Wei Li

List of Publications by Year
in descending order

219 papers	11,920 citations	25034 57 h-index	36028 97 g-index
223 all docs	223 docs citations	223 times ranked	13156 citing authors

#	Article	IF	Citations
1	HIF-1Î± pathway: role, regulation and intervention for cancer therapy. Acta Pharmaceutica Sinica B, 2015, 5, 378-389.	12.0	1,377
2	An Overview of Tubulin Inhibitors That Interact with the Colchicine Binding Site. Pharmaceutical Research, 2012, 29, 2943-2971.	3.5	610
3	Steroidogenesis in the skin: Implications for local immune functions. Journal of Steroid Biochemistry and Molecular Biology, 2013, 137, 107-123.	2.5	305
4	In vivo evidence for a novel pathway of vitamin D ₃ metabolism initiated by P450scc and modified by CYP27B1. FASEB Journal, 2012, 26, 3901-3915.	0.5	250
5	Magnetic Glyco-Nanoparticles: A Tool To Detect, Differentiate, and Unlock the Glyco-Codes of Cancer via Magnetic Resonance Imaging. Journal of the American Chemical Society, 2010, 132, 4490-4499.	13.7	240
6	Novel activities of CYP11A1 and their potential physiological significance. Journal of Steroid Biochemistry and Molecular Biology, 2015, 151, 25-37.	2.5	235
7	RORÎ± and ROR Î³ are expressed in human skin and serve as receptors for endogenously produced noncalcemic 20â€hydroxyâ€•and 20,23â€dihydroxyvitamin D. FASEB Journal, 2014, 28, 2775-2789.	0.5	232
8	The transcriptional factors HIF-1 and HIF-2 and their novel inhibitors in cancer therapy. Expert Opinion on Drug Discovery, 2019, 14, 667-682.	5.0	204
9	Detection of novel CYP11A1-derived secosteroids in the human epidermis and serum and pig adrenal gland. Scientific Reports, 2015, 5, 14875.	3.3	201
10	Discovery of 4-Substituted Methoxybenzoyl-aryl-thiazole as Novel Anticancer Agents: Synthesis, Biological Evaluation, and Structureâˆ'Activity Relationships. Journal of Medicinal Chemistry, 2009, 52, 1701-1711.	6.4	162
11	Hyaluronic Acid Immobilized Magnetic Nanoparticles for Active Targeting and Imaging of Macrophages. Bioconjugate Chemistry, 2010, 21, 2128-2135.	3.6	148
12	The cytochrome P450scc system opens an alternate pathway of vitaminâ€ƒD3 metabolism. FEBS Journal, 2005, 272, 4080-4090.	4.7	142
13	The role of CYP11A1 in the production of vitamin D metabolites and their role in the regulation of epidermal functions. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 28-39.	2.5	136
14	Products of Vitamin D3 or 7-Dehydrocholesterol Metabolism by Cytochrome P450scc Show Anti-Leukemia Effects, Having Low or Absent Calcemic Activity. PLoS ONE, 2010, 5, e9907.	2.5	135
15	Tubulin Inhibitor-Based Antibody-Drug Conjugates for Cancer Therapy. Molecules, 2017, 22, 1281.	3.8	135
16	Ginsenoside Metabolites, Rather Than Naturally Occurring Ginsenosides, Lead to Inhibition of Human Cytochrome P450 Enzymes. Toxicological Sciences, 2006, 91, 356-364.	3.1	127
17	Metabolism of melatonin and biological activity of intermediates of melatoninergic pathway in human skin cells. FASEB Journal, 2013, 27, 2742-2755.	0.5	118
18	Endogenously produced nonclassical vitamin D hydroxy-metabolites act as â€œbiasedâ€•agonists on VDR and inverse agonists on RORÎ± and RORÎ³. Journal of Steroid Biochemistry and Molecular Biology, 2017, 173, 42-56.	2.5	117

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19	New substituted 4H-chromenes as anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4458-4461.	2.2	114
