

Amar G Chittiboyina

List of Publications by Year in descending order

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157
papers

3,462
citations

201674

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4633
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#	ARTICLE	IF	CITATIONS
1	Assessment of Herb-Drug Interaction Potential of Five Common Species of Licorice and Their Phytochemical Constituents. <i>Journal of Dietary Supplements</i> , 2023, 20, 582-601.	2.6	8
2	Possible Herb-Drug Interaction Risk of Some Nutritional and Beauty Supplements on Antiretroviral Therapy in HIV Patients. <i>Journal of Dietary Supplements</i> , 2022, 19, 62-77.	2.6	3
3	Sarcoseolides A-D, four undescribed cembranoids from the Red Sea soft coral <i>Sarcophyton roseum</i> . <i>Natural Product Research</i> , 2022, 36, 1842-1850.	1.8	4
4	Licochalcone L, an undescribed retrochalcone from <i>Glycyrrhiza inflata</i> roots. <i>Natural Product Research</i> , 2022, 36, 200-206.	1.8	5
5	Phenoxychromone and 4-hydroxyisoflavans from the roots of <i>Glycyrrhiza uralensis</i> . <i>Natural Product Research</i> , 2022, 36, 3850-3857.	1.8	2
6	<i>Bulbine natalensis</i> (currently <i>Bulbine latifolia</i>) and select bulbine knipholones modulate the activity of AhR, CYP1A2, CYP2B6, and P-gp. <i>Planta Medica</i> , 2022, 88, 975-984.	1.3	7
7	Balancing the efficacy vs. the toxicity of promiscuous natural products: Paclitaxel-based acid-labile lipophilic prodrugs as promising chemotherapeutics. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113891.	5.5	4
8	Development of potential anticancer agents and apoptotic inducers based on 4-aryl-4H chromene scaffold: Design, synthesis, biological evaluation and insight on their proliferation inhibition mechanism. <i>Bioorganic Chemistry</i> , 2022, 118, 105475.	4.1	4
9	Comparative analysis of five <i>Salvia</i> species using LC-DAD-QToF. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 209, 114520.	2.8	11
10	The Convergence of HPC, AI and Big Data in Rapid-Response to the COVID-19 Pandemic. <i>Communications in Computer and Information Science</i> , 2022, , 157-172.	0.5	2
11	Probing PXR activation and modulation of CYP3A4 by <i>Tinospora crispa</i> and <i>Tinospora sinensis</i> . <i>Journal of Ethnopharmacology</i> , 2022, 291, 115159.	4.1	3
12	Litoarbolide A: an undescribed sesquiterpenoid from the Red Sea soft coral <i>Litophyton arboreum</i> with an <i>in vitro</i> anti-malarial activity evaluation. <i>Natural Product Research</i> , 2022, , 1-9.	1.8	1
13	Chemical Fingerprinting Profile and Targeted Quantitative Analysis of Phenolic Compounds from Rooibos Tea (<i>Aspalathus linearis</i>) and Dietary Supplements Using UHPLC-PDA-MS. <i>Separations</i> , 2022, 9, 159.	2.4	6
14	Are atranols the only skin sensitizers in oakmoss? A systematic investigation using non-animal methods. <i>Toxicology in Vitro</i> , 2021, 70, 105053.	2.4	3
15	Modulation of CYP3A4 and CYP2C9 activity by <i>Bulbine natalensis</i> and its constituents: An assessment of HDI risk of <i>B. natalensis</i> containing supplements. <i>Phytomedicine</i> , 2021, 81, 153416.	5.3	13
16	Epigenetic and Posttranscriptional Modulation of SOS1 Can Promote Breast Cancer Metastasis through Obesity-Activated c-Met Signaling in African-American Women. <i>Cancer Research</i> , 2021, 81, 3008-3021.	0.9	11
17	An update on plant toxins posing human health risks. , 2021, , 479-491.		1
18	New Benzoxazole Derivatives as Antiprotozoal Agents: In Silico Studies, Synthesis, and Biological Evaluation. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	6

