

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	Quo vadis blood protein adductomics?. <i>Archives of Toxicology</i> , 2022, 96, 79-103.	1.9	11
2	N-acetyl-lysyltyrosylcysteine amide, a novel systems pharmacology agent, reduces bronchopulmonary dysplasia in hyperoxic neonatal rat pups. <i>Free Radical Biology and Medicine</i> , 2021, 166, 73-89.	1.3	8
3	Is It Realistic to Propose Determination of a Lifetime Internal Exposome?. <i>Chemical Research in Toxicology</i> , 2020, 33, 2010-2021.	1.7	10
4	Prioritizing aromatic amines for biomonitoring studies. <i>Chemico-Biological Interactions</i> , 2020, 328, 109191.	1.7	0
5	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
6	Total Synthesis and Biological Evaluation of Tubulysin Analogues. <i>Journal of Organic Chemistry</i> , 2016, 81, 10302-10320.	1.7	29
7	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
8	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
9	The Anti-Promyelocytic Leukemia Mode of Action of Two Endophytic Secondary Metabolites Unveiled by a Proteomic Approach. <i>Planta Medica</i> , 2014, 80, 473-481.	0.7	7
10	In Vivo Structure-Activity Relationship Studies Support Allosteric Targeting of a Dual Specificity Phosphatase. <i>ChemBioChem</i> , 2014, 15, 1436-1445.	1.3	54
11	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
12	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
13	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
14	Structure Elucidation of phase I Metabolites of the Microtubule Perturbagens: Ceratamines A and B. <i>Journal of Natural Products</i> , 2014, 77, 1572-1578.	1.5	7
15	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
16	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
17	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
18	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

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19	Histone Deacetylase Inhibitor Enhances Recovery after AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 943-953.	3.0	160
20	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
21	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
22	Synthesis and Biological Evaluation of Neopeltolide and Analogs. <i>Journal of Organic Chemistry</i> , 2012, 77, 2225-2235.	1.7	27
23	Synthesis and Biological Properties of C-2 Triazolylinosine Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 5870-5883.	1.7	25
24	N4-Phenyl-substituted 2-acetylpyridine thiosemicarbazones: Cytotoxicity against human tumor cells, structure-activity relationship studies and investigation on the mechanism of action. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3396-3409.	1.4	66
25	Evaluation of FR901464 analogues in vitro and in vivo. <i>MedChemComm</i> , 2011, 2, 38-43.	3.5	13
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	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
28	Efficient syntheses of 25,26-dihydrodictyostatin and 25,26-dihydro-6- <i>epi</i> -dictyostatin, two potent new microtubule-stabilizing agents. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1372-1378.	1.3	9
29	A Simplified Synthesis of Novel Dictyostatin Analogues with <i>In Vitro</i> Activity against Epothilone Resistant Cells and Antiangiogenic Activity in Zebrafish Embryos. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 994-1006.	1.9	21
30	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
31	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
32	Streamlined Syntheses of (<i>â</i>)-Dictyostatin, 16-Desmethyl-25,26-dihydrodictyostatin, and 6- <i>epi</i> -16-Desmethyl-25,26-dihydrodictyostatin. <i>Journal of the American Chemical Society</i> , 2010, 132, 9175-9187.	6.6	69
33	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
34	A functionalizable polyester with free hydroxyl groups and tunable physiochemical and biological properties. <i>Biomaterials</i> , 2010, 31, 3129-3138.	5.7	112
35	Development of automated imaging and analysis for zebrafish chemical screens.. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	35
36	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

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37	Regulation of the autophagy protein LC3 by phosphorylation. <i>Journal of Cell Biology</i> , 2010, 190, 533-539.	2.3	284
38	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
39	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
40	Polyhydroxylalkylamineamides: A class of hydrophilic cationic polymer-based gene transfer agents. <i>Journal of Controlled Release</i> , 2009, 137, 38-45.	4.8	11
41	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
42	High-Content Analysis of Cancer-Cell-Specific Apoptosis and Inhibition of <i>in Vivo</i> Angiogenesis by Synthetic Pironetin and Analogs. <i>Chemical Biology and Drug Design</i> , 2009, 74, 358-368.	1.5	31
43	Biphenyl C-cyclopropylalkylamides: New scaffolds for targeting estrogen receptor β . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2404-2408.	1.0	5
44	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
45	Evaluation of biosensor surfaces for the detection of microtubule perturbation. <i>Biosensors and Bioelectronics</i> , 2009, 25, 136-141.	5.3	5
46	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
47	Human Liver Microsomal Metabolism of (+)-Discodermolide. <i>Journal of Natural Products</i> , 2009, 72, 1748-1754.	1.5	19
48	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
49	Design and Synthesis of a Library of Tetracyclic Hydroazulenoisoindoles. <i>ACS Combinatorial Science</i> , 2009, 11, 486-494.	3.3	14
50	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
51	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
52	Tubulin-Perturbing Naphthoquinone Spiroketal. <i>Chemical Biology and Drug Design</i> , 2008, 71, 117-124.	1.5	6
53	Guidelines for reporting the use of gel electrophoresis in proteomics. <i>Nature Biotechnology</i> , 2008, 26, 863-864.	9.4	61
54	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