20	Discovery of Novel 2-Aryl-4-benzoyl-imidazoles Targeting the Colchicines Binding Site in Tubulin As Potential Anticancer Agents. Journal of Medicinal Chemistry, 2010, 53, 7414-7427.	6.4	111
21	Pathways and products for the metabolism of vitamin D3 by cytochrome P450scc. FEBS Journal, 2008, 275, 2585-2596.	4.7	109
22	20-Hydroxyvitamin D₂is a noncalcemic analog of vitamin D with potent antiproliferative and prodifferentiation activities in normal and malignant cells. American Journal of Physiology - Cell Physiology, 2011, 300, C526-C541.	4.6	108
23	Development of Multifunctional Hyaluronan-Coated Nanoparticles for Imaging and Drug Delivery to Cancer Cells. Biomacromolecules, 2012, 13, 1144-1151.	5.4	105
24	Protective effects of novel derivatives of vitamin D3 and lumisterol against UVB-induced damage in human keratinocytes involve activation of Nrf2 and p53 defense mechanisms. Redox Biology, 2019, 24, 101206.	9.0	105
25	Osteoporosis: Mechanism, Molecular Target and Current Status on Drug Development. Current Medicinal Chemistry, 2021, 28, 1489-1507.	2.4	101
26	Discovery of Novel 2-Aryl-4-benzoyl-imidazole (ABI-III) Analogues Targeting Tubulin Polymerization As Antiproliferative Agents. Journal of Medicinal Chemistry, 2012, 55, 7285-7289.	6.4	100
27	Design, Synthesis, and SAR Studies of 4-Substituted Methoxylbenzoyl-aryl-thiazoles Analogues as Potent and Orally Bioavailable Anticancer Agents. Journal of Medicinal Chemistry, 2011, 54, 4678-4693.	6.4	99
28	Current advances of tubulin inhibitors as dual acting small molecules for cancer therapy. Medicinal Research Reviews, 2019, 39, 1398-1426.	10.5	98
29	A Potent, Metabolically Stable Tubulin Inhibitor Targets the Colchicine Binding Site and Overcomes Taxane Resistance. Cancer Research, 2018, 78, 265-277.	0.9	91
30	An alternative pathway of vitamin D2 metabolism. FEBS Journal, 2006, 273, 2891-2901.	4.7	90
31	In vivo production of novel vitamin D2 hydroxy-derivatives by human placentas, epidermal keratinocytes, Caco-2 colon cells and the adrenal gland. Molecular and Cellular Endocrinology, 2014, 383, 181-192.	3.2	88
32	Melatonin and its metabolites accumulate in the human epidermis in vivo and inhibit proliferation and tyrosinase activity in epidermal melanocytes in vitro. Molecular and Cellular Endocrinology, 2015, 404, 1-8.	3.2	86
33	Sequential Metabolism of 7-Dehydrocholesterol to Steroidal 5,7-Dienes in Adrenal Glands and Its Biological Implication in the Skin. PLoS ONE, 2009, 4, e4309.	2.5	84
34	Heterocyclic-Fused Pyrimidines as Novel Tubulin Polymerization Inhibitors Targeting the Colchicine Binding Site: Structural Basis and Antitumor Efficacy. Journal of Medicinal Chemistry, 2018, 61, 1704-1718.	6.4	84
35	Design, Synthesis, and Biological Evaluation of Stable Colchicine Binding Site Tubulin Inhibitors as Potential Anticancer Agents. Journal of Medicinal Chemistry, 2014, 57, 7355-7366.	6.4	83
36	Production of 22-Hydroxy Metabolites of Vitamin D3 by Cytochrome P450scc (CYP11A1) and Analysis of Their Biological Activities on Skin Cells. Drug Metabolism and Disposition, 2011, 39, 1577-1588.	3.3	80

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37	Cytochromes P450 and Skin Cancer: Role of Local Endocrine Pathways. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 77-96.	1.7	78
