Anna K H Hirsch

List of Publications by Year
in descending order

145	3,573	172386	182361
papers	citations	29 h-index	51 g-index

163	163	163	4492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Substrateâ€Inspired Fragment Merging and Growing Affords Efficacious LasB Inhibitors. Angewandte Chemie - International Edition, 2022, 61, .	7.2	13
2	Redesigning of the cap conformation and symmetry of the diphenylethyne core to yield highly potent pan-genotypic NS5A inhibitors with high potency and high resistance barrier. European Journal of Medicinal Chemistry, 2022, 229, 114034.	2.6	1
3	Inhibition of Collagenase Q1 of Bacillus cereus as a Novel Antivirulence Strategy for the Treatment of Skinâ€Wound Infections. Advanced Therapeutics, 2022, 5, 2100222.	1.6	4
4	N-Aryl Mercaptopropionamides as Broad-Spectrum Inhibitors of Metallo-Î²-Lactamases. Journal of Medicinal Chemistry, 2022, 65, 3913-3922.	2.9	11
5	An Efficient Way to Screen Inhibitors of Energy-Coupling Factor (ECF) Transporters in a Bacterial Uptake Assay. International Journal of Molecular Sciences, 2022, 23, 2637.	1.8	5
6	Bacteriomimetic Liposomes Improve Antibiotic Activity of a Novel Energy-Coupling Factor Transporter Inhibitor. Pharmaceutics, 2022, 14, 4.	2.0	9
7	Structure-Based Design of Î±-Substituted Mercaptoacetamides as Inhibitors of the Virulence Factor LasB from Pseudomonas aeruginosa. ACS Infectious Diseases, 2022, 8, 1010-1021.	1.8	7
8	First crystal structures of 1-deoxy-d-xylulose 5-phosphate synthase (DXPS) from Mycobacterium tuberculosis indicate a distinct mechanism of intermediate stabilization. Scientific Reports, 2022, 12, 7221.	1.6	8
9	Design and Synthesis of Novel Bis-Imidazolyl Phenyl Butadiyne Derivatives as HCV NS5A Inhibitors. Pharmaceuticals, 2022, 15, 632.	1.7	2
10	Citraconate inhibits ACOD1 (IRG1) catalysis, reduces interferon responses and oxidative stress, and modulates inflammation and cell metabolism. Nature Metabolism, 2022, 4, 534-546.	5.1	48
11	Structure-Guided Optimization of Small-Molecule Folate Uptake Inhibitors Targeting the Energy-Coupling Factor Transporters. Journal of Medicinal Chemistry, 2022, 65, 8869-8880.	2.9	3
12	Potential Dental Biofilm Inhibitors: Dynamic Combinatorial Chemistry Affords Sugarâ€Based Molecules that Target Bacterial Glucosyltransferase. ChemMedChem, 2021, 16, 113-123.	1.6	6
13	Enhancing glycan stability via site-selective fluorination: modulating substrate orientation by molecular design. Chemical Science, 2021, 12, 1286-1294.	3.7	24
14	N-Aryl mercaptoacetamides as potential multi-target inhibitors of metallo-Î²-lactamases (MBLs) and the virulence factor LasB from Pseudomonas aeruginosa. RSC Medicinal Chemistry, 2021, 12, 1698-1708.	1.7	6
15	Identification of a 1-deoxy-D-xylulose-5-phosphate synthase (DXS) mutant with improved crystallographic properties. Biochemical and Biophysical Research Communications, 2021, 539, 42-47.	1.0	9
16	A synthetic peptide as an allosteric inhibitor of human arginase I and II. Molecular Biology Reports, 2021, 48, 1959-1966.	1.0	4
17	Mapping Arginase Expression with ¹⁸F-Fluorinated Late-Generation Arginase Inhibitors Derived from Quaternary Î±-Amino Acids. Journal of Nuclear Medicine, 2021, 62, 1163-1170.	2.8	3
18	A New PqsR Inverse Agonist Potentiates Tobramycin Efficacy to Eradicate Pseudomonas aeruginosa Biofilms. Advanced Science, 2021, 8, e2004369.	5.6	34

