

Amar G Chittiboyina

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5768621/amar-g-chittiboyina-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142
papers

2,723
citations

23
h-index

48
g-index

167
ext. papers

3,103
ext. citations

3.6
avg, IF

4.78
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 142 | 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 | 5.1 | 0 |
| 141 | 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 | 6.8 | 0 |
| 140 | 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 | 0.3 | |
| 139 | Assessment of Herb-Drug Interaction Potential of Five Common Species of Licorice and Their Phytochemical Constituents.. <i>Journal of Dietary Supplements</i> , 2022 , 1-20 | 2.3 | 0 |
| 138 | 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 | 5 | 0 |
| 137 | Litoarbolide A: an undescribed sesquiterpenoid from the Red Sea soft coral with an anti-malarial activity evaluation.. <i>Natural Product Research</i> , 2022 , 1-9 | 2.3 | |
| 136 | Undescribed phenylpropanoid and a dimeric sesquiterpenoid possessing a rare cyclobutane ring from. <i>Natural Product Research</i> , 2021 , 35, 3955-3962 | 2.3 | 2 |
| 135 | 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 | 3.1 | 0 |
| 134 | Comparative analysis of five <i>Salvia</i> species using LC-DAD-QToF.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 209, 114520 | 3.5 | 2 |
| 133 | Phytochemical investigation of <i>Mimosa pigra</i> leaves, a sensitive species. <i>Biochemical Systematics and Ecology</i> , 2021 , 99, 104354 | 1.4 | 0 |
| 132 | New Benzoxazole Derivatives as Antiprotozoal Agents: In Silico Studies, Synthesis, and Biological Evaluation. <i>Journal of Chemistry</i> , 2021 , 2021, 1-11 | 2.3 | 3 |
| 131 | Synthetic Approaches for Building Tricyclic Cage-like Motifs Found in Indoxamycins. <i>Current Organic Chemistry</i> , 2021 , 25, 437-448 | 1.7 | |
| 130 | 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 | 2.3 | 1 |
| 129 | Phenoxchromone and 4-hydroxyisoflavans from the roots of. <i>Natural Product Research</i> , 2021 , 1-8 | 2.3 | 0 |
| 128 | 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 | 3.5 | 2 |
| 127 | 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 | 2.8 | 9 |
| 126 | Are atranols the only skin sensitizers in oakmoss? A systematic investigation using non-animal methods. <i>Toxicology in Vitro</i> , 2021 , 70, 105053 | 3.6 | 2 |

| | | | |
|-----|--|------|----|
| 125 | 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 | 6.5 | 5 |
| 124 | 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 | 10.1 | 2 |
| 123 | An update on plant toxins posing human health risks 2021 , 479-491 | | |
| 122 | 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 | 3.0 | 1 |
| 121 | Eupatorin 3R-glucopyranoside, a trimethoxyflavonoid glucoside from the aerial parts of. <i>Natural Product Research</i> , 2021 , 1-8 | 2.3 | 0 |
| 120 | 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 | 3.6 | |
| 119 | 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 | 16.4 | 9 |
| 118 | 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 | 1.3 | |
| 117 | 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 | 1.7 | |
| 116 | Licochalcone L, an undescribed retrochalcone from roots. <i>Natural Product Research</i> , 2020 , 1-7 | 2.3 | 1 |
| 115 | Oleanane-type triterpenoid glucuronosides from <i>Glycyrrhiza echinata</i> L. root. <i>Biochemical Systematics and Ecology</i> , 2020 , 92, 104088 | 1.4 | 0 |
| 114 | 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 | 4 | 2 |
| 113 | Tridiscorhabdin and Didiscorhabdin, the First Discorhabdin Oligomers Linked with a Direct C-N Bridge from the Sponge Collected from the Deep Sea in Antarctica. <i>Journal of Natural Products</i> , 2020 , 83, 706-713 | 4.9 | 9 |
| 112 | Chromatographic analyses and unambiguous identification of atranol-like secondary metabolites in oakmoss absolute. <i>Flavour and Fragrance Journal</i> , 2020 , 35, 459-468 | 2.5 | 1 |
| 111 | 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 | 6.8 | 15 |
| 110 | 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 | 0.2 | 1 |
| 109 | Deep Learning Predicts Protein-Ligand Interactions 2020 , | | 1 |
| 108 | In search for potential antidiabetic compounds from natural sources: docking, synthesis and biological screening of small molecules from . (Goji). <i>Heliyon</i> , 2020 , 6, e02782 | 3.6 | 4 |