38	20S-Hydroxyvitamin D₃, Noncalcemic Product of CYP11A1 Action on Vitamin D₃, Exhibits Potent Antifibrogenic Activity in Vivo. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E298-E303.	3.6	76
39	On the role of classical and novel forms of vitamin D in melanoma progression and management. Journal of Steroid Biochemistry and Molecular Biology, 2018, 177, 159-170.	2.5	75
40	Cytochrome P450scc-dependent metabolism of 7-dehydrocholesterol in placenta and epidermal keratinocytes. International Journal of Biochemistry and Cell Biology, 2012, 44, 2003-2018.	2.8	74
41	Structural Optimization of Indole Derivatives Acting at Colchicine Binding Site as Potential Anticancer Agents. ACS Medicinal Chemistry Letters, 2015, 6, 993-997.	2.8	71
42	Recent Progress on Tubulin Inhibitors with Dual Targeting Capabilities for Cancer Therapy. Journal of Medicinal Chemistry, 2021, 64, 7963-7990.	6.4	69
43	Novel non-calcemic secosteroids that are produced by human epidermal keratinocytes protect against solar radiation. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 52-63.	2.5	68
44	Enzymatic Metabolism of Ergosterol by Cytochrome P450scc to Biologically Active 17Î±,24-Dihydroxyergosterol. Chemistry and Biology, 2005, 12, 931-939.	6.0	67
45	Notch-1 signaling facilitates survivin expression in human non-small cell lung cancer cells. Cancer Biology and Therapy, 2011, 11, 14-21.	3.4	67
46	Synthesis and antiproliferative activity of thiazolidine analogs for melanoma. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4113-4117.	2.2	66
47	The Roles of Vitamin D and Its Analogs in Inflammatory Diseases. Current Topics in Medicinal Chemistry, 2016, 16, 1242-1261.	2.1	66
48	Correlation between secosteroid-induced vitamin D receptor activity in melanoma cells and computer-modeled receptor binding strength. Molecular and Cellular Endocrinology, 2012, 361, 143-152.	3.2	65
49	Synthesis and antiproliferative activity of novel 2-aryl-4-benzoyl-imidazole derivatives targeting tubulin polymerization. Bioorganic and Medicinal Chemistry, 2011, 19, 4782-4795.	3.0	64
50	Characterization of a new pathway that activates lumisterol in vivo to biologically active hydroxylumisterols. Scientific Reports, 2017, 7, 11434.	3.3	64
51	Synthesis, Characterization, and Long-Term Stability of Hollow Polymer Nanocapsules with Nanometer-Thin Walls. Macromolecules, 2010, 43, 7785-7792.	4.8	63
52	Chemical synthesis of 20S-hydroxyvitamin D3, which shows antiproliferative activity. Steroids, 2010, 75, 926-935.	1.8	61
53	20-hydroxyvitamin Dâ‚ƒ inhibits proliferation of cancer cells with high efficacy while being non-toxic. Anticancer Research, 2012, 32, 739-46.	1.1	61
54	Novel nonsteroidal ligands with high binding affinity and potent functional activity for the androgen receptor. European Journal of Medicinal Chemistry, 2002, 37, 619-634.	5.5	60

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55	Photo-conversion of two epimers (20R and 20S) of pregna-5,7-diene-3Î², 17Î±, 20-triol and their bioactivity in melanoma cells. Steroids, 2009, 74, 218-228.	1.8	60
56	Identification and Characterization of Human UDP-Glucuronosyltransferases Responsible for the In Vitro Glucuronidation of Daphnetin. Drug Metabolism and Disposition, 2010, 38, 973-980.	3.3	60
57	Glyconanoparticle Aided Detection of Î²-Amyloid by Magnetic Resonance Imaging and Attenuation of Î²-Amyloid Induced Cytotoxicity. ACS Chemical Neuroscience, 2013, 4, 575-584.	3.5	60