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19	Phosphonate as a Stable Zincâ€Binding Group for â€œPathoblockerâ€•Inhibitors of Clostridial Collagenase H (ColH). ChemMedChem, 2021, 16, 1257-1267.	1.6	14
20	Unveiling Adatoms in On-Surface Reactions: Combining Scanning Probe Microscopy with vanâ€™t Hoff Plots. Journal of Physical Chemistry C, 2021, 125, 9847-9854.	1.5	8
21	Mastering the Gram-negative bacterial barrier â€“ Chemical approaches to increase bacterial bioavailability of antibiotics. Advanced Drug Delivery Reviews, 2021, 172, 339-360.	6.6	42
22	Effects of (a Combination of) the Beta2-Adrenoceptor Agonist Indacaterol and the Muscarinic Receptor Antagonist Glycopyrrolate on Intrapulmonary Airway Constriction. Cells, 2021, 10, 1237.	1.8	4
23	Search for the Active Ingredients from a 2â€Aminothiazole DMSO Stock Solution with Antimalarial Activity. ChemMedChem, 2021, 16, 2089-2093.	1.6	2
24	Design, synthesis, and biological evaluation of novel benzimidazole derivatives as sphingosine kinase 1 inhibitor. Archiv Der Pharmazie, 2021, 354, e2100080.	2.1	6
25	â€œClickingâ€œ fragment leads to novel dual-binding cholinesterase inhibitors. Bioorganic and Medicinal Chemistry, 2021, 42, 116269.	1.4	7
26	Towards the sustainable discovery and development of new antibiotics. Nature Reviews Chemistry, 2021, 5, 726-749.	13.8	439
27	Identification of N,N-arylalkyl-picolinamide derivatives targeting the RNA-binding protein HuR, by combining biophysical fragment-screening and molecular hybridization. Bioorganic Chemistry, 2021, 116, 105305.	2.0	11
28	Assessment of the rules related to gaining activity against Gram-negative bacteria. RSC Medicinal Chemistry, 2021, 12, 593-601.	1.7	7
29	Hit-optimization using target-directed dynamic combinatorial chemistry: development of inhibitors of the anti-infective target 1-deoxy-<scp>d</scp>-xylulose-5-phosphate synthase. Chemical Science, 2021, 12, 7775-7785.	3.7	21
30	FranÃ§ois Diederich â€“ In Memoriam**. ChemMedChem, 2021, 16, 11-13.	1.6	1
31	Targeting the IspD Enzyme in the MEP Pathway: Identification of a Novel Fragment Class. ChemMedChem, 2021, , e202100679.	1.6	4
32	Synthesis and Biological Evaluation of Novel 2-Substituted ÂAnalogues of (â€“)-Pentenomycin I. Synlett, 2020, 31, 475-481.	1.0	2
33	Semisynthesis and biological evaluation of amidochelocardin derivatives as broad-spectrum antibiotics. European Journal of Medicinal Chemistry, 2020, 188, 112005.	2.6	14
34	Optimized Inhibitors of MDM2 via an Attempted Proteinâ€Templated Reductive Amination. ChemMedChem, 2020, 15, 370-375.	1.6	5
35	Micro-rheological properties of lung homogenates correlate with infection severity in a mouse model of Pseudomonas aeruginosa lung infection. Scientific Reports, 2020, 10, 16502.	1.6	17
36	BOPC1 Enantiomers Preparation and HuR Interaction Study. From Molecular Modeling to a Curious DEEP-STD NMR Application. ACS Medicinal Chemistry Letters, 2020, 11, 883-888.	1.3	8

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37	Evaluation of Bacterial RNA Polymerase Inhibitors in a Staphylococcus aureus-Based Wound Infection Model in SKH1 Mice. ACS Infectious Diseases, 2020, 6, 2573-2581.	1.8	5
38	7-Hydroxycoumarins Are Affinity-Based Fluorescent Probes for Competitive Binding Studies of Macrophage Migration Inhibitory Factor. Journal of Medicinal Chemistry, 2020, 63, 11920-11933.	2.9	17
39	A hydrogel-based in vitro assay for the fast prediction of antibiotic accumulation in Gram-negative bacteria. Materials Today Bio, 2020, 8, 100084.	2.6	10