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19	Synthetic Approaches for Building Tricyclic Cage-like Motifs Found in Indoxamycins. <i>Current Organic Chemistry</i> , 2021, 25, 437-448.	1.6	0
20	A Comprehensive Workflow for the Analysis of Bio-Macromolecular Supplements: Case Study of 20 Whey Protein Products. <i>Journal of Dietary Supplements</i> , 2021, , 1-19.	2.6	2
21	Quantitative determination and characterization of polyphenols from <i>Cissus quadrangularis</i> L. and dietary supplements using UHPLC-PDA-MS, LC-QToF and HPTLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114036.	2.8	13
22	Benzoylcyclopropane Derivatives from <i>Hypoxis hemerocallidea</i> Corms. <i>Planta Medica</i> , 2021, , .	1.3	2
23	Deciphering the molecular basis of the kappa opioid receptor selectivity: A Molecular Dynamics study. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 106, 107940.	2.4	15
24	Novel Machaeriol Analogues as Modulators of Cannabinoid Receptors: Structure–Activity Relationships of (+)-Hexahydrocannabinoids and Their Isoform Selectivities. <i>ACS Omega</i> , 2021, 6, 20408-20421.	3.5	2
25	Eupatorin 3- <i>O</i> -glucopyranoside, a trimethoxyflavonoid glucoside from the aerial parts of <i>Salvia mellifera</i> . <i>Natural Product Research</i> , 2021, , 1-8.	1.8	4
26	Forrestiacids A and B, Pentaterpene Inhibitors of ACL and Lipogenesis: Extending the Limits of Computational NMR Methods in the Structure Assignment of Complex Natural Products. <i>Angewandte Chemie</i> , 2021, 133, 22444-22449.	2.0	0
27	Forrestiacids A and B, Pentaterpene Inhibitors of ACL and Lipogenesis: Extending the Limits of Computational NMR Methods in the Structure Assignment of Complex Natural Products. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22270-22275.	13.8	24
28	Integrated Testing Strategy for the Safety of Botanical Ingredients: A Case Study with German Chamomile Constituents. <i>Applied in Vitro Toxicology</i> , 2021, 7, 129-143.	1.1	0
29	The Low Copy Nuclear Gene Region, Granule Bound Starch Synthase (GBSS1), as a Novel Mini-DNA Barcode for the Identification of Different Sage (<i>Salvia</i>) Species. <i>Planta Medica</i> , 2021, , .	1.3	1
30	Solvents effect on dansyl cysteamine depletion and reactivity classification of skin sensitizers: Tackling the challenges using binary solvent systems. <i>Journal of Pharmacological and Toxicological Methods</i> , 2021, 112, 107116.	0.7	0
31	Phytochemical investigation of <i>Mimosa pigra</i> leaves, a sensitive species. <i>Biochemical Systematics and Ecology</i> , 2021, 99, 104354.	1.3	2
32	Profiling and Quantification of the Key Phytochemicals from the Drumstick Tree (<i>Moringa oleifera</i>) and Dietary Supplements by UHPLC-PDA-MS. <i>Planta Medica</i> , 2021, 87, 417-427.	1.3	4
33	In search for potential antidiabetic compounds from natural sources: docking, synthesis and biological screening of small molecules from <i>Lycium</i> spp. (<i>Goji</i>). <i>Heliyon</i> , 2020, 6, e02782.	3.2	6
34	Potential Modulation of Human NAD[P]H-Quinone Oxidoreductase 1 (NQO1) by EGCG and Its Metabolites: A Systematic Computational Study. <i>Chemical Research in Toxicology</i> , 2020, 33, 2749-2764.	3.3	6
35	Synthesis of benzonaphthofuroquinones and benzoylnaphthindolizinediones by reactions of flavonoids with dichlorone under basic, oxygenous and aqueous conditions: their cytotoxic and apoptotic activities. <i>RSC Advances</i> , 2020, 10, 28644-28652.	3.6	0
36	Newly Generated Atractylon Derivatives in Processed Rhizomes of <i>Atractylodes macrocephala</i> Koidz. <i>Molecules</i> , 2020, 25, 5904.	3.8	8

