

# Andrew D Mesecar

## List of Publications by Year in descending order

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145  
papers

12,988  
citations

22153

59  
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26613

107  
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156  
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156  
docs citations

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times ranked

16342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Desorption Electrospray Ionization Mass Spectrometry Assay for Label-Free Characterization of SULT2B1b Enzyme Kinetics. <i>ChemMedChem</i> , 2022, 17, .	3.2	16
2	A small molecule compound with an indole moiety inhibits the main protease of SARS-CoV-2 and blocks virus replication. <i>Nature Communications</i> , 2021, 12, 668.	12.8	126
3	A Structure-Based Discovery Platform for BACE2 and the Development of Selective BACE Inhibitors. <i>ACS Chemical Neuroscience</i> , 2021, 12, 581-588.	3.5	4
4	Mn <sup>2+</sup> coordinates Cap-0-RNA to align substrates for efficient 2'-O-methyl transfer by SARS-CoV-2 nsp16. <i>Science Signaling</i> , 2021, 14, .	3.6	17
5	Indole Chloropyridinyl Ester-Derived SARS-CoV-2 3CLpro Inhibitors: Enzyme Inhibition, Antiviral Efficacy, Structure-Activity Relationship, and X-ray Structural Studies. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14702-14714.	6.4	55
6	Chloropyridinyl Esters of Nonsteroidal Anti-Inflammatory Agents and Related Derivatives as Potent SARS-CoV-2 3CL Protease Inhibitors. <i>Molecules</i> , 2021, 26, 5782.	3.8	9
7	Preclinical characterization of an intravenous coronavirus 3CL protease inhibitor for the potential treatment of COVID19. <i>Nature Communications</i> , 2021, 12, 6055.	12.8	215
8	Decoupling deISGylating and deubiquitinating activities of the MERS virus papain-like protease. <i>Antiviral Research</i> , 2020, 174, 104661.	4.1	43
9	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020, 586, 113-119.	27.8	672
10	Structure-Guided Mutagenesis Alters Deubiquitinating Activity and Attenuates Pathogenesis of a Murine Coronavirus. <i>Journal of Virology</i> , 2020, 94, .	3.4	20
11	Drug Development and Medicinal Chemistry Efforts toward SARS-CoV-2 Coronavirus and Covid-19 Therapeutics. <i>ChemMedChem</i> , 2020, 15, 907-932.	3.2	229
12	Development of an Efficient Enzyme Production and Structure-Based Discovery Platform for BACE1 Inhibitors. <i>Biochemistry</i> , 2019, 58, 4424-4435.	2.5	10
13	Structural Basis for the Inhibition of CRISPR-Cas12a by Anti-CRISPR Proteins. <i>Cell Host and Microbe</i> , 2019, 25, 815-826.e4.	11.0	63
14	Cholesterol Sulfotransferase SULT2B1b Modulates Sensitivity to Death Receptor Ligand TNF $\alpha$ in Castration-Resistant Prostate Cancer. <i>Molecular Cancer Research</i> , 2019, 17, 1253-1263.	3.4	7
15	Highly Selective and Potent Human Î²-Secretase (BACE2) Inhibitors against Type 2 Diabetes: Design, Synthesis, X-ray Structure and Structure-Activity Relationship Studies. <i>ChemMedChem</i> , 2019, 14, 545-560.	3.2	10
16	Design, synthesis, X-ray studies, and biological evaluation of novel BACE1 inhibitors with bicyclic isoxazoline carboxamides as the P3 ligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2605-2610.	2.2	3
17	Design, synthesis, and X-ray structural studies of BACE-1 inhibitors containing substituted 2-oxopiperazines as P1-P2 ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2432-2438.	2.2	14
18	Structural Insights into the Interaction of Coronavirus Papain-Like Proteases and Interferon-Stimulated Gene Product 15 from Different Species. <i>Journal of Molecular Biology</i> , 2017, 429, 1661-1683.	4.2	88