| | | | |
|-----|---|-----|----|
| 107 | 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 | 4 | 2 |
| 106 | Possible Herb-Drug Interaction Risk of Some Nutritional and Beauty Supplements on Antiretroviral Therapy in HIV Patients. <i>Journal of Dietary Supplements</i> , 2020 , 1-16 | 2.3 | 2 |
| 105 | Synthesis of benzonaphthofuroquinones and benzoylnaphthindolizinediones by reactions of flavonoids with dichlone under basylous, oxygenous and aqueous conditions: their cytotoxic and apoptotic activities.. <i>RSC Advances</i> , 2020 , 10, 28644-28652 | 3.7 | |
| 104 | Sarcoseolides A-D, four undescribed cembranoids from the Red Sea soft coral. <i>Natural Product Research</i> , 2020 , 1-9 | 2.3 | 2 |
| 103 | Newly Generated Atractylon Derivatives in Processed Rhizomes of Koidz. <i>Molecules</i> , 2020 , 25, | 4.8 | 2 |
| 102 | Characterization, Quantification and Quality Assessment of Avocado (Mill.) Oils. <i>Molecules</i> , 2020 , 25, | 4.8 | 8 |
| 101 | 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 | 1.3 | 0 |
| 100 | Identification of Potential Skin Sensitizers in Myrrh. <i>Cosmetics</i> , 2019 , 6, 47 | 2.7 | 3 |
| 99 | 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 | 3.5 | 6 |
| 98 | Toxicity of (Lem.) A. C. Sm. Essential Oil to the Bed Bug, L. (Hemiptera: Cimicidae). <i>Insects</i> , 2019 , 10, | 2.8 | 3 |
| 97 | 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 | 1.7 | 26 |
| 96 | Sceletorines A and B, two minor novel dimeric alkaloids of <i>Mesembryanthemum tortuosum</i> (synonym <i>Sceletium tortuosum</i>). <i>Phytochemistry Letters</i> , 2019 , 31, 78-84 | 1.9 | 2 |
| 95 | 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 | 5.7 | 21 |
| 94 | ID2 and GJB2 promote early-stage breast cancer progression by regulating cancer stemness. <i>Breast Cancer Research and Treatment</i> , 2019 , 175, 77-90 | 4.4 | 14 |
| 93 | 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 | 3.5 | 8 |
| 92 | Pharmacokinetics and Tissue Distribution of Aegeline after Oral Administration in Mice. <i>Planta Medica</i> , 2019 , 85, 491-495 | 3.1 | 3 |
| 91 | 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 | 6.5 | 8 |
| 90 | Anthraquinone-Based Specialized Metabolites from Rhizomes of. <i>Journal of Natural Products</i> , 2019 , 82, 1893-1901 | 4.9 | 6 |

| | | | |
|----|--|-----|----|
| 89 | 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 | 2.9 | 0 |
| 88 | Isolation, Synthesis and Medicinal Significance of Marine Pyridoacridine Alkaloids. <i>Current Organic Chemistry</i> , 2019 , 23, 1469-1495 | 1.7 | 1 |
| 87 | Crystal structure of 12-(2-hydroxybenzoyl)benzo[f]pyrido[1,2-a]indole-6,11-dione, C ₂₃ H ₁₃ NO ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019 , 235, 105-107 | 0.2 | 1 |
| 86 | Piper nigrum Oil - Determination of Selected Terpenes for Quality Evaluation. <i>Planta Medica</i> , 2019 , 85, 185-194 | 3.1 | 5 |
| 85 | Isoquinoline alkaloids from. <i>Natural Product Research</i> , 2019 , 33, 2823-2829 | 2.3 | 3 |
| 84 | 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 | 4.1 | 4 |
| 83 | Utility of alkaloids as chemical and biomarkers for quality, efficacy, and safety assessment of botanical ingredients. <i>Phytomedicine</i> , 2019 , 54, 347-356 | 6.5 | 7 |
| 82 | A chiral pool approach for asymmetric syntheses of both antipodes of equol and sativan. <i>Tetrahedron</i> , 2018 , 74, 2020-2029 | 2.4 | 6 |
| 81 | 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 | 3.5 | 3 |
| 80 | One-step, stereoselective synthesis of octahydrochromanes the Prins reaction and their cannabinoid activities. <i>Tetrahedron Letters</i> , 2018 , 59, 807-810 | 2 | 14 |
| 79 | In chemico skin sensitization risk assessment of botanical ingredients. <i>Journal of Applied Toxicology</i> , 2018 , 38, 1047-1053 | 4.1 | 6 |
| 78 | In-source collision-induced dissociation (IS-CID): Applications, issues and structure elucidation with single-stage mass analyzers. <i>Drug Testing and Analysis</i> , 2018 , 10, 28-36 | 3.5 | 16 |
| 77 | 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 | 3.6 | 12 |
| 76 | A pharmacokinetic comparison of homodimer ARB-92 and heterodimer ARB-89: novel, potent antimalarial candidates derived from 7-hydroxyartemisinin. <i>Journal of Pharmaceutical Investigation</i> , 2018 , 48, 585-593 | 6.3 | 5 |
| 75 | Hepatoprotective Effect of Steroidal Glycosides From on Hydrogen Peroxide-Induced Hepatotoxicity in HepG2 Cells. <i>Frontiers in Pharmacology</i> , 2018 , 9, 797 | 5.6 | 15 |
| 74 | Effective Synthetic Strategies for the Construction of Isoquinoline Scaffold Found in Biologically Active Natural Products. <i>Current Organic Chemistry</i> , 2018 , 22, 148-164 | 1.7 | 14 |
| 73 | Impact of obesity on the toxicity of a multi-ingredient dietary supplement, OxyELITE Pro (New Formula), using the novel NZO/HILtJ obese mouse model: Physiological and mechanistic assessments. <i>Food and Chemical Toxicology</i> , 2018 , 122, 21-32 | 4.7 | 3 |
| 72 | Isoform selectivity of harmine-conjugated 1,2,3-triazoles against human monoamine oxidase. <i>Future Medicinal Chemistry</i> , 2018 , 10, 1435-1448 | 4.1 | 8 |

