Amar G Chittiboyina

List of Publications by Year
in descending order

157 papers	3,462 citations	201674 27 h-index	161849 54 g-index
167 all docs	167 docs citations	167 times ranked	4633 citing authors

#	Article	IF	Citations
1	Identification of Telmisartan as a Unique Angiotensin II Receptor Antagonist With Selective PPARÎ³â€“Modulating Activity. Hypertension, 2004, 43, 993-1002.	2.7	1,009
2	Physicochemical Characterization of Berberine Chloride: A Perspective in the Development of a Solution Dosage Form for Oral Delivery. AAPS PharmSciTech, 2010, 11, 1466-1475.	3.3	169
3	Type 2 Diabetes and Oral Antihyperglycemic Drugs. Current Medicinal Chemistry, 2008, 15, 61-74.	2.4	117
4	Optical Absorption Study of the Biotinâ”Avidin Interaction on Colloidal Silver and Gold Particles. Langmuir, 1998, 14, 4138-4142.	3.5	95
5	Mechanisms enforcing the estrogen receptor Î² selectivity of botanical estrogens. FASEB Journal, 2013, 27, 4406-4418.	0.5	92
6	The Epothilones and Related Analogues-A Review of Their Syntheses and Anti-Cancer Activities. Current Pharmaceutical Design, 2005, 11, 1615-1653.	1.9	64
7	Inhibition of corneal neovascularization by a peroxisome proliferator-activated receptor-Î³ ligand. Experimental Eye Research, 2005, 80, 435-442.	2.6	57
8	Rosiglitazone Inhibits Proliferation, Motility, and Matrix Metalloproteinase Production in Keratinocytes. Journal of Investigative Dermatology, 2004, 122, 130-139.	0.7	54
9	Design, Synthesis, and Biological Evaluation of Plasmodium falciparum Lactate Dehydrogenase Inhibitors. Journal of Medicinal Chemistry, 2007, 50, 3841-3850.	6.4	54
10	Overview of Analytical Tools for the Identification of Adulterants in Commonly Traded Herbs and Spices. Journal of AOAC INTERNATIONAL, 2019, 102, 376-385.	1.5	51
11	Licorice root components in dietary supplements are selective estrogen receptor modulators with a spectrum of estrogenic and anti-estrogenic activities. Steroids, 2016, 105, 42-49.	1.8	48
12	Design and Synthesis of the First Generation of Dithiolane Thiazolidinedione- and Phenylacetic Acid-Based PPARÎ³ Agonists. Journal of Medicinal Chemistry, 2006, 49, 4072-4084.	6.4	47
13	Bioactivity-Guided Investigation of Geranium Essential Oils as Natural Tick Repellents. Journal of Agricultural and Food Chemistry, 2013, 61, 4101-4107.	5.2	46
14	Functional Identification of Valerena-1,10-diene Synthase, a Terpene Synthase Catalyzing a Unique Chemical Cascade in the Biosynthesis of Biologically Active Sesquiterpenes in Valeriana officinalis. Journal of Biological Chemistry, 2013, 288, 3163-3173.	3.4	39
15	Design, synthesis and biological evaluation of novel naturally-inspired multifunctional molecules for the management of Alzheimerâ€™s disease. European Journal of Medicinal Chemistry, 2020, 198, 112257.	5.5	39
16	Recent Developments in the Syntheses of the Epothilones and Related Analogues. European Journal of Organic Chemistry, 2006, 2006, 4071-4084.	2.4	38
17	Cytotoxic Activity of Rearranged Drimane Meroterpenoids against Colon Cancer Cells via Down-Regulation of Î²-Catenin Expression. Journal of Natural Products, 2015, 78, 453-461.	3.0	38
18	Design, Synthesis, and Docking Studies of Novel Benzimidazoles for the Treatment of Metabolic Syndrome. Journal of Medicinal Chemistry, 2010, 53, 1076-1085.	6.4	33

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19	ID2 and GJB2 promote early-stage breast cancer progression by regulating cancer stemness. Breast Cancer Research and Treatment, 2019, 175, 77-90.	2.5	33
20	Safety Assessment of Phytochemicals Derived from the Globalized South African Rooibos Tea (Aspalathus linearis) through Interaction with CYP, PXR, and P-gp. Journal of Agricultural and Food Chemistry, 2019, 67, 4967-4975.	5.2	32