40	Frontispiece: Proteinâ€Templated Hit Identification through an Ugi Fourâ€Component Reaction. Chemistry - A European Journal, 2020, 26, .	1.7	1
41	Validating the 1,2-Difluoro Motif As a Hybrid Bioisostere of CF3 and Et Using Matrix Metalloproteinases As Structural Probes. Journal of Medicinal Chemistry, 2020, 63, 6225-6237.	2.9	15
42	Reply to: â€œArginase inhibitors: An alternative in treatment of obese asthma?â€. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1527-1528.	2.7	1
43	N-Aryl-3-mercaptosuccinimides as Antivirulence Agents Targeting Pseudomonas aeruginosa Elastase and Clostridium Collagenases. Journal of Medicinal Chemistry, 2020, 63, 8359-8368.	2.9	27
44	Rapid Discovery of Aspartyl Protease Inhibitors Using an Anchoring Approach. ChemMedChem, 2020, 15, 680-684.	1.6	4
45	A rapid synthesis of low-nanomolar divalent LecA inhibitors in four linear steps from <scp>d</scp>-galactose pentaacetate. Chemical Communications, 2020, 56, 8822-8825.	2.2	19
46	Discovery of Small-Molecule Stabilizers of 14-3-3 Proteinâ€“Protein Interactions via Dynamic Combinatorial Chemistry. ACS Medicinal Chemistry Letters, 2020, 11, 1041-1046.	1.3	18
47	pH-Dependent morphology and optical properties of lysine-derived molecular biodynamers. Materials Chemistry Frontiers, 2020, 4, 905-909.	3.2	4
48	Disruption of AKAP-PKA Interaction Induces Hypercontractility With Concomitant Increase in Proliferation Markers in Human Airway Smooth Muscle. Frontiers in Cell and Developmental Biology, 2020, 8, 165.	1.8	2
49	Proteinâ€Templated Hit Identification through an Ugi Fourâ€Component Reaction**. Chemistry - A European Journal, 2020, 26, 14585-14593.	1.7	15
50	Back to the future: re-establishing guinea pigin vivoasthma models. Clinical Science, 2020, 134, 1219-1242.	1.8	26
51	Rational Adaptation of L3MBTL1 Inhibitors to Create Smallâ€Molecule Cbx7 Antagonists. ChemMedChem, 2019, 14, 1444-1456.	1.6	5
52	From Wood to Tetrahydro-2-benzazepines in Three Waste-Free Steps: Modular Synthesis of Biologically Active Lignin-Derived Scaffolds. ACS Central Science, 2019, 5, 1707-1716.	5.3	82
53	Small airway hyperresponsiveness in COPD: relationship between structure and function in lung slices. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L537-L546.	1.3	26
54	Reversible immobilization of a protein to a gold surface through multiple hostâ€“guest interactions. Journal of Materials Chemistry B, 2019, 7, 6148-6155.	2.9	4

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55	Laminin Î±4 contributes to airway remodeling and inflammation in asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L768-L777.	1.3	12
56	Novel Compounds Targeting the RNA-Binding Protein HuR. Structure-Based Design, Synthesis, and Interaction Studies. ACS Medicinal Chemistry Letters, 2019, 10, 615-620.	1.3	21
57	Inverting Small Moleculeâ€"Protein Recognition by the Fluorine Gauche Effect: Selectivity Regulated by Multiple Hâ†'F Bioisosterism. Angewandte Chemie - International Edition, 2019, 58, 10990-10994.	7.2	23
58	Proteinâ€Templated Dynamic Combinatorial Chemistry: Brief Overview and Experimental Protocol. European Journal of Organic Chemistry, 2019, 2019, 3581-3590.	1.2	33
59	Second M 3 muscarinic receptor binding site contributes to bronchoprotection by tiotropium. British Journal of Pharmacology, 2019, 176, 2864-2876.	2.7	7