| | | | |
|----|---|-----|----|
| 71 | 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 | 4.6 | 15 |
| 70 | Design, Synthesis, and Biological Evaluation of Peptidomimetic N-Substituted Cbz-4-Hyp-Hpa-Amides as Novel Inhibitors of Plasmodium falciparum. <i>Chemistry and Biodiversity</i> , 2017 , 14, e1700037 | 2.5 | |
| 69 | Proteoform-Specific Protein Binding of Small Molecules in Complex Matrices. <i>ACS Chemical Biology</i> , 2017 , 12, 389-397 | 4.9 | 2 |
| 68 | Selective kappa opioid antagonists for treatment of addiction, are we there yet?. <i>European Journal of Medicinal Chemistry</i> , 2017 , 141, 632-647 | 6.8 | 26 |
| 67 | Utilizing Ayurvedic literature for the identification of novel phytochemical inhibitors of botulinum neurotoxin A. <i>Journal of Ethnopharmacology</i> , 2017 , 197, 211-217 | 5 | 1 |
| 66 | Cycloperettine, A New Amide From Piper nigrum. <i>Natural Product Communications</i> , 2017 , 12, 1934578X1701201 | 4.1 | 1 |
| 65 | What Happens after Activation of Ascaridole? Reactive Compounds and Their Implications for Skin Sensitization. <i>Chemical Research in Toxicology</i> , 2016 , 29, 1488-92 | 4 | 8 |
| 64 | Concurrent supercritical fluid chromatographic analysis of terpene lactones and ginkgolic acids in Ginkgo biloba extracts and dietary supplements. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 4649-50 | 4.4 | 16 |
| 63 | In Chemico 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, 1108-17 | 4 | 17 |
| 62 | 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, 42-9 | 2.8 | 36 |
| 61 | Inhibition of CYP3A4 and CYP1A2 by Aegle marmelos and its constituents. <i>Xenobiotica</i> , 2016 , 46, 117-252 | | 14 |
| 60 | 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 | 5 |
| 59 | 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. <i>Planta Medica</i> , 2016 , 82, 580-8 | 3.1 | 11 |
| 58 | Identification and quantification of vinpocetine and picamilon in dietary supplements sold in the United States. <i>Drug Testing and Analysis</i> , 2016 , 8, 334-43 | 3.5 | 15 |
| 57 | Identification and quantification of 1,3-dimethylbutylamine (DMBA) from Camellia sinensis tea leaves and dietary supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 115, 159-68 | 3.5 | 12 |
| 56 | 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, 2674-82 | 5.7 | 17 |
| 55 | 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, 1704-14 | 4 | 24 |
| 54 | Investigating sesquiterpene biosynthesis in Ginkgo biloba: molecular cloning and functional characterization of (E,E)-farnesol and Bisabolene synthases. <i>Plant Molecular Biology</i> , 2015 , 89, 451-62 | 4.6 | 15 |