58	Recent Advances in Heterocyclic Tubulin Inhibitors Targeting the Colchicine Binding Site. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 1325-1338.	1.7	60
59	Structure-Guided Design, Synthesis, and Biological Evaluation of (2-(1H-Indol-3-yl)-1H-imidazol-4-yl)(3,4,5-trimethoxyphenyl) Methanone (ABI-231) Analogues Targeting the Colchicine Binding Site in Tubulin. Journal of Medicinal Chemistry, 2019, 62, 6734-6750.	6.4	59
60	Ultra-performance LC Separation and Quadrupole Time-of-flight MS Identification of Major Alkaloids in Plumula Nelumbinis. Phytochemical Analysis, 2014, 25, 485-494.	2.4	57
61	Novel vitamin D photoproducts and their precursors in the skin. Dermato-Endocrinology, 2013, 5, 7-19.	1.8	56
62	Rapid structural characterization of the arabinogalactan and lipoarabinomannan in live mycobacterial cells using 2D and 3D HR-MAS NMR: structural changes in the arabinan due to ethambutol treatment and gene mutation are observed. Glycobiology, 2004, 15, 139-151.	2.5	55
63	Discovery of 4-Aryl-2-benzoyl-imidazoles as Tubulin Polymerization Inhibitor with Potent Antiproliferative Properties. Journal of Medicinal Chemistry, 2013, 56, 3318-3329.	6.4	55
64	Classical and nonâ€classical metabolic transformation of vitamin D in dermal fibroblasts. Experimental Dermatology, 2016, 25, 231-232.	2.9	54
65	Inhibition of Human Liver Cytochrome P450 by Star Fruit Juice. Journal of Pharmacy and Pharmaceutical Sciences, 2007, 10, 496.	2.1	53
66	miR-203 inhibits ovarian tumor metastasis by targeting BIRC5 and attenuating the TGFÎ² pathway. Journal of Experimental and Clinical Cancer Research, 2018, 37, 235.	8.6	53
67	Taxane resistance in castration-resistant prostate cancer: mechanisms and therapeutic strategies. Acta Pharmaceutica Sinica B, 2018, 8, 518-529.	12.0	53
68	Novel Tubulin Polymerization Inhibitors Overcome Multidrug Resistance and Reduce Melanoma Lung Metastasis. Pharmaceutical Research, 2012, 29, 3040-3052.	3.5	50
69	Overcoming photodynamic resistance and tumor targeting dual-therapy mediated by indocyanine green conjugated gold nanospheres. Journal of Controlled Release, 2017, 258, 171-181.	9.9	50
70	Vitamin D Analogs 17,20S(OH)2pD and 17,20R(OH)2pD Are Noncalcemic and Exhibit Antifibrotic Activity. Journal of Investigative Dermatology, 2011, 131, 1167-1169.	0.7	49
71	Supramolecular Steric Effects as the Means of Making Reactive Carbon Radicals Persistent. Quantitative Characterization of the External Surface of MFI Zeolites through a Persistent Radical Probe and a Langmuir Adsorption Isotherm. Journal of Organic Chemistry, 2000, 65, 1319-1330.	3.2	46
72	Synthesis and antiproliferative activity of imidazole and imidazoline analogs for melanoma. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3183-3187.	2.2	46

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73	Metabolism of 1Î±-hydroxyvitamin D3 by cytochrome P450scc to biologically active 1Î±,20-dihydroxyvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2008, 112, 213-219.	2.5	46
74	Metabolism of cholesterol, vitamin D3 and 20-hydroxyvitamin D3 incorporated into phospholipid vesicles by human CYP27A1. Journal of Steroid Biochemistry and Molecular Biology, 2012, 129, 163-171.	2.5	46
75	Nanoparticle-mediated drug delivery for treating melanoma. Nanomedicine, 2015, 10, 2613-2633.	3.3	46