60	Low-Dimensional Metalâ€"Organic Coordination Structures on Graphene. Journal of Physical Chemistry C, 2019, 123, 12730-12735.	1.5	22
61	Recent Patents in Allergy/Immunology: Use of arginase inhibitors in the treatment of asthma and allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1206-1208.	2.7	22
62	Novel 15-Lipoxygenase-1 Inhibitor Protects Macrophages from Lipopolysaccharide-Induced Cytotoxicity. Journal of Medicinal Chemistry, 2019, 62, 4624-4637.	2.9	14
63	A combinatorial approach for the discovery of drug-like inhibitors of 15-lipoxygenase-1. European Journal of Medicinal Chemistry, 2019, 174, 45-55.	2.6	12
64	Replacement of an Indole Scaffold Targeting Human 15â€Lipoxygenaseâ€1 Using Combinatorial Chemistry. Helvetica Chimica Acta, 2019, 102, e1900040.	1.0	3
65	Comparing the Selfâ€Assembly of Sexiphenylâ€Dicarbonitrile on Graphite and Graphene on Cu(111). Chemistry - A European Journal, 2019, 25, 5065-5070.	1.7	4
66	Towards the Modulation of RNA-Binding Proteins: New Compounds Targeting Protein HuR. Proceedings (mdpi), 2019, 22, .	0.2	0
67	Concepts and Core Principles of Fragment-Based Drug Design. Molecules, 2019, 24, 4309.	1.7	115
68	Surface state tunable energy and mass renormalization from homothetic quantum dot arrays. Nanoscale, 2019, 11, 23132-23138.	2.8	14
69	Energyâ€Coupling Factor Transporters as Novel Antimicrobial Targets. Advanced Therapeutics, 2019, 2, 1800066.	1.6	18
70	Glucansucrase (mutant) enzymes from Lactobacillus reuteri 180 efficiently transglucosylate Stevia component rebaudioside A, resulting in a superior taste. Scientific Reports, 2018, 8, 1516.	1.6	27
71	Lipidâ€DNAs as Solubilizers of mTHPC. Chemistry - A European Journal, 2018, 24, 798-802.	1.7	5
72	Phage Display on the Antiâ€infective Target 1â€Deoxyâ€<scp>d</scp>â€xyluloseâ€5â€phosphate Synthase Leads to an Acceptorâ€"Substrate Competitive Peptidic Inhibitor. ChemBioChem, 2018, 19, 58-65.	1.3	8

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73	Donepezilâ€“melatonin hybrids as butyrylcholinesterase inhibitors: Improving binding affinity through varying mode of linking fragments. Archiv Der Pharmazie, 2018, 351, e1800194.	2.1	7
74	Exploration of ligand binding modes towards the identification of compounds targeting HuR: a combined STD-NMR and Molecular Modelling approach. Scientific Reports, 2018, 8, 13780.	1.6	12
75	Design and Synthesis of Bioisosteres of Acylhydrazones as Stable Inhibitors of the Aspartic Protease Endothiapepsin. ChemMedChem, 2018, 13, 2266-2270.	1.6	7
76	Dynamic Proteoids Generated From Dipeptideâ€Based Monomers. Macromolecular Rapid Communications, 2018, 39, e1800099.	2.0	2
77	Targeting arginase and nitric oxide metabolism in chronic airway diseases and their co-morbidities. Current Opinion in Pharmacology, 2018, 40, 126-133.	1.7	36
78	Druggability Assessment of Targets Used in Kinetic Target-Guided Synthesis. Journal of Medicinal Chemistry, 2018, 61, 9395-9409.	2.9	16
79	Delivery system for budesonide based on lipid-DNA. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 123-127.	2.0	6
80	Pentapeptideâ€rich peptidoglycan at the Bacillus subtilis cellâ€division site. Molecular Microbiology, 2017, 104, 319-333.	1.2	25
81	Molecular Biodynamers: Dynamic Covalent Analogues of Biopolymers. Accounts of Chemical Research, 2017, 50, 376-386.	7.6	62
82	Designed Spiroketal Protein Modulation. Angewandte Chemie - International Edition, 2017, 56, 5480-5484.	7.2	11
