

Billy W Day

List of Publications by Year in descending order

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158
papers

8,175
citations

34076

52
h-index

56687

83
g-index

167
all docs

167
docs citations

167
times ranked

11159
citing authors

#	ARTICLE	IF	CITATIONS
1	Discodermolide, A Cytotoxic Marine Agent That Stabilizes Microtubules More Potently Than Taxol. <i>Biochemistry</i> , 1996, 35, 243-250.	1.2	406
2	Regulation of the autophagy protein LC3 by phosphorylation. <i>Journal of Cell Biology</i> , 2010, 190, 533-539.	2.3	284
3	Structure-Activity Analysis of the Interaction of Curacin A, the Potent Colchicine Site Antimitotic Agent, with Tubulin and Effects of Analogs on the Growth of MCF-7 Breast Cancer Cells. <i>Molecular Pharmacology</i> , 1998, 53, 62-76.	1.0	275
4	A Common Pharmacophore for a Diverse Set of Colchicine Site Inhibitors Using a Structure-Based Approach. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6107-6116.	2.9	271
5	The Microtubule-Stabilizing Agent Discodermolide Competitively Inhibits the Binding of Paclitaxel (Taxol) to Tubulin Polymers, Enhances Tubulin Nucleation Reactions More Potently than Paclitaxel, and Inhibits the Growth of Paclitaxel-Resistant Cells. <i>Molecular Pharmacology</i> , 1997, 52, 613-622.	1.0	250
6	Zebrafish chemical screening reveals an inhibitor of Dusp6 that expands cardiac cell lineages. <i>Nature Chemical Biology</i> , 2009, 5, 680-687.	3.9	221
7	Small Molecule Modulators of Endogenous and Co-chaperone-stimulated Hsp70 ATPase Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 51131-51140.	1.6	190
8	Theory and Applications of Surface Plasmon Resonance, Resonant Mirror, Resonant Waveguide Grating, and Dual Polarization Interferometry Biosensors. <i>Sensors</i> , 2010, 10, 9630-9646.	2.1	186
9	Histone Deacetylase Inhibitor Enhances Recovery after AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 943-953.	3.0	160
10	APC Is Essential for Targeting Phosphorylated β -Catenin to the SCF β -TrCP Ubiquitin Ligase. <i>Molecular Cell</i> , 2008, 32, 652-661.	4.5	149
11	Cyclostreptin binds covalently to microtubule pores and luminal taxoid binding sites. , 2007, 3, 117-125.		130
12	Reduction of Ferrylmyoglobin and Ferrylhemoglobin by Nitric Oxide: A Protective Mechanism against Ferryl Hemoprotein-Induced Oxidations. <i>Biochemistry</i> , 1995, 34, 6689-6699.	1.2	129
13	Select pyrimidinones inhibit the propagation of the malarial parasite, <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1527-1533.	1.4	128
14	Synergistic Effects of Peloruside A and Laulimalide with Taxoid Site Drugs, but Not with Each Other, on Tubulin Assembly. <i>Molecular Pharmacology</i> , 2006, 70, 1555-1564.	1.0	112
15	A functionalizable polyester with free hydroxyl groups and tunable physicochemical and biological properties. <i>Biomaterials</i> , 2010, 31, 3129-3138.	5.7	112
16	Inhibition of Histone Deacetylase Expands the Renal Progenitor Cell Population. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 794-802.	3.0	104
17	Orphan Nuclear Receptor Pregnane X Receptor Sensitizes Oxidative Stress Responses in Transgenic Mice and Cancerous Cells. <i>Molecular Endocrinology</i> , 2006, 20, 279-290.	3.7	103
18	Identification of ATP citrate lyase as a positive regulator of glycolytic function in glioblastomas. <i>International Journal of Cancer</i> , 2010, 126, 2282-2295.	2.3	95