76	Repression of Hexokinases II-Mediated Glycolysis Contributes to Piperlongumine-Induced Tumor Suppression in Non-Small Cell Lung Cancer Cells. International Journal of Biological Sciences, 2019, 15, 826-837.	6.4	46
77	Metabolism of Vitamin D2 to 17,20,24-Trihydroxyvitamin D2 by Cytochrome P450scc (CYP11A1). Drug Metabolism and Disposition, 2009, 37, 761-767.	3.3	45
78	Anti-androgen-independent prostate cancer effects of ginsenoside metabolites In Vitro: Mechanism and possible structure-activity relationship investigation. Archives of Pharmacal Research, 2009, 32, 49-57.	6.3	45
79	Synthesis and photochemical transformation of 3Î²,21-dihydroxypregna-5,7-dien-20-one to novel secosteroids that show anti-melanoma activity. Steroids, 2011, 76, 193-203.	1.8	45
80	Cycloartane triterpenoids from Cimicifuga yunnanensis induce apoptosis of breast cancer cells (MCF7) via p53â€dependent mitochondrial signaling pathway. Phytotherapy Research, 2011, 25, 17-24.	5.8	45
81	Vitamin D and its analogs as anticancer and anti-inflammatory agents. European Journal of Medicinal Chemistry, 2020, 207, 112738.	5.5	45
82	Lentiviral CRISPR/Cas9 nickase vector mediated BIRC5 editing inhibits epithelial to mesenchymal transition in ovarian cancer cells. Oncotarget, 2017, 8, 94666-94680.	1.8	45
83	Current Advances of Tubulin Inhibitors in Nanoparticle Drug Delivery and Vascular Disruption/Angiogenesis. Molecules, 2016, 21, 1468.	3.8	44
84	Novel vitamin D analogs as potential therapeutics: metabolism, toxicity profiling, and antiproliferative activity. Anticancer Research, 2014, 34, 2153-63.	1.1	44
85	Characterization of Organic Molecules Attached to Gold Nanoparticle Surface Using High Resolution Magic Angle Spinning ¹H NMR. Journal of Physical Chemistry C, 2008, 112, 19360-19366.	3.1	43
86	Multidimensional HRMAS NMR: a platform for in vivo studies using intact bacterial cells. Analyst, The, 2006, 131, 777.	3.5	40
87	Substrate-dependent modulation of the catalytic activity of CYP3A by erlotinib. Acta Pharmacologica Sinica, 2011, 32, 399-407.	6.1	40
88	Rat CYP24A1 acts on 20-hydroxyvitamin D3 producing hydroxylated products with increased biological activity. Biochemical Pharmacology, 2012, 84, 1696-1704.	4.4	40
89	Hydroxylation of CYP11A1-Derived Products of Vitamin D3 Metabolism by Human and Mouse CYP27B1. Drug Metabolism and Disposition, 2013, 41, 1112-1124.	3.3	39
90	Structural Modification of the 3,4,5-Trimethoxyphenyl Moiety in the Tubulin Inhibitor VERU-111 Leads to Improved Antiproliferative Activities. Journal of Medicinal Chemistry, 2018, 61, 7877-7891.	6.4	39

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91	Role of hypoxia inducible factor-1 in cancer stem cells (Review). Molecular Medicine Reports, 2020, 23, 1-1.	2.4	39
92	Synthesis and photo-conversion of androsta- and pregna-5,7-dienes to vitamin D3-like derivatives. Photochemical and Photobiological Sciences, 2008, 7, 1570-1576.	2.9	38
93	Purified Mouse CYP27B1 Can Hydroxylate 20,23-Dihydroxyvitamin D₃, Producing 1Î±,20,23-Trihydroxyvitamin D₃, Which Has Altered Biological Activity. Drug Metabolism and Disposition, 2010, 38, 1553-1559.	3.3	38
94	Investigation of 20S-hydroxyvitamin D3 analogs and their 1Î±-OH derivatives as potent vitamin D receptor agonists with anti-inflammatory activities. Scientific Reports, 2018, 8, 1478.	3.3	38
95	Lumisterol is metabolized by CYP11A1: Discovery of a new pathway. International Journal of Biochemistry and Cell Biology, 2014, 55, 24-34.	2.8	37