83	Molecular insight into specific 14-3-3 modulators: Inhibitors and stabilisers of proteinâ€“protein interactions of 14-3-3. European Journal of Medicinal Chemistry, 2017, 136, 573-584.	2.6	29
84	Designed Spiroketal Protein Modulation. Angewandte Chemie, 2017, 129, 5572-5576.	1.6	1
85	Compounds Interfering with Embryonic Lethal Abnormal Vision (ELAV) Proteinâ€“RNA Complexes: An Avenue for Discovering New Drugs. Journal of Medicinal Chemistry, 2017, 60, 8257-8267.	2.9	20
86	Insight into the complete substrate-binding pocket of ThiT by chemical and genetic mutations. MedChemComm, 2017, 8, 1121-1130.	3.5	16
87	Fine-tuning Nanocarriers Specifically toward Cargo: A Competitive Study on Solubilizing Related Photosensitizers for Photodynamic Therapy. Bioconjugate Chemistry, 2017, 28, 760-767.	1.8	20
88	Bicyclic enol cyclocarbamates inhibit penicillin-binding proteins. Organic and Biomolecular Chemistry, 2017, 15, 894-910.	1.5	6
89	Saccharideâ€Containing Dynamic Proteoids. Chemistry - A European Journal, 2017, 23, 16162-16166.	1.7	5
90	Dynamic Combinatorial Chemistry to Identify Binders of ThiT, an Sâ€Component of the Energyâ€Coupling Factor Transporter for Thiamine. ChemMedChem, 2017, 12, 1693-1696.	1.6	12

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91	DXS as a target for structure-based drug design. Future Medicinal Chemistry, 2017, 9, 1277-1294.	1.1	12
92	The novel compound Sul-121 inhibits airway inflammation and hyperresponsiveness in experimental models of chronic obstructive pulmonary disease. Scientific Reports, 2016, 6, 26928.	1.6	12
93	Fragmentâ€Based Drug Design Facilitated by Proteinâ€Templated Click Chemistry: Fragment Linking and Optimization of Inhibitors of the Aspartic Protease Endothiapepsin. Chemistry - A European Journal, 2016, 22, 14826-14830.	1.7	16
94	Furoates and thenoates inhibit pyruvate dehydrogenase kinase 2 allosterically by binding to its pyruvate regulatory site. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 170-175.	2.5	4
95	Fragment Linking and Optimization of Inhibitors of the Aspartic Protease Endothiapepsin: Fragmentâ€Based Drug Design Facilitated by Dynamic Combinatorial Chemistry. Angewandte Chemie - International Edition, 2016, 55, 9422-9426.	7.2	55
96	Proteoid Dynamers with Tunable Properties. Advanced Functional Materials, 2016, 26, 6297-6305.	7.8	14
97	A pro-inflammatory role for the Frizzled-8 receptor in chronic bronchitis. Thorax, 2016, 71, 312-322.	2.7	21
98	TGFâ€Î²â€induced profibrotic signaling is regulated in part by the WNT receptor Frizzledâ€8. FASEB Journal, 2016, 30, 1823-1835.	0.2	56
99	Combination therapy of tiotropium and ciclesonide attenuates airway inflammation and remodeling in a guinea pig model of chronic asthma. Respiratory Research, 2016, 17, 13.	1.4	38
100	Design and synthesis of thiamine analogues to study their binding to the ECF transporter for thiamine in bacteria. MedChemComm, 2016, 7, 966-971.	3.5	9
101	FragmentverknÃ¼pfung und â€optimierung von Hemmstoffen der Aspartylprotease Endothiapepsin: Fragmentbasiertes Wirkstoffdesign beschleunigt durch dynamische kombinatorische Chemie. Angewandte Chemie, 2016, 128, 9569-9574.	1.6	21
102	Structureâ€Based Design of Potent Smallâ€Molecule Binders to the Sâ€Component of the ECF Transporter for Thiamine. ChemBioChem, 2015, 16, 819-826.	1.3	24
103	Supramolecular Chemistry â€¦ and Beyond. Angewandte Chemie - International Edition, 2015, 54, 11013-11014.	7.2	0