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37	Oleanane-type triterpenoid glucuronosides from <i>Glycyrrhiza echinata</i> L. root. <i>Biochemical Systematics and Ecology</i> , 2020, 92, 104088.	1.3	2
38	Is Isoeugenol a Prehapten? Characterization of a Thiol-Reactive Oxidative Byproduct of Isoeugenol and Potential Implications for Skin Sensitization. <i>Chemical Research in Toxicology</i> , 2020, 33, 948-954.	3.3	7
39	Tridiscorhabdin and Didiscorhabdin, the First Discorhabdin Oligomers Linked with a Direct C-N Bridge from the Sponge <i>Latrunculia biformis</i> Collected from the Deep Sea in Antarctica. <i>Journal of Natural Products</i> , 2020, 83, 706-713.	3.0	17
40	Chromatographic analyses and unambiguous identification of atranol-like secondary metabolites in oakmoss absolute. <i>Flavour and Fragrance Journal</i> , 2020, 35, 459-468.	2.6	1
41	Design, synthesis and biological evaluation of novel naturally-inspired multifunctional molecules for the management of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2020, 198, 112257.	5.5	39
42	Undescribed phenylpropanoid and a dimeric sesquiterpenoid possessing a rare cyclobutane ring from <i>Tinospora sinensis</i> . <i>Natural Product Research</i> , 2020, 35, 1-8.	1.8	2
43	Characterization, Quantification and Quality Assessment of Avocado (<i>Persea americana</i> Mill.) Oils. <i>Molecules</i> , 2020, 25, 1453.	3.8	23
44	Crystal structure of 4-hydroxynaphtho[2,3-b]benzofuran-6,11-dione, C ₁₆ H ₈ O ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020, 235, 565-567.	0.3	1
45	Deep Learning Predicts Protein-Ligand Interactions. , 2020, , .		1
46	Isolation, synthesis, and drug interaction potential of secondary metabolites derived from the leaves of miracle tree (<i>Moringa oleifera</i>) against CYP3A4 and CYP2D6 isozymes. <i>Phytomedicine</i> , 2019, 60, 153010.	5.3	15
47	Anthraquinone-Based Specialized Metabolites from Rhizomes of <i>Bulbine natalensis</i> . <i>Journal of Natural Products</i> , 2019, 82, 1893-1901.	3.0	9
48	Identification of a new small molecule chemotype of Melanin Concentrating Hormone Receptor-1 antagonists using pharmacophore-based virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126741.	2.2	3
49	Effect of African Potato (<i>Hypoxis hemerocallidea</i>) Extract and Its Constituents on PXR and CYP450 Enzymes. <i>Applied in Vitro Toxicology</i> , 2019, 5, 26-33.	1.1	1
50	Identification of Potential Skin Sensitizers in Myrrh. <i>Cosmetics</i> , 2019, 6, 47.	3.3	5
51	Liquid chromatography-quadrupole time of flight mass spectrometric method for targeted analysis of 111 nitrogen-based compounds in weight loss and ergogenic supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 305-323.	2.8	13
52	Toxicity of <i>Kadsura coccinea</i> (Lem.) A. C. Sm. Essential Oil to the Bed Bug, <i>Cimex lectularius</i> L. (Hemiptera: Cimicidae). <i>Insects</i> , 2019, 10, 162.	2.2	8
53	Overview of Analytical Tools for the Identification of Adulterants in Commonly Traded Herbs and Spices. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 376-385.	1.5	51
54	Sceletorines A and B, two minor novel dimeric alkaloids of <i>Mesembryanthemum tortuosum</i> (synonym) <i>Tj ETQq0 0 Q rgBT /Overlock 10 T</i>	1.2	5