21	?-Lipoic acid-based PPAR? agonists for treating inflammatory skin diseases. Archives of Dermatological Research, 2004, 296, 97-104.	1.9	31
22	A fluorescence high throughput screening method for the detection of reactive electrophiles as potential skin sensitizers. Toxicology and Applied Pharmacology, 2015, 289, 177-184.	2.8	31
23	First synthesis of antimalarial Machaeriols A and B. Tetrahedron Letters, 2004, 45, 1689-1691.	1.4	30
24	Selective kappa opioid antagonists for treatment of addiction, are we there yet?. European Journal of Medicinal Chemistry, 2017, 141, 632-647.	5.5	30
25	Inâ€source collisionâ€induced dissociation (ISâ€CID): Applications, issues and structure elucidation with singleâ€stage mass analyzers. Drug Testing and Analysis, 2018, 10, 28-36.	2.6	30
26	Design, Synthesis, and Development of Novel Guaianolide-Endoperoxides as Potential Antimalarial Agents. Journal of Medicinal Chemistry, 2010, 53, 7864-7868.	6.4	29
27	Identification and quantification of vinpocetine and picamilon in dietary supplements sold in the United States. Drug Testing and Analysis, 2016, 8, 334-343.	2.6	29
28	Identification of a compound isolated from German chamomile (Matricaria chamomilla) with dermal sensitization potential. Toxicology and Applied Pharmacology, 2017, 318, 16-22.	2.8	28
29	Total Synthesis and Absolute Configuration of Laurenditerpenol: A Hypoxia Inducible Factor-1 Activation Inhibitor. Journal of Medicinal Chemistry, 2007, 50, 6299-6302.	6.4	27
30	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. Journal of Agricultural and Food Chemistry, 2015, 63, 2674-2682.	5.2	26
31	Alternative Testing Methods for Skin Sensitization: NMR Spectroscopy for Probing the Reactivity and Classification of Potential Skin Sensitizers. Chemical Research in Toxicology, 2015, 28, 1704-1714.	3.3	26
32	Diastereoselective Amidoalkylation of (3S,7aR)-6-Benzyl-7-hydroxy-3-phenyltetra-hydro-5H-imidazo[1,5-c][1,3]thiazol-5-one :â€‰ A Short and Highly Efficient Synthesis of (+)-Biotin. Journal of Organic Chemistry, 2005, 70, 1901-1903.	3.2	25
33	In Chemico Evaluation of Tea Tree Essential Oils as Skin Sensitizers: Impact of the Chemical Composition on Aging and Generation of Reactive Species. Chemical Research in Toxicology, 2016, 29, 1108-1117.	3.3	24
34	Forrestiacidsâ€...A andâ€...B, Pentaterpene Inhibitors of ACL and Lipogenesis: Extending the Limits of Computational NMR Methods in the Structure Assignment of Complex Natural Products. Angewandte Chemie - International Edition, 2021, 60, 22270-22275.	13.8	24
35	Pelargonium Oil and Methyl Hexaneamine (MHA): Analytical Approaches Supporting the Absence of MHA in Authenticated Pelargonium graveolens Plant Material and Oil. Journal of Analytical Toxicology, 2012, 36, 457-471.	2.8	23
36	Characterization, Quantification and Quality Assessment of Avocado (Persea americana Mill.) Oils. Molecules, 2020, 25, 1453.	3.8	23

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37	The first cyclomegastigmane rhododendroside A from Rhododendron brachycarpum alleviates HMGB1-induced sepsis. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2042-2049.	2.4	21
38	Hydroxylated Bisabolol Oxides: Evidence for Secondary Oxidative Metabolism in Matricaria chamomilla. Journal of Natural Products, 2013, 76, 1848-1853.	3.0	20
39	High-Resolution Gas Chromatography/Mass Spectrometry Method for Characterization and Quantitative Analysis of Ginkgolic Acids in Ginkgo biloba Plants, Extracts, and Dietary Supplements. Journal of Agricultural and Food Chemistry, 2014, 62, 12103-12111.	5.2	19