104	Structure-Based Optimization of Inhibitors of the Aspartic Protease Endothiapepsin. International Journal of Molecular Sciences, 2015, 16, 19184-19194.	1.8	13
105	Airway and Extracellular Matrix Mechanics in COPD. Frontiers in Physiology, 2015, 6, 346.	1.3	53
106	Fragment growing exploiting dynamic combinatorial chemistry of inhibitors of the aspartic protease endothiapepsin. MedChemComm, 2015, 6, 1267-1271.	3.5	19
107	Tiotropium attenuates IL-13-induced goblet cell metaplasia of human airway epithelial cells. Thorax, 2015, 70, 668-676.	2.7	46
108	Harnessing dynamic combinatorial chemistry in the search for new ligands for protein targets. Future Medicinal Chemistry, 2015, 7, 2095-2098.	1.1	8

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109	Validation of a homology model of Mycobacterium tuberculosis DXS: rationalization of observed activities of thiamine derivatives as potent inhibitors of two orthologues of DXS. Organic and Biomolecular Chemistry, 2015, 13, 11263-11277.	1.5	24
110	Anti-inflammatory effects of targeted lung denervation in patients with COPD. European Respiratory Journal, 2015, 46, 1489-1492.	3.1	33
111	Combinatorial Screening for Specific Drug Solubilizers with Switchable Release Profiles. Macromolecular Bioscience, 2015, 15, 82-89.	2.1	11
112	<scp>l</scp>-Thyroxine promotes a proliferative airway smooth muscle phenotype in the presence of TGF-Î²1. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L301-L306.	1.3	16
113	Muscarinic M₃receptors on structural cells regulate cigarette smoke-induced neutrophilic airway inflammation in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L96-L103.	1.3	25
114	Fighting Malaria: Structure-Guided Discovery of Nonpeptidomimetic Plasmepsin Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 5151-5163.	2.9	24
115	Dynamic combinatorial chemistry: a tool to facilitate the identification of inhibitors for protein targets. Chemical Society Reviews, 2015, 44, 2455-2488.	18.7	176
116	Integrins: therapeutic targets in airway hyperresponsiveness and remodelling?. Trends in Pharmacological Sciences, 2014, 35, 567-574.	4.0	36
117	Structureâ€Based Design of Inhibitors of the Aspartic Protease Endothiapepsin by Exploiting Dynamic Combinatorial Chemistry. Angewandte Chemie - International Edition, 2014, 53, 3259-3263.	7.2	71
118	A doubly hermaphroditic chiral crown ether. CrystEngComm, 2014, 16, 5984-5988.	1.3	0
119	De novo fragment-based design of inhibitors of DXS guided by spin-diffusion-based NMR spectroscopy. Chemical Science, 2014, 5, 3543-3551.	3.7	17
120	Development of Inhibitors of the 2C-Methyl-<scp>d</scp>-erythritol 4-Phosphate (MEP) Pathway Enzymes as Potential Anti-Infective Agents. Journal of Medicinal Chemistry, 2014, 57, 9740-9763.	2.9	71
121	Theoretical and Structural Analysis of Long Cï£¿C Bonds in the Adducts of Polycyanoethylene and Anthracene Derivatives and Their Connection to the Reversibility of Dielsâ€“Alder Reactions. Chemistry - A European Journal, 2014, 20, 1073-1080.	1.7	7
122	Imidazoleâ€•and Benzimidazoleâ€Based Inhibitors of the Kinase IspE: Targeting the Substrateâ€Binding Site and the Triphosphateâ€Binding Loop of the ATP Site. European Journal of Organic Chemistry, 2013, 2013, 1068-1079.	1.2	13
123	Druggability of the enzymes of the non-mevalonate-pathway. Drug Discovery Today, 2013, 18, 1256-1262.	3.2	46
124	Muscarinic receptors on airway mesenchymal cells: Novel findings for an ancient target. Pulmonary Pharmacology and Therapeutics, 2013, 26, 145-155.	1.1	70