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19	X-ray Structure and Enzymatic Activity Profile of a Core Papain-like Protease of MERS Coronavirus with utility for structure-based drug design. <i>Scientific Reports</i> , 2017, 7, 40292.	3.3	33
20	Computational modeling of the bat HKU4 coronavirus 3CL <sup>pro</sup> inhibitors as a tool for the development of antivirals against the emerging Middle East respiratory syndrome (MERS) coronavirus. <i>Journal of Molecular Recognition</i> , 2017, 30, e2644.	2.1	21
21	Steady-state kinetic studies reveal that the anti-cancer target Ubiquitin-Specific Protease 17 (USP17) is a highly efficient deubiquitinating enzyme. <i>Archives of Biochemistry and Biophysics</i> , 2016, 612, 35-45.	3.0	7
22	X-Ray Structure and Inhibition of 3C-like Protease from Porcine Epidemic Diarrhea Virus. <i>Scientific Reports</i> , 2016, 6, 25961.	3.3	12
23	Cholesterol Sulfonation Enzyme, SULT2B1b, Modulates AR and Cell Growth Properties in Prostate Cancer. <i>Molecular Cancer Research</i> , 2016, 14, 776-786.	3.4	24
24	Design of potent and highly selective inhibitors for human $\beta$ -secretase 2 (memapsin 1), a target for type 2 diabetes. <i>Chemical Science</i> , 2016, 7, 3117-3122.	7.4	11
25	The SARS-coronavirus papain-like protease: Structure, function and inhibition by designed antiviral compounds. <i>Antiviral Research</i> , 2015, 115, 21-38.	4.1	680
26	Structure-based design, synthesis and biological evaluation of novel $\beta$ -secretase inhibitors containing a pyrazole or thiazole moiety as the P3 ligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 668-672.	2.2	18
27	Murine Coronavirus Ubiquitin-Like Domain Is Important for Papain-Like Protease Stability and Viral Pathogenesis. <i>Journal of Virology</i> , 2015, 89, 4907-4917.	3.4	50
28	Targeting zoonotic viruses: Structure-based inhibition of the 3C-like protease from bat coronavirus HKU4. The likely reservoir host to the human coronavirus that causes Middle East Respiratory Syndrome (MERS). <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6036-6048.	3.0	65
29	X-ray Structural and Functional Studies of the Three Tandemly Linked Domains of Non-structural Protein 3 (nsp3) from Murine Hepatitis Virus Reveal Conserved Functions. <i>Journal of Biological Chemistry</i> , 2015, 290, 25293-25306.	3.4	34
30	Ligand-induced Dimerization of Middle East Respiratory Syndrome (MERS) Coronavirus nsp5 Protease (3CL <sup>pro</sup> ). <i>Journal of Biological Chemistry</i> , 2015, 290, 19403-19422.	3.4	134
31	X-ray structure and inhibition of the feline infectious peritonitis virus 3C-like protease: Structural implications for drug design. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5072-5077.	2.2	19
32	Probing the structural requirements of non-electrophilic naphthalene-based Nrf2 activators. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 252-268.	5.5	88
33	A Mouse Model for <i>Betacoronavirus</i> Subgroup 2c Using a Bat Coronavirus Strain HKU5 Variant. <i>MBio</i> , 2014, 5, e00047-14.	4.1	55
34	Structural Basis for the Ubiquitin-Linkage Specificity and deISGylating Activity of SARS-CoV Papain-Like Protease. <i>PLoS Pathogens</i> , 2014, 10, e1004113.	4.7	199
35	A 2.2 Å resolution structure of the USP7 catalytic domain in a new space group elaborates upon structural rearrangements resulting from ubiquitin binding. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 283-287.	0.8	25
36	Synthesis of 3-(3-aryl-pyrrolidin-1-yl)-5-aryl-1,2,4-triazines that have antibacterial activity and also inhibit inorganic pyrophosphatase. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 406-418.	3.0	32