40	One-step, stereoselective synthesis of octahydrochromanes via the Prins reaction and their cannabinoid activities. Tetrahedron Letters, 2018, 59, 807-810.	1.4	19
41	Hepatoprotective Effect of Steroidal Glycosides From Dioscorea villosa on Hydrogen Peroxide-Induced Hepatotoxicity in HepG2 Cells. Frontiers in Pharmacology, 2018, 9, 797.	3.5	19
42	Effective Synthetic Strategies for the Construction of Isoquinoline Scaffold Found in Biologically Active Natural Products. Current Organic Chemistry, 2018, 22, 148-164.	1.6	19
43	Biotinylation of colloidal gold particles using interdigitated bilayers: a UVâ€“visible spectroscopy and TEM study of the biotinâ€“avidin molecular recognition process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 205, 15-20.	4.7	18
44	Addition of lithioimidazoles to isocyanates followed by Pd-coupling: access to 4-substituted imidazole-2,5-dicarboxamides. Tetrahedron Letters, 2004, 45, 1869-1872.	1.4	18
45	1,3-Diaxially Substituted trans-Decalins: Potential Nonsteroidal Human Progesterone Receptor Inhibitors. Journal of Organic Chemistry, 2008, 73, 7764-7767.	3.2	18
46	Asymmetric Synthesis of Crispine A: Constructing Tetrahydroisoquinoline Scaffolds Using Pummerer Cyclizations. European Journal of Organic Chemistry, 2013, 2013, 6355-6360.	2.4	18
47	Investigating sesquiterpene biosynthesis in Ginkgo biloba: molecular cloning and functional characterization of (E,E)-farnesol and Î±-bisabolene synthases. Plant Molecular Biology, 2015, 89, 451-462.	3.9	18
48	Concurrent supercritical fluid chromatographic analysis of terpene lactones and ginkgolic acids in Ginkgo biloba extracts and dietary supplements. Analytical and Bioanalytical Chemistry, 2016, 408, 4649-4660.	3.7	18
49	Tridiscorhabdin and Didiscorhabdin, the First Discorhabdin Oligomers Linked with a Direct Câ€“N Bridge from the Sponge Latrunculia biformis Collected from the Deep Sea in Antarctica. Journal of Natural Products, 2020, 83, 706-713.	3.0	17
50	An unusual stereochemical outcome of radical cyclization: synthesis of (+)-biotin. Tetrahedron, 2005, 61, 9273-9280.	1.9	16
51	Synthesis, biological evaluation, hydration site thermodynamics, and chemical reactivity analysis of Î±-keto substituted peptidomimetics for the inhibition of Plasmodium falciparum. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1274-1279.	2.2	16
52	The effects of dietary treatment with S-equol on learning and memory processes in middle-aged ovariectomized rats. Neurotoxicology and Teratology, 2014, 41, 80-88.	2.4	16
53	Inhibition of CYP3A4 and CYP1A2 byAegle marmelosand its constituents. Xenobiotica, 2016, 46, 117-125.	1.1	16
54	Methylhexanamine is not detectable in Pelargonium or Geranium species and their essential oils: A multiâ€centre investigation. Drug Testing and Analysis, 2015, 7, 645-654.	2.6	15

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55	Simultaneous Determination of Aegeline and Six Coumarins from Different Parts of the Plant Aegle marmelos Using UHPLC-PDA-MS and Chiral Separation of Aegeline Enantiomers Using HPLC-ToF-MS. Planta Medica, 2016, 82, 580-588.	1.3	15
56	Chemical stability and in chemico reactivity of 24 fragrance ingredients of concern for skin sensitization risk assessment. Toxicology in Vitro, 2018, 46, 237-245.	2.4	15
57	Isolation, synthesis, and drug interaction potential of secondary metabolites derived from the leaves of miracle tree (Moringa oleifera) against CYP3A4 and CYP2D6 isozymes. Phytomedicine, 2019, 60, 153010.	5.3	15
58	Deciphering the molecular basis of the kappa opioid receptor selectivity: A Molecular Dynamics study. Journal of Molecular Graphics and Modelling, 2021, 106, 107940.	2.4	15