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19	Mild, Efficient Friedel-Crafts Acylations from Carboxylic Acids Using Cyanuric Chloride and AlCl ₃ . <i>Organic Letters</i> , 2008, 10, 2645-2648.	2.4	94
20	Synthesis and Biological Evaluation of a Focused Mixture Library of Analogues of the Antimitotic Marine Natural Product Curacin A. <i>Journal of the American Chemical Society</i> , 2000, 122, 9391-9395.	6.6	92
21	Rac1 Leads to Phosphorylation-dependent Increase in Stability of the p66shc Adaptor Protein: Role in Rac1-induced Oxidative Stress. <i>Molecular Biology of the Cell</i> , 2006, 17, 122-129.	0.9	90
22	Pyrimidinone-peptoid hybrid molecules with distinct effects on molecular chaperone function and cell proliferation. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3291-3301.	1.4	90
23	Meayamycin inhibits pre-messenger RNA splicing and exhibits picomolar activity against multidrug-resistant cells. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2308-2318.	1.9	90
24	Tubulin Assembly, Taxoid Site Binding, and Cellular Effects of the Microtubule-Stabilizing Agent Dictyostatin. <i>Biochemistry</i> , 2005, 44, 15053-15063.	1.2	88
25	Computational and molecular modeling evaluation of the structural basis for tubulin polymerization inhibition by colchicine site agents. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 1659-1671.	1.4	87
26	Total Synthesis and Biological Evaluation of Pederin, Psymberin, and Highly Potent Analogs. <i>Journal of the American Chemical Society</i> , 2011, 133, 16668-16679.	6.6	85
27	Formation, Solvolysis, and Transcarbamylation Reactions of Bis(S-glutathionyl) Adducts of 2,4- and 2,6-Diisocyanatotoluene. <i>Chemical Research in Toxicology</i> , 1997, 10, 424-431.	1.7	84
28	Redox Regulation of Cdc25B by Cell-Active Quinolinediones. <i>Molecular Pharmacology</i> , 2005, 68, 1810-1820.	1.0	81
29	Synthesis and Biological Evaluation of Structurally Highly Modified Analogues of the Antimitotic Natural Product Curacin A. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1901-1917.	2.9	80
30	Altered Expression and Localization of Creatine Kinase B, Heterogeneous Nuclear Ribonucleoprotein F, and High Mobility Group Box 1 Protein in the Nuclear Matrix Associated with Colon Cancer. <i>Cancer Research</i> , 2006, 66, 763-769.	0.4	79
31	Detection of conjugated diene isomers of linoleic acid in liver lipids of rats fed a choline-devoid diet indicates that the diet does not cause lipoperoxidation. <i>Journal of Nutritional Biochemistry</i> , 1995, 6, 281-289.	1.9	77
32	Discodermolide/Dictyostatin Hybrids: Synthesis and Biological Evaluation. <i>Organic Letters</i> , 2002, 4, 4443-4446.	2.4	74
33	One pot direct synthesis of oxazolines, benzoxazoles, and oxadiazoles from carboxylic acids using the Deoxo-Fluor reagent. <i>Tetrahedron Letters</i> , 2006, 47, 6497-6499.	0.7	74
34	Intracellular S-Glutathionyl Adducts in Murine Lung and Human Bronchoepithelial Cells after Exposure to Diisocyanatotoluene. <i>Chemical Research in Toxicology</i> , 1999, 12, 931-936.	1.7	73
35	Azide-Tetrazole Equilibrium of C-6 Azidopurine Nucleosides and Their Ligation Reactions with Alkynes. <i>Journal of Organic Chemistry</i> , 2010, 75, 2461-2473.	1.7	73
36	Liquid chromatographic-mass spectrometric analysis of conjugated diene fatty acids in a partially hydrogenated fat. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 1994, 71, 1321-1325.	0.8	72