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55	Safety Assessment of Phytochemicals Derived from the Globalized South African Rooibos Tea (<i>Aspalathus linearis</i>) through Interaction with CYP, PXR, and P-gp. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4967-4975.	5.2	32
56	ID2 and GJB2 promote early-stage breast cancer progression by regulating cancer stemness. <i>Breast Cancer Research and Treatment</i> , 2019, 175, 77-90.	2.5	33
57	The power of hyphenated chromatography–Time of flight mass spectrometry for unequivocal identification of spirostanes in bodybuilding dietary supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 167, 74-82.	2.8	11
58	Pharmacokinetics and Tissue Distribution of Aegeline after Oral Administration in Mice. <i>Planta Medica</i> , 2019, 85, 491-495.	1.3	3
59	Crystal structure of 12-(2-hydroxybenzoyl)benzo[<i>f</i>]pyrido[1,2- <i>a</i>]indole-6,11-dione, C ₂₃ H ₁₃ NO ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 235, 105-107.	0.3	1
60	Piper nigrum Oil – Determination of Selected Terpenes for Quality Evaluation. <i>Planta Medica</i> , 2019, 85, 185-194.	1.3	13
61	Isoquinoline alkaloids from <i>Asimina triloba</i> . <i>Natural Product Research</i> , 2019, 33, 2823-2829.	1.8	6
62	In chemico assessment of potential sensitizers: Stability and direct peptide reactivity of 24 fragrance ingredients. <i>Journal of Applied Toxicology</i> , 2019, 39, 398-408.	2.8	6
63	Utility of alkaloids as chemical and biomarkers for quality, efficacy, and safety assessment of botanical ingredients. <i>Phytomedicine</i> , 2019, 54, 347-356.	5.3	13
64	Isolation, Synthesis and Medicinal Significance of Marine Pyrdoacridine Alkaloids. <i>Current Organic Chemistry</i> , 2019, 23, 1469-1495.	1.6	3
65	A chiral pool approach for asymmetric syntheses of both antipodes of equol and sativan. <i>Tetrahedron</i> , 2018, 74, 2020-2029.	1.9	8
66	1,5-Dimethylhexylamine (octodrine) in sports and weight loss supplements: Natural constituent or synthetic chemical?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 152, 298-305.	2.8	3
67	One-step, stereoselective synthesis of octahydrochromanes via the Prins reaction and their cannabinoid activities. <i>Tetrahedron Letters</i> , 2018, 59, 807-810.	1.4	19
68	In chemico skin sensitization risk assessment of botanical ingredients. <i>Journal of Applied Toxicology</i> , 2018, 38, 1047-1053.	2.8	11
69	In-source collision-induced dissociation (ISCID): Applications, issues and structure elucidation with single-stage mass analyzers. <i>Drug Testing and Analysis</i> , 2018, 10, 28-36.	2.6	30
70	Chemical stability and in chemico reactivity of 24 fragrance ingredients of concern for skin sensitization risk assessment. <i>Toxicology in Vitro</i> , 2018, 46, 237-245.	2.4	15
71	Impact of obesity on the toxicity of a multi-ingredient dietary supplement, OxyELITE Pro, (New) Tj ETQq1 1 0.784314 rgBT /Overlook <i>Food and Chemical Toxicology</i> , 2018, 122, 21-32.	3.6	6
72	Isoform selectivity of harmine-conjugated 1,2,3-triazoles against human monoamine oxidase. <i>Future Medicinal Chemistry</i> , 2018, 10, 1435-1448.	2.3	12

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73	A pharmacokinetic comparison of homodimer ARB-92 and heterodimer ARB-89: novel, potent antimalarial candidates derived from 7 ^β -hydroxyartemisinin. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 585-593.	5.3	6
74	Hepatoprotective Effect of Steroidal Glycosides From <i>Dioscorea villosa</i> on Hydrogen Peroxide-Induced Hepatotoxicity in HepG2 Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 797.	3.5	19
75	Effective Synthetic Strategies for the Construction of Isoquinoline Scaffold Found in Biologically Active Natural Products. <i>Current Organic Chemistry</i> , 2018, 22, 148-164.	1.6	19
76	Identification of a compound isolated from German chamomile (<i>Matricaria chamomilla</i>) with dermal sensitization potential. <i>Toxicology and Applied Pharmacology</i> , 2017, 318, 16-22.	2.8	28
77	Design, Synthesis, and Biological Evaluation of Peptidomimetic <i>N</i> -Substituted Cbz- ϵ -Hyp- ϵ -Amides as Novel Inhibitors of <i>Plasmodium falciparum</i> . <i>Chemistry and Biodiversity</i> , 2017, 14, e1700037.	2.1	0
78	Proteome-Specific Protein Binding of Small Molecules in Complex Matrices. <i>ACS Chemical Biology</i> , 2017, 12, 389-397.	3.4	3
79	Selective kappa opioid antagonists for treatment of addiction, are we there yet?. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 632-647.	5.5	30
80	Utilizing Ayurvedic literature for the identification of novel phytochemical inhibitors of botulinum neurotoxin A. <i>Journal of Ethnopharmacology</i> , 2017, 197, 211-217.	4.1	2
81	Cycloperettine, A New Amide from <i>Piper nigrum</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	1
82	Cytoprotective Role of Dietary Phytochemicals Against Cancer Development via Induction of Phase II and Antioxidant Enzymes. <i>Advances in Molecular Toxicology</i> , 2016, , 99-137.	0.4	9
83	Simultaneous Determination of Aegeline and Six Coumarins from Different Parts of the Plant <i>Aegle marmelos</i> Using UHPLC-PDA-MS and Chiral Separation of Aegeline Enantiomers Using HPLC-ToF-MS. <i>Planta Medica</i> , 2016, 82, 580-588.	1.3	15
84	Identification and quantification of vinpocetine and picamilon in dietary supplements sold in the United States. <i>Drug Testing and Analysis</i> , 2016, 8, 334-343.	2.6	29
85	What Happens after Activation of Ascaridole? Reactive Compounds and Their Implications for Skin Sensitization. <i>Chemical Research in Toxicology</i> , 2016, 29, 1488-1492.	3.3	10
86	Concurrent supercritical fluid chromatographic analysis of terpene lactones and ginkgolic acids in <i>Ginkgo biloba</i> extracts and dietary supplements. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4649-4660.	3.7	18
87	<i>In Chemico</i> Evaluation of Tea Tree Essential Oils as Skin Sensitizers: Impact of the Chemical Composition on Aging and Generation of Reactive Species. <i>Chemical Research in Toxicology</i> , 2016, 29, 1108-1117.	3.3	24
88	Licorice root components in dietary supplements are selective estrogen receptor modulators with a spectrum of estrogenic and anti-estrogenic activities. <i>Steroids</i> , 2016, 105, 42-49.	1.8	48
89	Inhibition of CYP3A4 and CYP1A2 by <i>Aegle marmelos</i> and its constituents. <i>Xenobiotica</i> , 2016, 46, 117-125.	1.1	16
90	Stereoselective Syntheses Of Phytoestrogenic Isofavans. <i>Planta Medica</i> , 2016, 82, .	1.3	0