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37	A Chimeric Virus-Mouse Model System for Evaluating the Function and Inhibition of Papain-Like Proteases of Emerging Coronaviruses. <i>Journal of Virology</i> , 2014, 88, 11825-11833.	3.4	18
38	Enzyme Architecture: The Effect of Replacement and Deletion Mutations of Loop 6 on Catalysis by Triosephosphate Isomerase. <i>Biochemistry</i> , 2014, 53, 3486-3501.	2.5	23
39	Coronaviruses Resistant to a 3C-Like Protease Inhibitor Are Attenuated for Replication and Pathogenesis, Revealing a Low Genetic Barrier but High Fitness Cost of Resistance. <i>Journal of Virology</i> , 2014, 88, 11886-11898.	3.4	81
40	X-ray Structural and Biological Evaluation of a Series of Potent and Highly Selective Inhibitors of Human Coronavirus Papain-like Proteases. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2393-2412.	6.4	182
41	Catalytic Function and Substrate Specificity of the Papain-Like Protease Domain of nsp3 from the Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2014, 88, 12511-12527.	3.4	116
42	Nidovirus papain-like proteases: Multifunctional enzymes with protease, deubiquitinating and delSGylating activities. <i>Virus Research</i> , 2014, 194, 184-190.	2.2	140
43	MERS-CoV papain-like protease has delSGylating and deubiquitinating activities. <i>Virology</i> , 2014, 450-451, 64-70.	2.4	198
44	respiratory syndrome coronavirus (SARS-CoV) 3CLpro inhibitors: Identification of ML300 and noncovalent nanomolar inhibitors with an induced-fit binding. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6172-6177.	2.2	113
45	Design, synthesis, biological and structural evaluation of functionalized resveratrol analogues as inhibitors of quinone reductase 2. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6022-6037.	3.0	24
46	Discovery, Synthesis, And Structure-Based Optimization of a Series of <i>N</i> -( <i>tert</i> -Butyl)-2-( <i>N</i> -arylamido)-2-(pyridin-3-yl) Acetamides (ML188) as Potent Noncovalent Small Molecule Inhibitors of the Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) 3CL Protease. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 534-546.	6.4	178
47	Active Site Loop Dynamics of a Class IIa Fructose 1,6-Bisphosphate Aldolase from <i>Mycobacterium tuberculosis</i> . <i>Biochemistry</i> , 2013, 52, 912-925.	2.5	21
48	Chimeric Exchange of Coronavirus nsp5 Proteases (3CLpro) Identifies Common and Divergent Regulatory Determinants of Protease Activity. <i>Journal of Virology</i> , 2013, 87, 12611-12618.	3.4	98
49	Coronavirus Papain-like Peptidases. , 2013, , 2195-2199.		1
50	Synthesis of novel ðœÐƒ3 receptor ligands via an unusual Knoevenagel condensation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7578-7581.	2.2	25
51	Design, Synthesis, and Biological Evaluation of Potent Quinoline and Pyrroloquinoline Ammosamide Analogues as Inhibitors of Quinone Reductase 2. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 367-377.	6.4	36
52	Screening for natural chemoprevention agents that modify human Keap1. <i>Analytical Biochemistry</i> , 2012, 421, 108-114.	2.4	19
53	Screening Natural Products for Inhibitors of Quinone Reductase-2 Using Ultrafiltration LC~MS. <i>Analytical Chemistry</i> , 2011, 83, 1048-1052.	6.5	70
54	Modification of Keap1 Cysteine Residues by Sulforaphane. <i>Chemical Research in Toxicology</i> , 2011, 24, 515-521.	3.3	224