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37	Fluorous Mixture Synthesis of (âˆ™)-Dictyostatin and Three Stereoisomers. <i>Organic Letters</i> , 2006, 8, 301-304.	2.4	71
38	Ascorbate Is the Primary Reductant of the Phenoxyl Radical of Etoposide in the Presence of Thiols both in Cell Homogenates and in Model Systems. <i>Biochemistry</i> , 1994, 33, 9651-9660.	1.2	70
39	Non-random peroxidation of different classes of membrane phospholipids in live cells detected by metabolically integrated cis-parinaric acid. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1283, 127-140.	1.4	70
40	Activation of the Nitric Oxide Synthase 2 Pathway in the Response of Bone Marrow Stromal Cells to High Doses of Ionizing Radiation. <i>Radiation Research</i> , 2000, 154, 73-86.	0.7	69
41	Streamlined Syntheses of (âˆ™)-Dictyostatin, 16-Desmethyl-25,26-dihydrodictyostatin, and 6-epi-16-Desmethyl-25,26-dihydrodictyostatin. <i>Journal of the American Chemical Society</i> , 2010, 132, 9175-9187.	6.6	69
42	N4-Phenyl-substituted 2-acetylpyridine thiosemicarbazones: Cytotoxicity against human tumor cells, structureâ€“activity relationship studies and investigation on the mechanism of action. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3396-3409.	1.4	66
43	Proteomic characterization of harvested pseudopodia with differential gel electrophoresis and specific antibodies. <i>Laboratory Investigation</i> , 2005, 85, 316-327.	1.7	65
44	Structureâ€“activity and Highâ€“content Imaging Analyses of Novel Tubulysins. <i>Chemical Biology and Drug Design</i> , 2007, 70, 75-86.	1.5	65
45	Chemical Library Screens Targeting an HIV-1 Accessory Factor/Host Cell Kinase Complex Identify Novel Antiretroviral Compounds. <i>ACS Chemical Biology</i> , 2009, 4, 939-947.	1.6	64
46	Chemistry and Biology of Curacin A. <i>Current Pharmaceutical Design</i> , 2004, 10, 1417-1437.	0.9	62
47	Toluene diisocyanate protein adducts in the bronchoalveolar lavage of guinea pigs exposed to vapors of the chemical. <i>Chemical Research in Toxicology</i> , 1993, 6, 906-912.	1.7	61
48	Guidelines for reporting the use of gel electrophoresis in proteomics. <i>Nature Biotechnology</i> , 2008, 26, 863-864.	9.4	61
49	Identification of an Inhibitor of hsc70-mediated Protein Translocation and ATP Hydrolysis. <i>Journal of Biological Chemistry</i> , 2001, 276, 910-914.	1.6	60
50	Oxidative stability of polyunsaturated fatty acids: effect of squalene. <i>European Journal of Lipid Science and Technology</i> , 2002, 104, 506-512.	1.0	60
51	Altered levels and regulation of stathmin in paclitaxel-resistant ovarian cancer cells. <i>Oncogene</i> , 2003, 22, 8924-8930.	2.6	58
52	Cytotoxic 3,4,5-trimethoxychalcones as mitotic arresters and cell migration inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 501-510.	2.6	58
53	Synthesis and biological evaluation of (âˆ™)-dictyostatin and stereoisomers. <i>Tetrahedron</i> , 2007, 63, 8537-8562.	1.0	55
54	In Vivo Structureâ€“Activity Relationship Studies Support Allosteric Targeting of a Dual Specificity Phosphatase. <i>ChemBioChem</i> , 2014, 15, 1436-1445.	1.3	54