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91	Synthetic Studies Towards (-) Mesembrine. <i>Planta Medica</i> , 2016, 82, .	1.3	0
92	Studies on Pharmacokinetic Drug Interaction Potential of Vinpocetine. <i>Medicines (Basel, Switzerland)</i> , 2015, 2, 93-105.	1.4	9
93	A fluorescence high throughput screening method for the detection of reactive electrophiles as potential skin sensitizers. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 177-184.	2.8	31
94	Cytotoxic Activity of Rearranged Drimane Meroterpenoids against Colon Cancer Cells via Down-Regulation of β -Catenin Expression. <i>Journal of Natural Products</i> , 2015, 78, 453-461.	3.0	38
95	Identification and quantification of 1,3-dimethylbutylamine (DMBA) from <i>Camellia sinensis</i> tea leaves and dietary supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 115, 159-168.	2.8	12
96	Quality Evaluation of Terpinen-4-ol-Type Australian Tea Tree Oils and Commercial Products: An Integrated Approach Using Conventional and Chiral GC/MS Combined with Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2674-2682.	5.2	26
97	Alternative Testing Methods for Skin Sensitization: NMR Spectroscopy for Probing the Reactivity and Classification of Potential Skin Sensitizers. <i>Chemical Research in Toxicology</i> , 2015, 28, 1704-1714.	3.3	26
98	Investigating sesquiterpene biosynthesis in <i>Ginkgo biloba</i> : molecular cloning and functional characterization of (E,E)-farnesol and β -bisabolene synthases. <i>Plant Molecular Biology</i> , 2015, 89, 451-462.	3.9	18
99	Methylhexanamine is not detectable in <i>Pelargonium</i> or <i>Geranium</i> species and their essential oils: A multi-centre investigation. <i>Drug Testing and Analysis</i> , 2015, 7, 645-654.	2.6	15
100	High-Resolution Gas Chromatography/Mass Spectrometry Method for Characterization and Quantitative Analysis of Ginkgolic Acids in <i>Ginkgo biloba</i> Plants, Extracts, and Dietary Supplements. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12103-12111.	5.2	19
101	The first cyclomegastigmane rhododendroside A from <i>Rhododendron brachycarpum</i> alleviates HMGB1-induced sepsis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2042-2049.	2.4	21
102	Synthesis, biological evaluation, hydration site thermodynamics, and chemical reactivity analysis of β -keto substituted peptidomimetics for the inhibition of <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1274-1279.	2.2	16
103	The effects of dietary treatment with S-equol on learning and memory processes in middle-aged ovariectomized rats. <i>Neurotoxicology and Teratology</i> , 2014, 41, 80-88.	2.4	16
104	Asymmetric Synthesis of Crispine A: Constructing Tetrahydroisoquinoline Scaffolds Using Pummerer Cyclizations. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6355-6360.	2.4	18
105	Synthesis of Pterostilbene by Julia Olefination. <i>Synthetic Communications</i> , 2013, 43, 3217-3223.	2.1	7
106	Bioactivity-Guided Investigation of Geranium Essential Oils as Natural Tick Repellents. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4101-4107.	5.2	46
107	Directed Hydrogenation of Acyclic Homoallylic Alcohols: Enantioselective Syntheses of (+)- and (β -)-Laurenditerpenol. <i>Journal of Organic Chemistry</i> , 2013, 78, 9223-9232.	3.2	7
108	Hydroxylated Bisabolol Oxides: Evidence for Secondary Oxidative Metabolism in <i>Matricaria chamomilla</i> . <i>Journal of Natural Products</i> , 2013, 76, 1848-1853.	3.0	20