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55	Bioactive Compounds from the Fern <i>Lepisorus contortus</i> . <i>Journal of Natural Products</i> , 2011, 74, 129-136.	3.0	34
56	X-ray structural studies of quinone reductase 2 nanomolar range inhibitors. <i>Protein Science</i> , 2011, 20, 1182-1195.	7.6	38
57	Resveratrol derivatives as promising chemopreventive agents with improved potency and selectivity. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1249-1265.	3.3	52
58	Identification of a Glycogen Synthase Kinase-3 $\beta$ Inhibitor that Attenuates Hyperactivity in CLOCK Mutant Mice. <i>ChemMedChem</i> , 2011, 6, 1593-1602.	3.2	36
59	Development and validation of a yeast high-throughput screen for inhibitors of A $\beta$ 242 oligomerization. <i>DMM Disease Models and Mechanisms</i> , 2011, 4, 822-831.	2.4	43
60	A Universal, Fully Automated High Throughput Screening Assay for Pyrophosphate and Phosphate Release from Enzymatic Reactions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010, 13, 27-38.	1.1	21
61	Isolation and evaluation of kaempferol glycosides from the fern <i>Neocheropteris palmatopedata</i> . <i>Phytochemistry</i> , 2010, 71, 641-647.	2.9	32
62	Design, synthesis, and biological evaluation of resveratrol analogues as aromatase and quinone reductase 2 inhibitors for chemoprevention of cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5352-5366.	3.0	79
63	Pleiotropic mechanisms facilitated by resveratrol and its metabolites. <i>Biochemical Journal</i> , 2010, 429, 273-282.	3.7	154
64	Deubiquitinating and Interferon Antagonism Activities of Coronavirus Papain-Like Proteases. <i>Journal of Virology</i> , 2010, 84, 4619-4629.	3.4	267
65	Potential Chemopreventive Agents Based on the Structure of the Lead Compound 2-Bromo-1-hydroxyphenazine, Isolated from <i>Streptomyces</i> Species, Strain CNS284. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8688-8699.	6.4	69
66	Severe Acute Respiratory Syndrome Coronavirus Papain-like Novel Protease Inhibitors: Design, Synthesis, Protein-Ligand X-ray Structure and Biological Evaluation. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4968-4979.	6.4	129
67	Kinetic, Thermodynamic, and Structural Insight into the Mechanism of Phosphopantetheine Adenylyltransferase from <i>Mycobacterium tuberculosis</i> . <i>Journal of Molecular Biology</i> , 2010, 404, 202-219.	4.2	24
68	Development of an efficient <i>E. coli</i> expression and purification system for a catalytically active, human Cullin3-RINGBox1 protein complex and elucidation of its quaternary structure with Keap1. <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 471-475.	2.1	16
69	Kinetic and Structural Characterization of a Heterohexamer 4-Oxalocrotonate Tautomerase from <i>Chloroflexus aurantiacus</i> J-10-fl: Implications for Functional and Structural Diversity in the Tautomerase Superfamily. <i>Biochemistry</i> , 2010, 49, 5016-5027.	2.5	25
70	Abstract A58: Cul3-mediated Nrf2 ubiquitination and ARE activation are dependent on the partial molar volume at position 151 of Keap1. , 2010, , .		0
71	Severe Acute Respiratory Syndrome Coronavirus Papain-Like Protease Ubiquitin-Like Domain and Catalytic Domain Regulate Antagonism of IRF3 and NF- $\kappa$ B Signaling. <i>Journal of Virology</i> , 2009, 83, 6689-6705.	3.4	325
72	Use of molecular modeling, docking, and 3D-QSAR studies for the determination of the binding mode of benzofuran-3-yl-(indol-3-yl)maleimides as GSK-3 $\beta$ inhibitors. <i>Journal of Molecular Modeling</i> , 2009, 15, 1463-1479.	1.8	13