96	Survivin Inhibitors Mitigate Chemotherapeutic Resistance in Breast Cancer Cells by Suppressing Genotoxic Nuclear Factor-Î²B Activation. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 184-193.	2.5	37
97	Structureâ€"Activity Relationship Study of Novel 6-Aryl-2-benzoyl-pyridines as Tubulin Polymerization Inhibitors with Potent Antiproliferative Properties. Journal of Medicinal Chemistry, 2020, 63, 827-846.	6.4	37
98	6Î²-Hydroxytestosterone, a Cytochrome P450 1B1 Metabolite of Testosterone, Contributes to Angiotensin IIâ€"Induced Hypertension and Its Pathogenesis in Male Mice. Hypertension, 2015, 65, 1279-1287.	2.7	36
99	Molecular interactions at the colchicine binding site in tubulin: An X-ray crystallography perspective. Drug Discovery Today, 2022, 27, 759-776.	6.4	36
100	Synthesis, in vitro structureâ€"activity relationship, and in vivo studies of 2-arylthiazolidine-4-carboxylic acid amides as anticancer agents. Bioorganic and Medicinal Chemistry, 2010, 18, 477-495.	3.0	35
101	Recent Advances in Elucidating Paclitaxel Resistance Mechanisms in Non-small Cell Lung Cancer and Strategies to Overcome Drug Resistance. Current Medicinal Chemistry, 2020, 27, 6573-6595.	2.4	35
102	Characterization of serotonin and Nâ€acetylserotonin systems in the human epidermis and skin cells. Journal of Pineal Research, 2020, 68, e12626.	7.4	34
103	Synthesis and testing of novel classical cannabinoids: exploring the side chain ligand binding pocket of the CB1 and CB2 receptors. Bioorganic and Medicinal Chemistry, 2003, 11, 3121-3132.	3.0	33
104	UDP-Glucuronosyltransferase 1A6 Is the Major Isozyme Responsible for Protocatechuic Aldehyde Glucuronidation in Human Liver Microsomes. Drug Metabolism and Disposition, 2008, 36, 1562-1569.	3.3	33
105	Maternal alcohol exposure during mid-pregnancy dilates fetal cerebral arteries via endocannabinoid receptors. Alcohol, 2017, 61, 51-61.	1.7	33
106	Design, Synthesis, and Biological Evaluation of Stable Colchicine-Binding Site Tubulin Inhibitors 6-Aryl-2-benzoyl-pyridines as Potential Anticancer Agents. Journal of Medicinal Chemistry, 2021, 64, 12049-12074.	6.4	33
107	Methods for Acquisition and Assignment of Multidimensional High-Resolution Magic Angle Spinning NMR of Whole Cell Bacteria. Analytical Chemistry, 2005, 77, 5785-5792.	6.5	32
108	Biological Activity of 4-Substituted Methoxybenzoyl- Aryl-Thiazole: An Active Microtubule Inhibitor. Cancer Research, 2011, 71, 216-224.	0.9	32

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109	The role of vitamin D in cancer prevention. Chinese Journal of Natural Medicines, 2015, 13, 481-497.	1.3	32
110	Ovarian Primary and Metastatic Tumors Suppressed by Survivin Knockout or a Novel Survivin Inhibitor. Molecular Cancer Therapeutics, 2019, 18, 2233-2245.	4.1	31
111	CYP11A1-derived vitamin D3 products protect against UVB-induced inflammation and promote keratinocytes differentiation. Free Radical Biology and Medicine, 2020, 155, 87-98.	2.9	31
112	EPR Investigation of Persistent Radicals Produced from the Photolysis of Dibenzyl Ketones Adsorbed on ZSM-5 Zeolites. Journal of Organic Chemistry, 2002, 67, 2606-2618.	3.2	30
113	The Inhibitory Effect of Intestinal Bacterial Metabolite of Ginsenosides on CYP3A Activity. Biological and Pharmaceutical Bulletin, 2004, 27, 1555-1560.	1.4	30