59	Asymmetric Total Synthesis of the Caspase-1 Inhibitor (â^')-Berkeleyamide A. Journal of Organic Chemistry, 2010, 75, 3113-3116.	3.2	13
60	Liquid chromatography-quadrupole time of flight mass spectrometric method for targeted analysis of 111 nitrogen-based compounds in weight loss and ergogenic supplements. Journal of Pharmaceutical and Biomedical Analysis, 2019, 174, 305-323.	2.8	13
61	Piper nigrum Oil â€“ Determination of Selected Terpenes for Quality Evaluation. Planta Medica, 2019, 85, 185-194.	1.3	13
62	Utility of alkaloids as chemical and biomarkers for quality, efficacy, and safety assessment of botanical ingredients. Phytomedicine, 2019, 54, 347-356.	5.3	13
63	Modulation of CYP3A4 and CYP2C9 activity by Bulbine natalensis and its constituents: An assessment of HDI risk of B. natalensis containing supplements. Phytomedicine, 2021, 81, 153416.	5.3	13
64	Quantitative determination and characterization of polyphenols from Cissus quadrangularis L. and dietary supplements using UHPLC-PDA-MS, LC-QToF and HPTLC. Journal of Pharmaceutical and Biomedical Analysis, 2021, 199, 114036.	2.8	13
65	BP-1107 [{2-[4-(2,4-Dioxo-thiazolidin-5-ylmethyl)-phenoxy]-ethyl}-methyl-amide]: A Novel Synthetic Thiazolidinedione That Inhibits Epidermal Hyperplasia in Psoriatic Skin-Severe-Combined Immunodeficient Mouse Transplants after Topical Application. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 996-1004.	2.5	12
66	Identification and quantification of 1,3-dimethylbutylamine (DMBA) from Camellia sinensis tea leaves and dietary supplements. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 159-168.	2.8	12
67	Isoform selectivity of harmine-conjugated 1,2,3-triazoles against human monoamine oxidase. Future Medicinal Chemistry, 2018, 10, 1435-1448.	2.3	12
68	Design, synthesis, and docking studies of telmisartan analogs for the treatment of metabolic syndrome. Medicinal Chemistry Research, 2009, 18, 611-628.	2.4	11
69	In vitro erythrocytic uptake studies of artemisinin and selected derivatives using LCâ€“MS and 2D-QSAR analysis of uptake in parasitized erythrocytes. Bioorganic and Medicinal Chemistry, 2009, 17, 5325-5331.	3.0	11
70	In chemico skin sensitization risk assessment of botanical ingredients. Journal of Applied Toxicology, 2018, 38, 1047-1053.	2.8	11
71	The power of hyphenated chromatographyâ€”Time of flight mass spectrometry for unequivocal identification of spirostanes in bodybuilding dietary supplements. Journal of Pharmaceutical and Biomedical Analysis, 2019, 167, 74-82.	2.8	11
72	Epigenetic and Posttranscriptional Modulation of SOS1 Can Promote Breast Cancer Metastasis through Obesity-Activated c-Met Signaling in African-American Women. Cancer Research, 2021, 81, 3008-3021.	0.9	11

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73	Comparative analysis of five Salvia species using LC-DAD-QToF. Journal of Pharmaceutical and Biomedical Analysis, 2022, 209, 114520.	2.8	11
74	New Insights into the Binding Mode of Melanin Concentrating Hormone Receptor-1 Antagonists: Homology Modeling and Explicit Membrane Molecular Dynamics Simulation Study. Journal of Chemical Information and Modeling, 2011, 51, 635-646.	5.4	10
75	What Happens after Activation of Ascaridole? Reactive Compounds and Their Implications for Skin Sensitization. Chemical Research in Toxicology, 2016, 29, 1488-1492.	3.3	10
76	Design, synthesis, and docking studies of novel telmisartanâ€“glitazone hybrid analogs for the treatment of metabolic syndrome. Medicinal Chemistry Research, 2009, 18, 589-610.	2.4	9
77	Studies on Pharmacokinetic Drug Interaction Potential of Vinpocetine. Medicines (Basel, Switzerland), 2015, 2, 93-105.	1.4	9