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73	Natural product leads for drug discovery: Isolation, synthesis and biological evaluation of 6-cyano-5-methoxyindolo[2,3-a]carbazole based ligands as antibacterial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7126-7130.	3.0	23
74	Synthesis of Casimiroin and Optimization of Its Quinone Reductase 2 and Aromatase Inhibitory Activities. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1873-1884.	6.4	74
75	Kinetic and X-Ray Structural Evidence for Negative Cooperativity in Substrate Binding to Nicotinate Mononucleotide Adenylyltransferase (NMAT) from <i>Bacillus anthracis</i> . <i>Journal of Molecular Biology</i> , 2009, 385, 867-888.	4.2	16
76	Structural Basis for Catalysis of a Tetrameric Class IIa Fructose 1,6-Bisphosphate Aldolase from <i>Mycobacterium tuberculosis</i> . <i>Journal of Molecular Biology</i> , 2009, 386, 1038-1053.	4.2	38
77	Structure-Based and Random Mutagenesis Approaches Increase the Organophosphate-Degrading Activity of a Phosphotriesterase Homologue from <i>Deinococcus radiodurans</i> . <i>Journal of Molecular Biology</i> , 2009, 393, 36-57.	4.2	75
78	Structural basis for thermostability revealed through the identification and characterization of a highly thermostable phosphotriesterase-like lactonase from <i>Geobacillus stearothermophilus</i> . <i>Archives of Biochemistry and Biophysics</i> , 2009, 488, 109-120.	3.0	64
79	Structure-Based Design, Synthesis, and Biological Evaluation of a Series of Novel and Reversible Inhibitors for the Severe Acute Respiratory Syndromeâ€™ Coronavirus Papain-Like Protease. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5228-5240.	6.4	110
80	Lamiridosins, Hepatitis C Virus Entry Inhibitors from <i>Lamium album</i> . <i>Journal of Natural Products</i> , 2009, 72, 2158-2162.	3.0	62
81	Cul3-mediated Nrf2 ubiquitination and antioxidant response element (ARE) activation are dependent on the partial molar volume at position 151 of Keap1. <i>Biochemical Journal</i> , 2009, 422, 171-180.	3.7	141
82	Structural and mechanistic analysis of trans-3-chloroacrylic acid dehalogenase activity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 1277-1282.	2.5	2
83	Molecular mechanisms of natural products in chemoprevention: Induction of cytoprotective enzymes by Nrf2. <i>Molecular Nutrition and Food Research</i> , 2008, 52 Suppl 1, S84-94.	3.3	117
84	Design and Synthesis of Aryl Ether Inhibitors of the <i>Bacillus Anthracis</i> Enoyl-ACP Reductase. <i>ChemMedChem</i> , 2008, 3, 1250-1268.	3.2	40
85	Design and synthesis of 2-pyridones as novel inhibitors of the <i>Bacillus anthracis</i> enoyl-ACP reductase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3565-3569.	2.2	31
86	Design, synthesis and antiviral efficacy of a series of potent chloropyridyl ester-derived SARS-CoV 3CLpro inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5684-5688.	2.2	99
87	The structures of T87I phosphono-CheY and T87I/Y106W phosphono-CheY help to explain their binding affinities to the FliM and CheZ peptides. <i>Archives of Biochemistry and Biophysics</i> , 2008, 479, 105-113.	3.0	6
88	Evaluating the 3C-like protease activity of SARS-Coronavirus: Recommendations for standardized assays for drug discovery. <i>Virus Research</i> , 2008, 133, 63-73.	2.2	161
89	Prospective Type 1 and Type 2 Disulfides of Keap1 Protein. <i>Chemical Research in Toxicology</i> , 2008, 21, 2051-2060.	3.3	81
90	<i>Bacillus anthracis</i> Succinylbenzoyl-CoA Synthetase: Reaction Kinetics and a Novel Inhibitor Mimicking Its Reaction Intermediate. <i>Biochemistry</i> , 2008, 47, 12434-12447.	2.5	32