| | | | |
|----|--|-----|----|
| 53 | Methylhexanamine is not detectable in Pelargonium or Geranium species and their essential oils: A multi-centre investigation. <i>Drug Testing and Analysis</i> , 2015 , 7, 645-54 | 3.5 | 12 |
| 52 | Studies on Pharmacokinetic Drug Interaction Potential of Vinpocetine. <i>Medicines (Basel, Switzerland)</i> , 2015 , 2, 93-105 | 4.1 | 8 |
| 51 | A fluorescence high throughput screening method for the detection of reactive electrophiles as potential skin sensitizers. <i>Toxicology and Applied Pharmacology</i> , 2015 , 289, 177-84 | 4.6 | 28 |
| 50 | Cytotoxic activity of rearranged drimane meroterpenoids against colon cancer cells via down-regulation of Ectenin expression. <i>Journal of Natural Products</i> , 2015 , 78, 453-61 | 4.9 | 30 |
| 49 | The first cyclomegastigmane rhododendroside A from <i>Rhododendron brachycarpum</i> alleviates HMGB1-induced sepsis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2042-9 | 4 | 18 |
| 48 | Synthesis, biological evaluation, hydration site thermodynamics, and chemical reactivity analysis of Eketo substituted peptidomimetics for the inhibition of <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1274-9 | 2.9 | 13 |
| 47 | 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, 80-8 | 3.9 | 13 |
| 46 | 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, 12103-11 | 5.7 | 12 |
| 45 | Asymmetric Synthesis of Crispine A: Constructing Tetrahydroisoquinoline Scaffolds Using Pummerer Cyclizations. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 6355-6360 | 3.2 | 16 |
| 44 | Synthesis of Pterostilbene by Julia Olefination. <i>Synthetic Communications</i> , 2013 , 43, 3217-3223 | 1.7 | 6 |
| 43 | Bioactivity-guided investigation of geranium essential oils as natural tick repellents. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 4101-7 | 5.7 | 35 |
| 42 | Directed hydrogenation of acyclic homoallylic alcohols: enantioselective syntheses of (+)- and (-)-laurenditerpenol. <i>Journal of Organic Chemistry</i> , 2013 , 78, 9223-32 | 4.2 | 4 |
| 41 | Hydroxylated bisabolol oxides: evidence for secondary oxidative metabolism in <i>Matricaria chamomilla</i> . <i>Journal of Natural Products</i> , 2013 , 76, 1848-53 | 4.9 | 15 |
| 40 | Plant Toxins 2013 , 435-451 | | 6 |
| 39 | Configurational assignments of conformationally restricted bis-monoterpene hydroquinones: utility in exploration of endangered plants. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 4229-34 | 4 | 5 |
| 38 | 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, 3163-73 | 5.4 | 34 |
| 37 | Mechanisms enforcing the estrogen receptor Eselectivity of botanical estrogens. <i>FASEB Journal</i> , 2013 , 27, 4406-18 | 0.9 | 74 |
| 36 | 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, 457-71 | 2.9 | 19 |

| | | | |
|----|--|-----|-----|
| 35 | Determination of antimalarial compound, ARB-89 (7 β -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, 123-9 | 3.2 | 6 |
| 34 | 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, 635-46 | 6.1 | 10 |
| 33 | Design, synthesis, and docking studies of novel benzimidazoles for the treatment of metabolic syndrome. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 1076-85 | 8.3 | 28 |
| 32 | Anti-Inflammatory Glucocorticoids 2010 , 35-152 | | |
| 31 | Asymmetric total synthesis of the caspase-1 inhibitor (-)-berkeleyamide A. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3113-6 | 4.2 | 10 |
| 30 | Design, synthesis, and development of novel guaianolide-endoperoxides as potential antimalarial agents. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 7864-8 | 8.3 | 26 |
| 29 | Physicochemical characterization of berberine chloride: a perspective in the development of a solution dosage form for oral delivery. <i>AAPS PharmSciTech</i> , 2010 , 11, 1466-75 | 3.9 | 120 |
| 28 | A new β -apachone derivative from <i>Distictella elongata</i> (Vahl) Urb.. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 383-386 | 1.5 | 5 |
| 27 | Determination of a novel epothilone D analog (AV-EPO-106) in human plasma using ultra-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2009 , 23, 302-7 | 1.7 | 1 |
| 26 | Design, synthesis, and docking studies of novel telmisartan-glitazone hybrid analogs for the treatment of metabolic syndrome. <i>Medicinal Chemistry Research</i> , 2009 , 18, 589-610 | 2.2 | 9 |
| 25 | Design, synthesis, and docking studies of telmisartan analogs for the treatment of metabolic syndrome. <i>Medicinal Chemistry Research</i> , 2009 , 18, 611-628 | 2.2 | 10 |
| 24 | In vitro erythrocytic uptake studies of artemisinin and selected derivatives using LC-MS and 2D-QSAR analysis of uptake in parasitized erythrocytes. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5325-31 | 3.4 | 9 |
| 23 | 1,3-Diaxially substituted trans-decalins: potential nonsteroidal human progesterone receptor inhibitors. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7764-7 | 4.2 | 17 |
| 22 | Type 2 diabetes and oral antihyperglycemic drugs. <i>Current Medicinal Chemistry</i> , 2008 , 15, 61-74 | 4.3 | 99 |
| 21 | LC Determination of a Novel Synthetic Thiazolidinedione (BP-1107) in Rat Plasma and Its Application to a Pharmacokinetic Study. <i>Chromatographia</i> , 2008 , 68, 551-555 | 2.1 | 1 |
| 20 | Design, synthesis, and biological evaluation of Plasmodium falciparum lactate dehydrogenase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3841-50 | 8.3 | 50 |
| 19 | Total synthesis and absolute configuration of laurenditerpenol: a hypoxia inducible factor-1 activation inhibitor. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6299-302 | 8.3 | 23 |
| 18 | Recent Developments in the Syntheses of the Epothilones and Related Analogues. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 4071-4084 | 3.2 | 35 |