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55	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
56	(Z)-1,1-Dichloro-2-(4-methoxyphenyl)-3-phenylcyclopropane induces concentration-dependent growth inhibition, apoptosis, and coordinates regulation of apoptotic genes in TRAMP cells. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2008, 26, 378-385.	0.8	1
57	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
58	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
59	Probing the role of the potent microtubule disrupting agent disorazole C 1 in premature cellular senescence induction. <i>FASEB Journal</i> , 2008, 22, 642.1.	0.2	0
60	New Opportunities for Pregnane X Receptor (PXR) Targeting in Drug Development. Lessons from Enantio- and Species-Specific PXR Ligands Identified from A Discovery Library of Amino Acid Analogues. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 617-625.	1.1	8
61	Production and characterization of monoclonal antibodies against ochratoxin B. <i>Food and Chemical Toxicology</i> , 2007, 45, 827-833.	1.8	20
62	Total Synthesis and Biological Evaluation of C16 Analogs of (β)-Dictyostatin. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2951-2966.	2.9	48
63	Genotoxicity assessed by the comet andGPA assays following in vitro exposure of human lymphoblastoid cells (H9) or perinatal exposure of mother–child pairs to AZT or AZT-3TC. <i>Environmental and Molecular Mutagenesis</i> , 2007, 48, 330-343.	0.9	48
64	Synthesis and biological evaluation of (β)-dictyostatin and stereoisomers. <i>Tetrahedron</i> , 2007, 63, 8537-8562.	1.0	55
65	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
66	Cyclostreptin binds covalently to microtubule pores and luminal taxoid binding sites. , 2007, 3, 117-125.		130
67	Structure–activity and High–content Imaging Analyses of Novel Tubulysins. <i>Chemical Biology and Drug Design</i> , 2007, 70, 75-86.	1.5	65
68	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
69	Fluorous Mixture Synthesis of (β)-Dictyostatin and Three Stereoisomers. <i>Organic Letters</i> , 2006, 8, 301-304.	2.4	71
70	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
71	Albumin marks pseudopodia of astrocytoma cells responding to hepatocyte growth factor or serum. <i>Laboratory Investigation</i> , 2006, 86, 1103-1114.	1.7	3
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	Proteomic characterization of harvested pseudopodia with differential gel electrophoresis and specific antibodies. <i>Laboratory Investigation</i> , 2005, 85, 316-327.	1.7	65
81	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
82	Microwave-Assisted Libraries from Libraries Approach Toward the Synthesis of Allyl- and C-Cyclopropylalkylamides.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
83	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
84	Redox Regulation of Cdc25B by Cell-Active Quinolinediones. <i>Molecular Pharmacology</i> , 2005, 68, 1810-1820.	1.0	81
85	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
86	Systems Cell Biology Knowledge Created from High Content Screening. <i>Assay and Drug Development Technologies</i> , 2005, 3, 501-514.	0.6	39
87	Synthesis and Biological Evaluation of ($\hat{\alpha}$)-16-Normethyldictyostatin: A Potent Analogue of ($\hat{\alpha}$)-Dictyostatin. <i>Organic Letters</i> , 2005, 7, 2873-2876.	2.4	45
88	Tubulin Assembly, Taxoid Site Binding, and Cellular Effects of the Microtubule-Stabilizing Agent Dictyostatin. <i>Biochemistry</i> , 2005, 44, 15053-15063.	1.2	88
89	Microwave-Assisted Libraries from Libraries Approach toward the Synthesis of Allyl- and C-Cyclopropylalkylamides. <i>ACS Combinatorial Science</i> , 2005, 7, 322-330.	3.3	18
90	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