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91	Viral destruction of cell surface receptors: Fig. 1.. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8807-8808.	7.1	9
92	A noncovalent class of papain-like protease/deubiquitinase inhibitors blocks SARS virus replication. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16119-16124.	7.1	407
93	Kinetic, thermodynamic and X-ray structural insights into the interaction of melatonin and analogues with quinone reductase 2. Biochemical Journal, 2008, 413, 81-91.	3.7	81
94	Proteolytic Processing and Deubiquitinating Activity of Papain-Like Proteases of Human Coronavirus NL63. Journal of Virology, 2007, 81, 6007-6018.	3.4	87
95	Structural and Functional Analysis of Two Glutamate Racemase Isozymes from Bacillus anthracis and Implications for Inhibitor Design. Journal of Molecular Biology, 2007, 371, 1219-1237.	4.2	50
96	Identification of the Highly Reactive Cysteine 151 in the Chemopreventive Agent-Sensor Keap1 Protein is Method-Dependent. Chemical Research in Toxicology, 2007, 20, 1878-1884.	3.3	75
97	Structure-based design, synthesis, and biological evaluation of peptidomimetic SARS-CoV 3CLpro inhibitors. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5876-5880.	2.2	94
98	Sites of alkylation of human Keap1 by natural chemoprevention agents. Journal of the American Society for Mass Spectrometry, 2007, 18, 2226-2232.	2.8	161
99	Miliusanones, A Class of Cytotoxic Agents from Miliusa sinensis. Journal of Medicinal Chemistry, 2006, 49, 693-708.	6.4	30
100	Progress in Anti-SARS Coronavirus Chemistry, Biology and Chemotherapy. Annual Reports in Medicinal Chemistry, 2006, 41, 183-196.	0.9	35
101	An ELISA method to measure inhibition of the COX enzymes. Nature Protocols, 2006, 1, 1915-1921.	12.0	25
102	Activity-guided isolation of cytotoxic constituents from the bark of Aglaia crassinervia collected in Indonesia. Bioorganic and Medicinal Chemistry, 2006, 14, 960-972.	3.0	59
103	Bruguiesulfurool, A New Sulfur Compound from Bruguiera gymnorrhiza. Planta Medica, 2006, 72, 255-260.	1.3	31
104	Severe acute respiratory syndrome coronavirus papain-like protease: Structure of a viral deubiquitinating enzyme. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5717-5722.	7.1	356
105	Absorption and subcellular localization of lycopene in human prostate cancer cells. Molecular Cancer Therapeutics, 2006, 5, 2879-2885.	4.1	57
106	Deubiquitinating Activity of the SARS-CoV Papain-Like Protease. Advances in Experimental Medicine and Biology, 2006, 581, 37-41.	1.6	30
107	Structural Basis for Tumor Pyruvate Kinase M2 Allosteric Regulation and Catalysis,. Biochemistry, 2005, 44, 9417-9429.	2.5	347
108	Design, Synthesis, and Evaluation of Oxyanion-Hole Selective Inhibitor Substituents for the S1 Subsite of Factor Xa.. ChemInform, 2005, 36, no.	0.0	0