78	Cytoprotective Role of Dietary Phytochemicals Against Cancer Development via Induction of Phase II and Antioxidant Enzymes. Advances in Molecular Toxicology, 2016, , 99-137.	0.4	9
79	Anthraquinone-Based Specialized Metabolites from Rhizomes of Bulbine natalensis. Journal of Natural Products, 2019, 82, 1893-1901.	3.0	9
80	Study of the reactivity profile of glycine schiff's bases with dipolarophiles: Application towards a concise synthesis of CCG-II. Tetrahedron Letters, 1996, 37, 2857-2858.	1.4	8
81	The trimethylsilyl xylyl (TIX) ether: a useful protecting group for alcohols. Tetrahedron, 2005, 61, 1289-1295.	1.9	8
82	A chiral pool approach for asymmetric syntheses of both antipodes of equol and sativan. Tetrahedron, 2018, 74, 2020-2029.	1.9	8
83	Toxicity of Kadsura coccinea (Lem.) A. C. Sm. Essential Oil to the Bed Bug, Cimex lectularius L. (Hemiptera: Cimicidae). Insects, 2019, 10, 162.	2.2	8
84	Newly Generated Atractylon Derivatives in Processed Rhizomes of Atractylodes macrocephala Koidz. Molecules, 2020, 25, 5904.	3.8	8
85	Assessment of Herb-Drug Interaction Potential of Five Common Species of Licorice and Their Phytochemical Constituents. Journal of Dietary Supplements, 2023, 20, 582-601.	2.6	8
86	Determination of antimalarial compound, ARB-89 (7Î²-hydroxy-artemisinin carbamate) in rat serum by UPLC/MS/MS and its application in pharmacokinetics. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 889-890, 123-129.	2.3	7
87	Synthesis of Pterostilbene by Julia Olefination. Synthetic Communications, 2013, 43, 3217-3223.	2.1	7
88	Directed Hydrogenation of Acyclic Homoallylic Alcohols: Enantioselective Syntheses of (+)- and (â^')-Laurenditerpenol. Journal of Organic Chemistry, 2013, 78, 9223-9232.	3.2	7
89	Plant Toxins. , 2013, , 435-451.		7
90	Is Isoeugenol a Prehapten? Characterization of a Thiol-Reactive Oxidative Byproduct of Isoeugenol and Potential Implications for Skin Sensitization. Chemical Research in Toxicology, 2020, 33, 948-954.	3.3	7

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91	Bulbine natalensis (currently Bulbine latifolia) and select bulbine knipholones modulate the activity of AhR, CYP1A2, CYP2B6, and P-gp. Planta Medica, 2022, 88, 975-984.	1.3	7
92	Facile synthesis of a key intermediate for the synthesis of prostanes and isoprostanes. Tetrahedron: Asymmetry, 2001, 12, 1101-1103.	1.8	6
93	Impact of obesity on the toxicity of a multi-ingredient dietary supplement, OxyELITE Proâ„¢ (New) Tj ETQq1 1 0.784314 rgBT /Overlock Food and Chemical Toxicology, 2018, 122, 21-32.	3.6	6
94	A pharmacokinetic comparison of homodimer ARB-92 and heterodimer ARB-89: novel, potent antimalarial candidates derived from 7Î²-hydroxyartemisinin. Journal of Pharmaceutical Investigation, 2018, 48, 585-593.	5.3	6
95	Isoquinoline alkaloids from Asimina triloba. Natural Product Research, 2019, 33, 2823-2829.	1.8	6
96	In chemico assessment of potential sensitizers: Stability and direct peptide reactivity of 24 fragrance ingredients. Journal of Applied Toxicology, 2019, 39, 398-408.	2.8	6
97	In search for potential antidiabetic compounds from natural sources: docking, synthesis and biological screening of small molecules from Lycium spp. (Goji). Heliyon, 2020, 6, e02782.	3.2	6
98	Potential Modulation of Human NAD[P]H-Quinone Oxidoreductase 1 (NQO1) by EGCG and Its Metabolitesâ€"A Systematic Computational Study. Chemical Research in Toxicology, 2020, 33, 2749-2764.	3.3	6
99	New Benzoxazole Derivatives as Antiprotozoal Agents: In Silico Studies, Synthesis, and Biological Evaluation. Journal of Chemistry, 2021, 2021, 1-11.	1.9	6
100	Chemical Fingerprinting Profile and Targeted Quantitative Analysis of Phenolic Compounds from Rooibos Tea (Aspalathus linearis) and Dietary Supplements Using UHPLC-PDA-MS. Separations, 2022, 9, 159.	2.4	6