| | | | |
|----|--|-----|-----|
| 17 | Design and synthesis of the first generation of dithiolane thiazolidinedione- and phenylacetic acid-based PPARgamma agonists. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 4072-84 | 8.3 | 38 |
| 16 | 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. <i>Journal of Organic Chemistry</i> , 2005 , 70, 1901-3 | 4.2 | 19 |
| 15 | Inhibition of corneal neovascularization by a peroxisome proliferator-activated receptor-gamma ligand. <i>Experimental Eye Research</i> , 2005 , 80, 435-42 | 3.7 | 52 |
| 14 | An unusual stereochemical outcome of radical cyclization: synthesis of (+)-biotin. <i>Tetrahedron</i> , 2005 , 61, 9273-9280 | 2.4 | 14 |
| 13 | The trimethylsilyl xylyl (TIX) ether: a useful protecting group for alcohols. <i>Tetrahedron</i> , 2005 , 61, 1289-1295 | 2.5 | 6 |
| 12 | The epothilones and related analogues-a review of their syntheses and anti-cancer activities. <i>Current Pharmaceutical Design</i> , 2005 , 11, 1615-53 | 3.3 | 57 |
| 11 | 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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 996-1004 | 4.7 | 11 |
| 10 | Identification of telmisartan as a unique angiotensin II receptor antagonist with selective PPARgamma-modulating activity. <i>Hypertension</i> , 2004 , 43, 993-1002 | 8.5 | 928 |
| 9 | Alpha-Lipoic acid-based PPARgamma agonists for treating inflammatory skin diseases. <i>Archives of Dermatological Research</i> , 2004 , 296, 97-104 | 3.3 | 27 |
| 8 | Rosiglitazone inhibits proliferation, motility, and matrix metalloproteinase production in keratinocytes. <i>Journal of Investigative Dermatology</i> , 2004 , 122, 130-9 | 4.3 | 46 |
| 7 | First synthesis of antimalarial Machaeriols A and B. <i>Tetrahedron Letters</i> , 2004 , 45, 1689-1691 | 2 | 28 |
| 6 | Addition of lithioimidazoles to isocyanates followed by Pd-coupling: access to 4-substituted imidazole-2,5-dicarboxamides. <i>Tetrahedron Letters</i> , 2004 , 45, 1869-1872 | 2 | 16 |
| 5 | Biotinylation of colloidal gold particles using interdigitated bilayers: a UV-visible spectroscopy and TEM study of the biotin-avidin molecular recognition process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002 , 205, 15-20 | 5.1 | 17 |
| 4 | Facile synthesis of a key intermediate for the synthesis of prostanes and isoprostanes. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 1101-1103 | | 4 |
| 3 | Optical Absorption Study of the Biotin-Avidin Interaction on Colloidal Silver and Gold Particles. <i>Langmuir</i> , 1998 , 14, 4138-4142 | 4 | 89 |
| 2 | Study of the reactivity profile of glycine schiff bases with dipolarophiles: Application towards a concise synthesis of CCG-II. <i>Tetrahedron Letters</i> , 1996 , 37, 2857-2858 | 2 | 7 |
| 1 | Anti-Inflammatory Glucocorticoids 1-125 | | |