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109	Conceptual design of a macromolecular neutron diffractometer (MaNDi) for the SNS. <i>Journal of Applied Crystallography</i> , 2005, 38, 964-974.	4.5	31
110	The Papain-Like Protease of Severe Acute Respiratory Syndrome Coronavirus Has Deubiquitinating Activity. <i>Journal of Virology</i> , 2005, 79, 15189-15198.	3.4	482
111	Modifying specific cysteines of the electrophile-sensing human Keap1 protein is insufficient to disrupt binding to the Nrf2 domain Neh2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10070-10075.	7.1	420
112	Screening Method for the Discovery of Potential Cancer Chemoprevention Agents Based on Mass Spectrometric Detection of Alkylated Keap1. <i>Analytical Chemistry</i> , 2005, 77, 6407-6414.	6.5	56
113	Design and Synthesis of Peptidomimetic Severe Acute Respiratory Syndrome Chymotrypsin-like Protease Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6767-6771.	6.4	114
114	Structural and mutational studies of organophosphorus hydrolase reveal a cryptic and functional allosteric-binding site. <i>Archives of Biochemistry and Biophysics</i> , 2005, 442, 169-179.	3.0	38
115	Xanthohumol Isolated from <i>Humulus lupulus</i> Inhibits Menadione-Induced DNA Damage through Induction of Quinone Reductase. <i>Chemical Research in Toxicology</i> , 2005, 18, 1296-1305.	3.3	183
116	Design, synthesis, and evaluation of oxyanion-hole selective inhibitor substituents for the S1 subsite of factor Xa. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 5165-5170.	2.2	8
117	Equine Catechol Estrogen 4-Hydroxyequilenin Is a More Potent Inhibitor of the Variant Form of Catechol-O-Methyltransferase. <i>Chemical Research in Toxicology</i> , 2004, 17, 512-520.	3.3	15
118	Silvestrol and Episilvestrol, Potential Anticancer Rocaglate Derivatives from <i>Aglaia silvestris</i> . <i>Journal of Organic Chemistry</i> , 2004, 69, 3350-3358.	3.2	175
119	Antimycobacterial Naphthopyrones from <i>Senna obliqua</i> . <i>Journal of Natural Products</i> , 2004, 67, 225-227.	3.0	43
120	New 3-O-Acyl Betulinic Acids from <i>Strychnos vanprukii</i> . <i>Journal of Natural Products</i> , 2004, 67, 994-998.	3.0	36
121	New Sesquiterpenes from <i>Litsea verticillata</i> . <i>Journal of Natural Products</i> , 2003, 66, 609-615.	3.0	92
122	Isolation and absolute stereochemistry of coussaric acid, a new bioactive triterpenoid from the stems of <i>Coussarea brevicaulis</i> . <i>Phytochemistry</i> , 2003, 64, 293-302.	2.9	32
123	Activity-Guided Isolation of Novel Norwithanolides from <i>Deprea subtriflora</i> with Potential Cancer Chemopreventive Activity. <i>Journal of Organic Chemistry</i> , 2003, 68, 2350-2361.	3.2	38
124	New Manzamine Alkaloids with Activity against Infectious and Tropical Parasitic Diseases from an Indonesian Sponge. <i>Journal of Natural Products</i> , 2003, 66, 823-828.	3.0	138
125	Regioselective Covalent Modification of Hemoglobin in Search of Antisickling Agents. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 936-953.	6.4	33
126	Catechol Estrogen 4-Hydroxyequilenin Is a Substrate and an Inhibitor of Catechol-O-Methyltransferase. <i>Chemical Research in Toxicology</i> , 2003, 16, 668-675.	3.3	25



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127	Black Cohosh Acts as a Mixed Competitive Ligand and Partial Agonist of the Serotonin Receptor. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 5661-5670.	5.2	185
128	Potential Cancer Chemopreventive Constituents of the Seeds of <i>Dipteryx odorata</i> (Tonka Bean). <i>Journal of Natural Products</i> , 2003, 66, 583-587.	3.0	69
129	Phosphorylation of Serine 256 Suppresses Transactivation by FKHR (FOXO1) by Multiple Mechanisms. <i>Journal of Biological Chemistry</i> , 2002, 277, 45276-45284.	3.4	265
130	Bioactive Constituents of the Seeds of <i>Brucea javanica</i> . <i>Planta Medica</i> , 2002, 68, 730-733.	1.3	67
131	Constituents of <i>Musa paradisica</i> Cultivar with the Potential To Induce the Phase II Enzyme, Quinone Reductase. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6330-6334.	5.2	39
132	New Chemical Constituents of <i>Euphorbia quinquecostata</i> and Absolute Configuration Assignment by a Convenient Mosher Ester Procedure Carried Out in NMR Tubes. <i>Journal of Natural Products</i> , 2002, 65, 1278-1282.	3.0	208
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