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55	The potent microtubule-stabilizing agent (+)-discodermolide induces apoptosis in human breast carcinoma cells??preliminary comparisons to paclitaxel. <i>Anti-Cancer Drugs</i> , 1998, 9, 67-76.	0.7	53
56	In Vivo and In Vitro Reactions of Toluene Diisocyanate Isomers with Guinea Pig Hemoglobin. <i>Chemical Research in Toxicology</i> , 1996, 9, 568-573.	1.7	48
57	Detection and Characterization of the Electron Paramagnetic Resonance-Silent Glutathionyl-5,5-dimethyl-1-pyrroline N-Oxide Adduct Derived from Redox Cycling of Phenoxy Radicals in Model Systems and HL-60 Cells. <i>Archives of Biochemistry and Biophysics</i> , 1996, 330, 3-11.	1.4	48
58	Total Synthesis and Biological Evaluation of C16 Analogs of (âˆ™)-Dictyostatin. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2951-2966.	2.9	48
59	Genotoxicity assessed by the comet and GPA assays following in vitro exposure of human lymphoblastoid cells (H9) or perinatal exposure of motherâ€™ child pairs to AZT or AZT-3TC. <i>Environmental and Molecular Mutagenesis</i> , 2007, 48, 330-343.	0.9	48
60	Benzo[a]pyrene diol epoxide adduct formation in mouse and human hemoglobin: physicochemical basis for dosimetry. <i>Chemical Research in Toxicology</i> , 1990, 3, 111-117.	1.7	46
61	Reduction of Phenoxy Radicals by Thioredoxin Results in Selective Oxidation of Its SH-Groups to Disulfides. An Antioxidant Function of Thioredoxin. <i>Biochemistry</i> , 1995, 34, 4765-4772.	1.2	46
62	One-pot synthesis of aldehydes or ketones from carboxylic acids via in situ generation of Weinreb amides using the Deoxo-Fluor reagent. <i>Tetrahedron Letters</i> , 2006, 47, 6289-6292.	0.7	46
63	Synthesis and biological assessment of simplified analogues of the potent microtubule stabilizer (+)-Discodermolide. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 3335-3357.	1.4	45
64	Detection of conjugated C16 PUFAs in rat tissues as possible partial beta-oxidation products of naturally occurring conjugated linoleic acid and its metabolites. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004, 1682, 120-127.	1.2	45
65	Synthesis and Biological Evaluation of (âˆ™)-16-Normethyl dictyostatin:â€ A Potent Analogue of (âˆ™)-Dictyostatinâ€™. <i>Organic Letters</i> , 2005, 7, 2873-2876.	2.4	45
66	Synthesis and Biological Evaluation of Puralin and Analogues as Cytoplasmic Dynein Heavy Chain Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2063-2076.	2.9	41
67	Enantiospecificity of Covalent Adduct Formation by Benzo[a]pyrene anti-Diol Epoxide with Human Serum Albumin. <i>Chemical Research in Toxicology</i> , 1994, 7, 829-835.	1.7	40
68	Nitric Oxide Protects Cardiomyocytes against tert-Butyl Hydroperoxide-Induced Formation of Alkoxy and Peroxy Radicals and Peroxidation of Phosphatidylserine. <i>Biochemical and Biophysical Research Communications</i> , 1998, 244, 647-651.	1.0	40
69	Origin of the tetrahydroretrols derived from human hemoglobin adducts of benzo[a]pyrene. <i>Chemical Research in Toxicology</i> , 1989, 2, 280-281.	1.7	39
70	Synthesis and biological evaluation of a series of 1,1-dichloro-2,2,3-triarylcyclopropanes as pure antiestrogens. <i>Journal of Medicinal Chemistry</i> , 1991, 34, 842-851.	2.9	39
71	Systems Cell Biology Knowledge Created from High Content Screening. <i>Assay and Drug Development Technologies</i> , 2005, 3, 501-514.	0.6	39
72	Gallium(III) complexes with 2-acetylpyridine-derived thiosemicarbazones: antimicrobial and cytotoxic effects and investigation on the interactions with tubulin. <i>BioMetals</i> , 2013, 26, 151-165.	1.8	37