125	Total synthesis, stereochemical elucidation and biological evaluation of Ac2SGL; a 1,3-methyl branched sulfoglycolipid from Mycobacterium tuberculosis. Chemical Science, 2013, 4, 709-716.	3.7	40
126	Exploiting Specific Interactions toward Next-Generation Polymeric Drug Transporters. Journal of the American Chemical Society, 2013, 135, 1711-1714.	6.6	48

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127	A new perspective on muscarinic receptor antagonism in obstructive airways diseases. Current Opinion in Pharmacology, 2013, 13, 316-323.	1.7	56
128	Epac2 and PLC Îµ contribute to the inflammatory response to cigarette smoke in vivo. FASEB Journal, 2013, 27, 1107.7.	0.2	0
129	Role for Aâ€kinase anchoring proteins in cigarette smokeâ€induced barrier dysfunction. FASEB Journal, 2013, 27, 1107.6.	0.2	0
130	Total Synthesis of (â^')â€Đoliculide, Structureâ€“Activity Relationship Studies and Its Binding to Fâ€Actin. ChemBioChem, 2012, 13, 2537-2548.	1.3	16
131	Metal-ion-induced shape switching: Stereoselective formation of a dinuclear Hg(II) double helicate from a hydrazonobis(acylhydrazone) ligand. Polyhedron, 2012, 41, 40-43.	1.0	2
132	The isoprenoid-precursor dependence of Plasmodium spp.. Natural Product Reports, 2012, 29, 721.	5.2	23
133	Exploring the Ribose Subâ€Pocket of the Substrateâ€Binding Site in Escherichia coli IspE: Structureâ€Based Design, Synthesis, and Biological Evaluation of Cytosines and Cytosine Analogues. European Journal of Organic Chemistry, 2012, 2012, 3278-3287.	1.2	7
134	Biodynamers: Self-Organization-Driven Formation of Doubly Dynamic Proteoids. Journal of the American Chemical Society, 2012, 134, 4177-4183.	6.6	54
135	Allergenâ€induced airway constriction in guinea pig lung slices is attenuated by arginase inhibition via increased nitric oxide production. FASEB Journal, 2012, 26, 1061.2.	0.2	0
136	Bioconjugates to specifically render inhibitorswater-soluble. Soft Matter, 2010, 6, 88-91.	1.2	36
137	Epac as a novel relaxant factor in airway smooth muscle. FASEB Journal, 2010, 24, .	0.2	0
138	Synthesis and Characterization of Cytidine Derivatives that Inhibit the Kinase IspE of the Nonâ€Mevalonate Pathway for Isoprenoid Biosynthesis. ChemMedChem, 2008, 3, 91-101.	1.6	27
139	Inhibitors of the kinase IspE: structureâ€“activity relationships and co-crystal structure analysis. Organic and Biomolecular Chemistry, 2008, 6, 2719.	1.5	39
140	The Non-Mevalonate Pathway to Isoprenoid Biosynthesis: A Potential Source of New Drug Targets. Chimia, 2008, 62, 226-230.	0.3	11
141	p42/p44 MAP kinase activation is localized to caveolae-free membrane domains in airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1163-L1172.	1.3	27
142	Phosphate Recognition in Structural Biology. Angewandte Chemie - International Edition, 2007, 46, 338-352.	7.2	260
143	Nonphosphate Inhibitors of IspE Protein, a Kinase in the Non-Mevalonate Pathway for Isoprenoid Biosynthesis and a Potential Target for Antimalarial Therapy. ChemMedChem, 2007, 2, 806-810.	1.6	43
144	Double Conjugate Addition of Dithiols to Propargylic Carbonyl Systems To Generate Protected 1,3-Dicarbonyl Compounds. Journal of Organic Chemistry, 2006, 71, 2715-2725.	1.7	36

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145	Substrateâ€inspired fragment merging and growing affords efficacious LasB inhibitors. Angewandte Chemie, 0, , .	1.6	0