101	A new Î²-lapachone derivative from Distictella elongata (Vahl) Urb.. Journal of the Brazilian Chemical Society, 2009, 20, 383-386.	0.6	5
102	Configurational assignments of conformationally restricted bis-monoterpene hydroquinones: Utility in exploration of endangered plants. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4229-4234.	2.4	5
103	Identification of Potential Skin Sensitizers in Myrrh. Cosmetics, 2019, 6, 47.	3.3	5
104	Sceletorines A and B, two minor novel dimeric alkaloids of Mesembryanthemum tortuosum (synonym) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	5
105	Licochalcone L, an undescribed retrochalcone from Glycyrrhiza inflata roots. Natural Product Research, 2022, 36, 200-206.	1.8	5
106	Sarcoroseolides A-D, four undescribed cembranoids from the Red Sea soft coral Sarcophyton roseum. Natural Product Research, 2022, 36, 1842-1850.	1.8	4
107	Eupatorin 3â€²-O-glucopyranoside, a trimethoxyflavonoid glucoside from the aerial parts of Salvia mellifera. Natural Product Research, 2021, , 1-8.	1.8	4
108	Balancing the efficacy vs. the toxicity of promiscuous natural products: Paclitaxel-based acid-labile lipophilic prodrugs as promising chemotherapeutics. European Journal of Medicinal Chemistry, 2022, 227, 113891.	5.5	4

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109	Profiling and Quantification of the Key Phytochemicals from the Drumstick Tree (Moringa oleifera) and Dietary Supplements by UHPLC-PDA-MS. Planta Medica, 2021, 87, 417-427.	1.3	4
110	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. Bioorganic Chemistry, 2022, 118, 105475.	4.1	4
111	Proteoform-Specific Protein Binding of Small Molecules in Complex Matrices. ACS Chemical Biology, 2017, 12, 389-397.	3.4	3
112	1,5-Dimethylhexylamine (octodrine) in sports and weight loss supplements: Natural constituent or synthetic chemical?. Journal of Pharmaceutical and Biomedical Analysis, 2018, 152, 298-305.	2.8	3
113	Identification of a new small molecule chemotype of Melanin Concentrating Hormone Receptor-1 antagonists using pharmacophore-based virtual screening. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126741.	2.2	3
114	Pharmacokinetics and Tissue Distribution of Aegeline after Oral Administration in Mice. Planta Medica, 2019, 85, 491-495.	1.3	3
115	Possible Herb-Drug Interaction Risk of Some Nutritional and Beauty Supplements on Antiretroviral Therapy in HIV Patients. Journal of Dietary Supplements, 2022, 19, 62-77.	2.6	3
116	Are atranols the only skin sensitizers in oakmoss? A systematic investigation using non-animal methods. Toxicology in Vitro, 2021, 70, 105053.	2.4	3
117	Isolation, Synthesis and Medicinal Significance of Marine Pyridoacridine Alkaloids. Current Organic Chemistry, 2019, 23, 1469-1495.	1.6	3
118	Probing PXR activation and modulation of CYP3A4 by Tinospora crispa and Tinospora sinensis. Journal of Ethnopharmacology, 2022, 291, 115159.	4.1	3
119	Simple Synthesis of 2-Acetyl-5,8-dimethoxy-3,4-dihydronaphthalene: A Key Intermediate for the Synthesis of 4-Demethoxydaunomycinone. Journal of Chemical Research Synopses, 1999, , 380-381.	0.3	2
120	Determination of a novel epothilone D analog (AVâ€EPOâ€106) in human plasma using ultraâ€performance liquid chromatographyâ€“tandem mass spectrometry. Biomedical Chromatography, 2009, 23, 302-307.	1.7	2
121	Utilizing Ayurvedic literature for the identification of novel phytochemical inhibitors of botulinum neurotoxin A. Journal of Ethnopharmacology, 2017, 197, 211-217.	4.1	2
122	Oleanane-type triterpenoid glucuronosides from Glycyrrhiza echinata L. root. Biochemical Systematics and Ecology, 2020, 92, 104088.	1.3	2