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73	Benzo[a]pyrene anti-diol epoxide covalently modifies human serum albumin carboxylate side chains and imidazole side chain of histidine(146). <i>Journal of the American Chemical Society</i> , 1991, 113, 8505-8509.	6.6	36
74	Simplified Discodermolide Analogues: Synthesis and Biological Evaluation of 4-epi-7-Dehydroxy-14,16-didemethyl-(+)-discodermolides as Microtubule-Stabilizing Agents. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 2846-2864.	2.9	36
75	A mathematical model of in vitro cancer cell growth and treatment with the antimitotic agent curacin A. <i>Mathematical Biosciences</i> , 2001, 170, 1-16.	0.9	35
76	Development of automated imaging and analysis for zebrafish chemical screens.. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	35
77	Cell-Based and Biochemical Structure-Activity Analyses of Analogs of the Microtubule Stabilizer Dictyostatin. <i>Molecular Pharmacology</i> , 2008, 73, 718-726.	1.0	34
78	Microtubule Binding and Disruption and Induction of Premature Senescence by Disorazole C ₁ . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 715-722.	1.3	34
79	N-(1-naphthyl)-3,4,5-trimethoxybenzohydrazide as microtubule destabilizer: Synthesis, cytotoxicity, inhibition of cell migration and in vivo activity against acute lymphoblastic leukemia. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 504-518.	2.6	33
80	Conversion of a hemoglobin .alpha. chain aspartate(47) ester to N-(2,3-dihydroxypropyl)asparagine as a method for identification of the principal binding site for benzo[a]pyrene anti-diol epoxide. <i>Chemical Research in Toxicology</i> , 1991, 4, 359-363.	1.7	32
81	A Tumor Cell-Selective Inhibitor of Mitogen-Activated Protein Kinase Phosphatases Sensitizes Breast Cancer Cells to Lymphokine-Activated Killer Cell Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 39-50.	1.3	32
82	Glutamate-induced cytotoxicity in PC12 pheochromocytoma cells: role of oxidation of phospholipids, glutathione and protein sulfhydryls revealed by bcl-2 transfection. <i>Molecular Brain Research</i> , 1998, 60, 270-281.	2.5	31
83	High Content Analysis of Cancer Cell Specific Apoptosis and Inhibition of <i>in Vivo</i> Angiogenesis by Synthetic (Z)-Pironetin and Analogs. <i>Chemical Biology and Drug Design</i> , 2009, 74, 358-368.	1.5	31
84	A Pregnane X Receptor Agonist with Unique Species-Dependent Stereoselectivity and Its Implications in Drug Development. <i>Molecular Pharmacology</i> , 2005, 68, 403-413.	1.0	30
85	Characterization and detection of cellular and proteomic alterations in stable stathmin-overexpressing, taxol-resistant BT549 breast cancer cells using offgel IEF/PAGE difference gel electrophoresis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 722, 154-164.	0.9	30
86	Myeloperoxidase-Catalyzed Metabolism of Etoposide to Its Quinone and Glutathione Adduct Forms in HL60 Cells. <i>Chemical Research in Toxicology</i> , 2006, 19, 937-943.	1.7	29
87	Total Synthesis and Biological Evaluation of Tubulysin Analogues. <i>Journal of Organic Chemistry</i> , 2016, 81, 10302-10320.	1.7	29
88	Identification of an in vivo chrysenediol epoxide adduct in human hemoglobin. <i>Chemical Research in Toxicology</i> , 1990, 3, 340-343.	1.7	28
89	Peroxidase-Catalyzed Pro- versus Antioxidant Effects of 4-Hydroxytamoxifen: Enzyme Specificity and Biochemical Sequelae. <i>Chemical Research in Toxicology</i> , 1999, 12, 28-37.	1.7	28
90	A novel and direct synthesis of 1,3,4-oxadiazoles or oxazolines from carboxylic acids using cyanuric chloride/indium. <i>Tetrahedron Letters</i> , 2009, 50, 5332-5335.	0.7	28