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91	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
92	Chemistry and Biology of Curacin A. <i>Current Pharmaceutical Design</i> , 2004, 10, 1417-1437.	0.9	62
93	Inhibition of Estrogen Receptor $\hat{\pm}$ -Mediated Transcription by Antiestrogenic 1,1-Dichloro-2,2,3-triarylcyclopropanes. <i>Molecular Pharmacology</i> , 2004, 66, 970-977.	1.0	4
94	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
95	Identification of structural components associated with cytostatic activity in MCF-7 but not in MDA-MB-231 cells. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 5249-5258.	1.4	5
96	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
97	Altered levels and regulation of stathmin in paclitaxel-resistant ovarian cancer cells. <i>Oncogene</i> , 2003, 22, 8924-8930.	2.6	58
98	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
99	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
100	Discodermolide/Dictyostatin Hybrids: Synthesis and Biological Evaluation. <i>Organic Letters</i> , 2002, 4, 4443-4446.	2.4	74
101	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
102	Convenient syntheses of (2R,3S,4R)-3-(tert-butyldimethylsilyloxy)-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
103	The antesignaling agent SC-alpha alpha delta 9, 4-(benzyl-(2-[(2,5-diphenyloxazole-4-carbonyl)amino]ethyl)carbamoyl)- 2-decanoylaminobutyric acid, is a structurally unique phospholipid analogue with phospholipase C inhibitory activity. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 885-92.	1.9	10
104	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
105	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
106	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
107	Synthesis and Biological Activity of a Photoaffinity Etoposide Probe. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1765-1771.	1.4	8
108	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

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109	Z-1,1-Dichloro-2,3-diphenylcyclopropanes block human prostate carcinoma cell proliferation, inhibit prostate-specific antigen expression, and initiate apoptosis. <i>Prostate</i> , 2000, 45, 277-288.	1.2	2
110	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
111	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
112	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
113	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
114	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
115	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
116	Increased Sensitivity of the Antiestrogen-Resistant MCF-7/LY2 Human Breast Carcinoma Cell Line to Apoptosis Induced by the Novel Microtubule Stabilizing Agent (+)-Discodermolide. <i>Breast Journal</i> , 1998, 4, 409-419.	0.4	9
117	Glutamate-induced cytotoxicity in PC12 pheochromocytoma cells: role of oxidation of phospholipids, glutathione and protein sulphydryls revealed by bcl-2 transfection. <i>Molecular Brain Research</i> , 1998, 60, 270-281.	2.5	31
118	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
119	Nitric Oxide Protects Cardiomyocytes against tert-Butyl Hydroperoxide-Induced Formation of Alkoxy and Peroxyl Radicals and Peroxidation of Phosphatidylserine. <i>Biochemical and Biophysical Research Communications</i> , 1998, 244, 647-651.	1.0	40
120	Effects of Bulky Polycyclic Aromatic Hydrocarbon Adducts on DNA Replication by Exonuclease-Deficient T7 and T4 DNA Polymerases. <i>DNA and Cell Biology</i> , 1998, 17, 541-549.	0.9	8
121	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
122	Î²-Carotene. <i>Sub-Cellular Biochemistry</i> , 1998, , 209-217.	1.0	2
123	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
124	Formation, Solvolysis, and Transcarbamoylation 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
125	Metal-Dependent Conformers of the Periplasmic Ferric Ion Binding Protein. <i>Biochemistry</i> , 1997, 36, 13054-13059.	1.2	14
126	Peroxidase-catalyzed oxidation of Î²-carotene in HL-60 cells and in model systems: Involvement of phenoxy radicals. <i>Lipids</i> , 1997, 32, 131-142.	0.7	15

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127	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
128	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
129	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
130	NO-Redox Paradox: Direct Oxidation of α -Tocopherol and α -Tocopherol-Mediated Oxidation of Ascorbate. <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 835-841.	1.0	27
131	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
132	Dynamics of haemoglobin. <i>Nature</i> , 1996, 383, 30-31.	13.7	12
133	Discodermolide, A Cytotoxic Marine Agent That Stabilizes Microtubules More Potently Than Taxol. <i>Biochemistry</i> , 1996, 35, 243-250.	1.2	406
134	Electron spin resonance and mass spectral analysis of interactions of ferrylhemoglobin and ferrylmyoglobin with nitric oxide. <i>Methods in Enzymology</i> , 1996, 268, 193-203.	0.4	6
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