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109	Plant Toxins. , 2013, , 435-451.		7
110	Configurational assignments of conformationally restricted bis-monoterpene hydroquinones: Utility in exploration of endangered plants. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4229-4234.	2.4	5
111	Functional Identification of Valerena-1,10-diene Synthase, a Terpene Synthase Catalyzing a Unique Chemical Cascade in the Biosynthesis of Biologically Active Sesquiterpenes in <i>Valeriana officinalis</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 3163-3173.	3.4	39
112	Mechanisms enforcing the estrogen receptor $\hat{1}^2$ selectivity of botanical estrogens. <i>FASEB Journal</i> , 2013, 27, 4406-4418.	0.5	92
113	Enantioselective Synthesis of (-)-Laurenditerpenol. <i>Planta Medica</i> , 2013, 79, .	1.3	0
114	Concise, Stereoselective Syntheses of (+)- and (-)-Crispine A. <i>Planta Medica</i> , 2013, 79, .	1.3	0
115	Pelargonium Oil and Methyl Hexaneamine (MHA): Analytical Approaches Supporting the Absence of MHA in Authenticated <i>Pelargonium graveolens</i> Plant Material and Oil. <i>Journal of Analytical Toxicology</i> , 2012, 36, 457-471.	2.8	23
116	Determination of antimalarial compound, ARB-89 (7 $\hat{1}^2$ -hydroxy-artemisinin carbamate) in rat serum by UPLC/MS/MS and its application in pharmacokinetics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 889-890, 123-129.	2.3	7
117	Short Synthesis of Olivetolic Acid via Directed ortho-Metalation (DoM). <i>Planta Medica</i> , 2012, 78, .	1.3	1
118	Synthetic Studies Towards Caulophyllumine and its Derivatives. <i>Planta Medica</i> , 2012, 78, .	1.3	0
119	Synthesis of Pterostilbene by Julia-olefination. <i>Planta Medica</i> , 2012, 78, .	1.3	0
120	Sterioselective Synthesis of S(-) Equol. <i>Planta Medica</i> , 2012, 78, .	1.3	0
121	New Insights into the Binding Mode of Melanin Concentrating Hormone Receptor-1 Antagonists: Homology Modeling and Explicit Membrane Molecular Dynamics Simulation Study. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 635-646.	5.4	10
122	Physicochemical Characterization of Berberine Chloride: A Perspective in the Development of a Solution Dosage Form for Oral Delivery. <i>AAPS PharmSciTech</i> , 2010, 11, 1466-1475.	3.3	169
123	Design, Synthesis, and Docking Studies of Novel Benzimidazoles for the Treatment of Metabolic Syndrome. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 1076-1085.	6.4	33
124	Asymmetric Total Synthesis of the Caspase-1 Inhibitor (\hat{a} ²)-Berkeleyamide A. <i>Journal of Organic Chemistry</i> , 2010, 75, 3113-3116.	3.2	13
125	Design, Synthesis, and Development of Novel Guaianolide-Endoperoxides as Potential Antimalarial Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7864-7868.	6.4	29
126	A new $\hat{1}^2$ -lapachone derivative from <i>Distictella elongata</i> (Vahl) Urb.. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 383-386.	0.6	5

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127	Determination of a novel epothilone D analog (AVâ€EPOâ€106) in human plasma using ultraâ€performance liquid chromatographyâ€tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2009, 23, 302-307.	1.7	2
128	Design, synthesis, and docking studies of novel telmisartanâ€glitazone hybrid analogs for the treatment of metabolic syndrome. <i>Medicinal Chemistry Research</i> , 2009, 18, 589-610.	2.4	9
129	Design, synthesis, and docking studies of telmisartan analogs for the treatment of metabolic syndrome. <i>Medicinal Chemistry Research</i> , 2009, 18, 611-628.	2.4	11
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