114	Synthesis, formulation and in vitro evaluation of a novel microtubule destabilizer, SMART-100. Journal of Controlled Release, 2010, 143, 151-158.	9.9	30
115	Pharmacokinetic Optimization of 4-Substituted Methoxybenzoyl-aryl-thiazole and 2-Aryl-4-benzoyl-imidazole for Improving Oral Bioavailability. Drug Metabolism and Disposition, 2011, 39, 1833-1839.	3.3	30
116	Human Cytochrome P450scc (CYP11A1) Catalyzes Epoxide Formation with Ergosterol. Drug Metabolism and Disposition, 2012, 40, 436-444.	3.3	30
117	Combined over-expression of the hypoxia-inducible factor 2Î± gene and its long non-coding RNA predicts unfavorable prognosis of patients with osteosarcoma. Pathology Research and Practice, 2016, 212, 861-866.	2.3	28
118	CYP27A1 acts on the pre-vitamin D3 photoproduct, lumisterol, producing biologically active hydroxy-metabolites. Journal of Steroid Biochemistry and Molecular Biology, 2018, 181, 1-10.	2.5	28
119	An Orally Available Tubulin Inhibitor, VERU-111, Suppresses Triple-Negative Breast Cancer Tumor Growth and Metastasis and Bypasses Taxane Resistance. Molecular Cancer Therapeutics, 2020, 19, 348-363.	4.1	28
120	Recent Advances on Small-Molecule Survivin Inhibitors. Current Medicinal Chemistry, 2015, 22, 1136-1146.	2.4	28
121	Taxane's Substituents at C3â€² Affect Its Regioselective Metabolism: Different in Vitro Metabolism of Cephalomannine and Paclitaxel. Drug Metabolism and Disposition, 2008, 36, 418-426.	3.3	27
122	Metabolic Profiling and Cytochrome P450 Reaction Phenotyping of Medroxyprogesterone Acetate. Drug Metabolism and Disposition, 2008, 36, 2292-2298.	3.3	27
123	Design, Synthesis, and Biological Action of 20R-Hydroxyvitamin D3. Journal of Medicinal Chemistry, 2012, 55, 3573-3577.	6.4	27
124	WX-132-18B, a novel microtubule inhibitor, exhibits promising anti-tumor effects. Oncotarget, 2017, 8, 71782-71796.	1.8	27
125	Reversible Oxygenation of a Diphenylmethyl Radical Rendered Supramolecularly Persistent. Journal of the American Chemical Society, 1999, 121, 7170-7171.	13.7	26
126	Photochemical and Magnetic Resonance Investigations of the Supramolecular Structure and Dynamics of Molecules and Reactive Radicals on the External and Internal Surface of MFI Zeolites. Journal of the American Chemical Society, 2000, 122, 11649-11659.	13.7	26

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127	Inhibitory effect of medroxyprogesterone acetate on human liver cytochrome P450 enzymes. European Journal of Clinical Pharmacology, 2006, 62, 497-502.	1.9	26
128	Synergistic Combination of Novel Tubulin Inhibitor ABI-274 and Vemurafenib Overcomes Vemurafenib Acquired Resistance in BRAFV600E Melanoma. Molecular Cancer Therapeutics, 2014, 13, 16-26.	4.1	26
129	N 1-Acetyl-5-Methoxykynuramine (AMK) Is Produced in the Human Epidermis and Shows Antiproliferative Effects. Endocrinology, 2015, 156, 1630-1636.	2.8	26
130	1Î±,20S-Dihydroxyvitamin D3 Interacts with Vitamin D Receptor: Crystal Structure and Route of Chemical Synthesis. Scientific Reports, 2017, 7, 10193.	3.3	26
131	High-resolution magic angle spinning nuclear magnetic resonance analysis of metabolic changes in melanoma cells after induction of melanogenesis. Analytical Biochemistry, 2009, 386, 282-284.	2.4	25
132	Discovery of Novel Second Mitochondria-Derived Activator of Caspase Mimetics as Selective Inhibitor of Apoptosis Protein Inhibitors. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 319-329.	2.5	25