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91	NO-Redox Paradox: Direct Oxidation of $\hat{\pm}$ -Tocopherol and $\hat{\pm}$ -Tocopherol-Mediated Oxidation of Ascorbate. <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 835-841.	1.0	27
92	Quantitation of benzo[a]pyrene-DNA adducts by postlabeling with ^{14}C -acetic anhydride and accelerator mass spectrometry. <i>Chemico-Biological Interactions</i> , 2000, 126, 171-183.	1.7	27
93	Synthesis and Biological Evaluation of Neopeltolide and Analogs. <i>Journal of Organic Chemistry</i> , 2012, 77, 2225-2235.	1.7	27
94	Synthesis and biological evaluation of 1,1-Dichloro-2,3-diarylcyclopropanes as antitubulin and anti-breast cancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 715-722.	1.4	26
95	Controlled conversion of phenylacetic acids to phenylacetonitriles or benzonitriles using bis(2-methoxyethyl)aminosulfur trifluoride. <i>Tetrahedron Letters</i> , 2008, 49, 914-918.	0.7	25
96	Synthesis and Biological Properties of C-2 Triazolylinosine Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 5870-5883.	1.7	25
97	Improved Synthesis of 6-epi-Dictyostatin and Antitumor Efficacy in Mice Bearing MDA-MB231 Human Breast Cancer Xenografts. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6650-6653.	2.9	24
98	Synthesis and high content cell-based profiling of simplified analogues of the microtubule stabilizer (+)-discodermolide. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 1305-13.	1.9	24
99	Direct, facile synthesis of acyl azides and nitriles from carboxylic acids using bis(2-methoxyethyl)aminosulfur trifluoride. <i>Tetrahedron Letters</i> , 2007, 48, 5933-5937.	0.7	22
100	Gas chromatographic-mass spectrometric analysis of diols and tetrols from reactions of polycyclic aromatic hydrocarbon epoxides with hemoglobin. <i>Biomedical Applications</i> , 1991, 562, 563-571.	1.7	21
101	Fluoranthene metabolism: human and rat liver microsomes display different stereoselective formation of the trans-2,3-dihydrodiol. <i>Chemical Research in Toxicology</i> , 1992, 5, 779-786.	1.7	21
102	HPRT gene alterations in umbilical cord blood T-lymphocytes in newborns of mothers exposed to tobacco smoke during pregnancy. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 572, 156-166.	0.4	21
103	A Simplified Synthesis of Novel Dictyostatin Analogues with <i>In Vitro</i> Activity against Epithilone Resistant Cells and Antiangiogenic Activity in Zebrafish Embryos. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 994-1006.	1.9	21
104	Development and Validation of a High-Content Screening Assay to Identify Inhibitors of Cytoplasmic Dynein-Mediated Transport of Glucocorticoid Receptor to the Nucleus. <i>Assay and Drug Development Technologies</i> , 2012, 10, 432-456.	0.6	21
105	Discovery of a diaminoquinoxaline benzenesulfonamide antagonist of HIV-1 Nef function using a yeast-based phenotypic screen. <i>Retrovirology</i> , 2013, 10, 135.	0.9	21
106	Production and characterization of monoclonal antibodies against ochratoxin B. <i>Food and Chemical Toxicology</i> , 2007, 45, 827-833.	1.8	20
107	Elevated 4-Aminobiphenyl and 2,6-Dimethylaniline Hemoglobin Adducts and Increased Risk of Bladder Cancer among Lifelong Nonsmokers-The Shanghai Bladder Cancer Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 937-945.	1.1	20
108	Brisk production of nitric oxide and associated formation of S-nitrosothiols in early hemorrhage. <i>Journal of Applied Physiology</i> , 2006, 100, 1267-1277.	1.2	19

