentacyclic nitrofurans with in vivo efficacy and activity against nonreplicating <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2014 , 9, e87909	3.7	19
102	A screen for and validation of prodrug antimicrobials. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 1410-9	5.9	23
101	In vitro and in vivo activities of HPI1, a selective antimicrobial against <i>Helicobacter pylori</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 3255-60	5.9	8
100	False-positive reaction of L-canavanine glycine bromothymol blue medium with <i>Candida famata</i> . <i>Journal of Clinical Microbiology</i> , 2014 , 52, 1308-9	9.7	1
99	New approaches to target the mycolic acid biosynthesis pathway for the development of tuberculosis therapeutics. <i>Current Pharmaceutical Design</i> , 2014 , 20, 4357-78	3.3	63
98	Metabolic activation of CaMKII by coenzyme A. <i>Molecular Cell</i> , 2013 , 52, 325-39	17.6	28
97	Syntheses and evaluation of macrocyclic engelhardione analogs as antitubercular and antibacterial agents. <i>Journal of Antibiotics</i> , 2013 , 66, 319-25	3.7	13
96	Replacing sulfa drugs with novel DHPS inhibitors. <i>Future Medicinal Chemistry</i> , 2013 , 5, 1331-40	4.1	29

95	Design, synthesis and anti-tuberculosis activity of 1-adamantyl-3-heteroaryl ureas with improved in vitro pharmacokinetic properties. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 2587-99	3.4	48
94	Pantothenamides are potent, on-target inhibitors of Plasmodium falciparum growth when serum pantetheinase is inactivated. <i>PLoS ONE</i> , 2013 , 8, e54974	3.7	65
93	Potentiation of azole antifungals by 2-adamantanamine. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 3585-92	5.9	26
92	Applications of pharmacometrics in the clinical development and pharmacotherapy of anti-infectives. <i>Expert Review of Clinical Pharmacology</i> , 2013 , 6, 159-70	3.8	15
91	The membrane as a target for controlling hypervirulent Clostridium difficile infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 806-15	5.1	24
90	Screening a library of 1600 adamantyl ureas for anti-Mycobacterium tuberculosis activity in vitro and for better physical chemical properties for bioavailability. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 3255-62	3.4	58
89	Antitubercular nitrofurans isoxanzolines with improved pharmacokinetic properties. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 6063-72	3.4	34
88	Evaluation of flavonoid and resveratrol chemical libraries reveals abyssinone II as a promising antibacterial lead. <i>ChemMedChem</i> , 2012 , 7, 1541-5	3.7	26
87	Inhibition of mycolic acid transport across the Mycobacterium tuberculosis plasma membrane. <i>Nature Chemical Biology</i> , 2012 , 8, 334-41	11.7	295
86	Acyl-sulfamates target the essential glycerol-phosphate acyltransferase (PlsY) in Gram-positive bacteria. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 4985-94	3.4	15
85	Structure-based design of novel pyrimido[4,5-c]pyridazine derivatives as dihydropteroate synthase inhibitors with increased affinity. <i>ChemMedChem</i> , 2012 , 7, 861-70	3.7	24
84	Catalysis and sulfa drug resistance in dihydropteroate synthase. <i>Science</i> , 2012 , 335, 1110-4	33.3	147
83	Development of a pterin-based fluorescent probe for screening dihydropteroate synthase. <i>Bioconjugate Chemistry</i> , 2011 , 22, 2110-7	6.3	8
82	Targeting bacterial membrane function: an underexploited mechanism for treating persistent infections. <i>Nature Reviews Microbiology</i> , 2011 , 9, 62-75	22.2	537
81	The structure-activity relationship of urea derivatives as anti-tuberculosis agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 5585-95	3.4	81
80	Antibacterial and antitubercular activity of fosmidomycin, FR900098, and their lipophilic analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6973-6	2.9	52