133	Novel Silyl Ether-Based Acid-Cleavable Antibody-MMAE Conjugates with Appropriate Stability and Efficacy. Cancers, 2019, 11, 957.	3.7	25
134	Therapeutic efficacy of a novel Î²III/Î²IV-tubulin inhibitor (VERU-111) in pancreatic cancer. Journal of Experimental and Clinical Cancer Research, 2019, 38, 29.	8.6	25
135	Synthesis, biological evaluation, and structural studies on N1 and C5 substituted cycloalkyl analogues of the pyrazole class of CB1 and CB2 ligands. Bioorganic and Medicinal Chemistry, 2004, 12, 393-404.	3.0	24
136	Discovery of Antiglioma Activity of Biaryl 1,2,3,4-Tetrahydroisoquinoline Derivatives and Conformationally Flexible Analogues. Journal of Medicinal Chemistry, 2006, 49, 5845-5848.	6.4	24
137	Synthesis and pharmacological evaluation of the stereoisomers of 3-carba cyclic-phosphatidic acid. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7525-7528.	2.2	24
138	Design, Synthesis and Biological Evaluation of Novel 5H-Chromenopyridines as Potential Anti-Cancer Agents. Molecules, 2015, 20, 17152-17165.	3.8	24
139	Promotion of ubiquitination-dependent survivin destruction contributes to xanthohumol-mediated tumor suppression and overcomes radioresistance in human oral squamous cell carcinoma. Journal of Experimental and Clinical Cancer Research, 2020, 39, 88.	8.6	24
140	Colchicine Binding Site Agent DJ95 Overcomes Drug Resistance and Exhibits Antitumor Efficacy. Molecular Pharmacology, 2019, 96, 73-89.	2.3	23
141	Chemical Synthesis and Biological Activities of 20S,24S/R-Dihydroxyvitamin D3 Epimers and Their 1Î±-Hydroxyl Derivatives. Journal of Medicinal Chemistry, 2015, 58, 7881-7887.	6.4	22
142	A new steroidal 5,7-diene derivative, 3Î²-hydroxyandrosta-5,7-diene-17Î²-carboxylic acid, shows potent anti-proliferative activity. Steroids, 2010, 75, 230-239.	1.8	21
143	Design, Synthesis and Structure-Activity Relationship Studies of Novel Survivin Inhibitors with Potent Anti-Proliferative Properties. PLoS ONE, 2015, 10, e0129807.	2.5	21
144	Non-Musculoskeletal Benefits of Vitamin D beyond the Musculoskeletal System. International Journal of Molecular Sciences, 2021, 22, 2128.	4.1	21

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145	Structure-activity relationship studies of arylthiazolidine amides as selective cytotoxic agents for melanoma. Anticancer Research, 2007, 27, 883-8.	1.1	21
146	Orally available tubulin inhibitor VERU-111 enhances antitumor efficacy in paclitaxel-resistant lung cancer. Cancer Letters, 2020, 495, 76-88.	7.2	20
147	Orally Bioavailable Tubulin Antagonists for Paclitaxel-Refractory Cancer. Pharmaceutical Research, 2012, 29, 3053-3063.	3.5	19
148	Synthesis and Biological Evaluation of Vitamin D3 Metabolite 20S,23S-Dihydroxyvitamin D3 and Its 23R Epimer. Journal of Medicinal Chemistry, 2016, 59, 5102-5108.	6.4	19
149	Formulation and Characterization of Polyester/Polycarbonate Nanoparticles for Delivery of a Novel Microtubule Destabilizing Agent. Pharmaceutical Research, 2012, 29, 3064-3074.	3.5	18
150	Licochalcone A inhibits EGFR signalling and translationally suppresses survivin expression in human cancer cells. Journal of Cellular and Molecular Medicine, 2021, 25, 813-826.	3.6	18
151	20S-Hydroxyvitamin D3, a Secosteroid Produced in Humans, Is Anti-Inflammatory and Inhibits Murine Autoimmune Arthritis. Frontiers in Immunology, 2021, 12, 678487.	4.8	18
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