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109	Human Liver Microsomal Metabolism of (+)-Discodermolide. <i>Journal of Natural Products</i> , 2009, 72, 1748-1754.	1.5	19
110	Fluorescence line-narrowing spectral analysis of in vivo human hemoglobin-benzo[a]pyrene adducts: comparison to synthetic analogs. <i>Journal of the American Chemical Society</i> , 1990, 112, 5866-5869.	6.6	18
111	CoMFA, HQSAR and molecular docking studies of butitaxel analogues with β -tubulin. <i>Journal of Molecular Modeling</i> , 2005, 11, 48-54.	0.8	18
112	Microwave-Assisted α -Libraries from Libraries Approach toward the Synthesis of Allyl- and C-Cyclopropylalkylamides. <i>ACS Combinatorial Science</i> , 2005, 7, 322-330.	3.3	18
113	Structure-function analysis of D9N and N291S mutations in human lipoprotein lipase using molecular modelling. <i>Journal of Molecular Graphics and Modelling</i> , 2001, 19, 487-494.	1.3	17
114	Direct tubulin polymerization perturbation contributes significantly to the induction of micronuclei in vivo. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 350, 331-337.	0.4	16
115	Synthesis and evaluation of orally active small molecule HIV-1 Nef antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1480-1484.	1.0	16
116	Human serum albumin-benzo[a]pyrene anti-diol epoxide adduct structure elucidation by fluorescence line narrowing spectroscopy. <i>Chemical Research in Toxicology</i> , 1992, 5, 71-76.	1.7	15
117	Peroxidase-catalyzed oxidation of β -carotene in HL-60 cells and in model systems: Involvement of phenoxyl radicals. <i>Lipids</i> , 1997, 32, 131-142.	0.7	15
118	Synthesis and structure-activity analysis of diphenylpyrazolodiazene inhibitors of the HIV-1 Nef virulence factor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1702-1706.	1.0	15
119	Metal-Dependent Conformers of the Periplasmic Ferric Ion Binding Protein. <i>Biochemistry</i> , 1997, 36, 13054-13059.	1.2	14
120	Design and Synthesis of a Library of Tetracyclic Hydroazulenoisoindoles. <i>ACS Combinatorial Science</i> , 2009, 11, 486-494.	3.3	14
121	Mouse Model for Assessing Endotoxin Involvement in the Lung Inflammation and Cytokine Production Resulting from Inhaled Organic Dust. <i>Inhalation Toxicology</i> , 1994, 6, 485-499.	0.8	13
122	Evaluation of FR901464 analogues in vitro and in vivo. <i>MedChemComm</i> , 2011, 2, 38-43.	3.5	13
123	Dynamics of haemoglobin. <i>Nature</i> , 1996, 383, 30-31.	13.7	12
124	Induction of human breast cancer cell apoptosis from G2/M preceded by stimulation into the cell cycle by Z-1,1-dichloro-2,3-diphenylcyclopropane. <i>Biochemical Pharmacology</i> , 1999, 57, 97-110.	2.0	12
125	Convenient syntheses of (2R,3S,4R)-3-(tert-butyl(dimethyl)silyloxy)-2,4-dimethyl-5-oxopentanoic acid methoxymethylamide from methacrolein. Preparation of C1-C7 and C17-C24 fragments of (+)-discodermolide. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1161-1165.	1.8	12
126	Characterization of Inhibitors of Glucocorticoid Receptor Nuclear Translocation: A Model of Cytoplasmic Dynein-Mediated Cargo Transport. <i>Assay and Drug Development Technologies</i> , 2012, 10, 46-60.	0.6	12

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127	Complex changes in the liver mitochondrial proteome of short chain acyl-CoA dehydrogenase deficient mice. <i>Molecular Genetics and Metabolism</i> , 2014, 112, 30-39.	0.5	12
128	New antiestrogens from a library screen of homoallylic amides, allylic amides, and C-cyclopropylalkylamides. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 157-164.	1.4	11
129	Polyhydroxylalkyleneamines: A class of hydrophilic cationic polymer-based gene transfer agents. <i>Journal of Controlled Release</i> , 2009, 137, 38-45.	4.8	11
130	Determination of warfarin alcohols by ultra-high performance liquid chromatography-tandem mass spectrometry: Application to in vitro enzyme kinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 944, 63-68.	1.2	11
131	Quo vadis blood protein adductomics?. <i>Archives of Toxicology</i> , 2022, 96, 79-103.	1.9	11
132	Is It Realistic to Propose Determination of a Lifetime Internal Exposome?. <i>Chemical Research in Toxicology</i> , 2020, 33, 2010-2021.	1.7	10
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