79	Synthesis of bi-substrate state mimics of dihydropteroate synthase as potential inhibitors and molecular probes. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 1298-305	3.4	13
78	Reutericyclin and related analogues kill stationary phase Clostridium difficile at achievable colonic concentrations. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1773-6	5.1	21

77	Novel Polyoxyethylene-Containing Glycolipids Are Synthesized in <i>Corynebacterium matruchotii</i> and <i>Mycobacterium smegmatis</i> Cultured in the Presence of Tween 80. <i>Journal of Lipids</i> , 2011 , 2011, 676535	2.7	12
76	Crystal structure of the 6-hydroxymethyl-7,8-dihydropterin pyrophosphokinase–dihydropteroate synthase bifunctional enzyme from <i>Francisella tularensis</i> . <i>PLoS ONE</i> , 2010 , 5, e14165	3.7	21
75	Detection of Mycolactone A/B in <i>Mycobacterium ulcerans</i> -Infected Human Tissue. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e577	4.8	33
74	In vitro pharmacokinetic/pharmacodynamic models in anti-infective drug development: focus on TB. <i>Future Medicinal Chemistry</i> , 2010 , 2, 1355-69	4.1	43
73	Structural studies of pterin-based inhibitors of dihydropteroate synthase. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 166-77	8.3	62
72	Structural characterization of the <i>Mycobacterium tuberculosis</i> biotin biosynthesis enzymes 7,8-diaminopelargonic acid synthase and dethiobiotin synthetase. <i>Biochemistry</i> , 2010 , 49, 6746-60	3.2	44
71	Identification of triazinoindol-benzimidazolones as nanomolar inhibitors of the <i>Mycobacterium tuberculosis</i> enzyme TDP-6-deoxy-d-xylo-4-hexopyranosid-4-ulose 3,5-epimerase (RmlC). <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 896-908	3.4	69
70	Evaluation of analogs of reutericyclin as prospective candidates for treatment of staphylococcal skin infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4028-31	5.9	23
69	A simple in vitro PK/PD model system to determine time-kill curves of drugs against <i>Mycobacteria</i> . <i>Tuberculosis</i> , 2009 , 89, 378-85	2.6	24
68	A statistical framework to evaluate virtual screening. <i>BMC Bioinformatics</i> , 2009 , 10, 225	3.6	69
67	Structure-Based Design, Synthesis, and Evaluation of 2R(2-Hydroxyethyl)-2Rdeoxyadenosine and the 5RDiphosphate Derivative as Ribonucleotide Reductase Inhibitors. <i>ChemMedChem</i> , 2009 , 4, 1649-56	3.7	3
66	Synthesis, optimization and structure-activity relationships of 3,5-disubstituted isoxazolines as new anti-tuberculosis agents. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 460-72	6.8	50
65	Discovery, synthesis, and biological evaluation of piperidinol analogs with anti-tuberculosis activity. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 3588-94	3.4	22
64	Lipid profiling using two-dimensional heteronuclear single quantum coherence NMR. <i>Methods in Molecular Biology</i> , 2009 , 579, 89-102	1.4	4
63	Validation of molecular docking programs for virtual screening against dihydropteroate synthase. <i>Journal of Chemical Information and Modeling</i> , 2009 , 49, 444-60	6.1	237
62	N-substituted 3-acetyltetramic acid derivatives as antibacterial agents. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 1487-91	8.3	38
61	Synthesis and structure of mycolactone E isolated from frog mycobacterium. <i>Organic Letters</i> , 2008 , 10, 5385-8	6.2	26
60	A microbiological assessment of novel nitrofuranylamides as anti-tuberculosis agents. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 62, 1037-45	5.1	75

59	A rapid approach to lipid profiling of mycobacteria using 2D HSQC NMR maps. <i>Journal of Lipid Research</i> , 2008 , 49, 455-63	6.3	32