123	Undescribed phenylpropanoid and a dimeric sesquiterpenoid possessing a rare cyclobutane ring from Tinospora sinensis. Natural Product Research, 2020, 35, 1-8.	1.8	2
124	A Comprehensive Workflow for the Analysis of Bio-Macromolecular Supplements: Case Study of 20 Whey Protein Products. Journal of Dietary Supplements, 2021, , 1-19.	2.6	2
125	Phenoxychromone and 4-hydroxyisoflavans from the roots of Glycyrrhiza uralensis. Natural Product Research, 2022, 36, 3850-3857.	1.8	2
126	Benzoylcyclopropane Derivatives from Hypoxis hemerocallidea Corms. Planta Medica, 2021, , .	1.3	2

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127	Novel Machaeriol Analogues as Modulators of Cannabinoid Receptors: Structureâ€“Activity Relationships of (+)-Hexahydrocannabinoids and Their Isoform Selectivities. ACS Omega, 2021, 6, 20408-20421.	3.5	2
128	Phytochemical investigation of Mimosa pigra leaves, a sensitive species. Biochemical Systematics and Ecology, 2021, 99, 104354.	1.3	2
129	The Convergence of HPC, AI and Big Data in Rapid-Response to the COVID-19 Pandemic. Communications in Computer and Information Science, 2022, , 157-172.	0.5	2
130	LC Determination of a Novel Synthetic Thiazolidinedione (BP-1107) in Rat Plasma and Its Application to a Pharmacokinetic Study. Chromatographia, 2008, 68, 551-555.	1.3	1
131	Cyclopiperettine, A New Amide from Piper nigrum. Natural Product Communications, 2017, 12, 1934578X1701201.	0.5	1
132	Effect of African Potato (Hypoxis hemerocallidea) Extract and Its Constituents on PXR and CYP450 Enzymes. Applied in Vitro Toxicology, 2019, 5, 26-33.	1.1	1
133	Crystal structure of 12-(2-hydroxybenzoyl)benzo[f]pyrido[1,2-a]indole-6,11-dione, C₂₃H₁₃NO₄. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 235, 105-107.	0.3	1
134	Chromatographic analyses and unambiguous identification of atranolâ€like secondary metabolites in oakmoss absolute. Flavour and Fragrance Journal, 2020, 35, 459-468.	2.6	1
135	An update on plant toxins posing human health risks. , 2021, , 479-491.		1
136	The Low Copy Nuclear Gene Region, Granule Bound Starch Synthase (GBSS1), as a Novel Mini-DNA Barcode for the Identification of Different Sage (Salvia) Species. Planta Medica, 2021, , .	1.3	1
137	Short Synthesis of Olivetolic Acid via Directed ortho-Metalation (DoM). Planta Medica, 2012, 78, .	1.3	1
138	Crystal structure of 4-hydroxynaphtho[2,3-b]benzofuran-6,11-dione, C₁₆H₈O₄. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 565-567.	0.3	1
139	Deep Learning Predicts Protein-Ligand Interactions. , 2020, , .		1
140	Litoarbolide A: an undescribed sesquiterpenoid from the Red Sea soft coral Litophyton arboreum with an in vitro anti-malarial activity evaluation. Natural Product Research, 2022, , 1-9.	1.8	1
141	Addition of Lithioimidazoles to Isocyanates Followed by Pd-Coupling: Access to 4-Substituted Imidazole-2,5-dicarboxamides.. ChemInform, 2004, 35, no.	0.0	0
142	The Trimethylsilyl Xylyl (TIX) Ether: A Useful Protecting Group for Alcohols.. ChemInform, 2005, 36, no.	0.0	0
143	The Trimethylsilyl Xylyl (TIX) Ether: A Useful Protecting Group for Alcohols.. ChemInform, 2005, 36, no.	0.0	0
144	Diastereoselective Amidoalkylation of (3S,7aR)-6-Benzyl-7-hydroxy-3-phenyltetrahydro-5H-imidazo[1,5-c][1,3]thiazol-5-one: A Short and Highly Efficient Synthesis of (+)-Biotin.. ChemInform, 2005, 36, no.	0.0	0

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145	Design, Synthesis, and Biological Evaluation of Peptidomimetic Nâ€Substituted Cbzâ€4â€Hypâ€Hpaâ€Amides as Novel Inhibitors of Plasmodium falciparum. Chemistry and Biodiversity, 2017, 14, e1700037.	2.1	0
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