58	Production of white colonies on CHROMagar Candida medium by members of the <i>Candida glabrata</i> clade and other species with overlapping phenotypic traits. <i>Journal of Clinical Microbiology</i> , 2008 , 46, 3498-500	9.7	27
57	Biopharmaceutics, pharmacokinetics and pharmacodynamics of antituberculosis drugs. <i>Current Medicinal Chemistry</i> , 2008 , 15, 809-25	4.3	28
56	High-Throughput Solid-Phase Synthesis of Nucleoside- Based Libraries in the Search for New Antibiotics. <i>Critical Reviews in Combinatorial Chemistry</i> , 2008 , 215-238		1
55	Novel acyl phosphate mimics that target PlsY, an essential acyltransferase in gram-positive bacteria. <i>ChemMedChem</i> , 2008 , 3, 1936-45	3.7	34
54	Quantitative structure-activity relationship studies on nitrofuranyl anti-tubercular agents. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 8042-53	3.4	41
53	Design, synthesis, and evaluation of novel ethambutol analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 1607-11	2.9	44
52	Pharmacokinetically-guided lead optimization of nitrofuranylamide anti-tuberculosis agents. <i>AAPS Journal</i> , 2008 , 10, 157-65	3.7	29
51	First cultivation and characterization of <i>Mycobacterium ulcerans</i> from the environment. <i>PLoS Neglected Tropical Diseases</i> , 2008 , 2, e178	4.8	143
50	Crystal structure of the anthrax drug target, <i>Bacillus anthracis</i> dihydrofolate reductase. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 4374-81	8.3	23
49	Discovery of novel isoxazolines as anti-tuberculosis agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 6638-42	2.9	69
48	Solid-phase synthesis and biological evaluation of a uridinylyl branched peptide urea library. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 6899-904	2.9	27
47	Chemical knockout of pantothenate kinase reveals the metabolic and genetic program responsible for hepatic coenzyme A homeostasis. <i>Chemistry and Biology</i> , 2007 , 14, 291-302		85
46	Nitrofurans as novel anti-tuberculosis agents: identification, development and evaluation. <i>Current Topics in Medicinal Chemistry</i> , 2007 , 7, 509-26	3	36
45	Topology and active site of PlsY: the bacterial acylphosphate:glycerol-3-phosphate acyltransferase. <i>Journal of Biological Chemistry</i> , 2007 , 282, 11339-46	5.4	30
44	Solid-phase synthesis of a thymidinylyl dipeptide urea library. <i>ACS Combinatorial Science</i> , 2007 , 9, 370-85		16
43	Synthesis of new and potent analogues of anti-tuberculosis agent 5-nitro-furan-2-carboxylic acid 4-(4-benzyl-piperazin-1-yl)-benzylamide with improved bioavailability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 2584-9	2.9	39
42	Development of an etoposide prodrug for dual prodrug-enzyme antitumor therapy. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 1577-84	6.1	7

41	Globally distributed mycobacterial fish pathogens produce a novel plasmid-encoded toxic macrolide, mycolactone F. <i>Infection and Immunity</i> , 2006 , 74, 6037-45	3.7	106
40	Acyl-phosphates initiate membrane phospholipid synthesis in Gram-positive pathogens. <i>Molecular Cell</i> , 2006 , 23, 765-72	17.6	128
39	Monocyte and macrophage activation by lipoteichoic Acid is independent of alanine and is potentiated by hemoglobin. <i>Journal of Immunology</i> , 2006 , 176, 5567-76	5.3	17
38	Structure-activity relationships and enzyme inhibition of pantothenamide-type pantothenate kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 1007-20	3.4	56
37	Methods for acquisition and assignment of multidimensional high-resolution magic angle spinning NMR of whole cell bacteria. <i>Analytical Chemistry</i> , 2005 , 77, 5785-92	7.8	24
36	Synthesis and evaluation of cyclic secondary amine substituted phenyl and benzyl nitrofuranyl amides as novel antituberculosis agents. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 8261-9	8.3	70
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