

CITATION REPORT

List of articles citing

Natural products in drug discovery

DOI: 10.1016/j.drudis.2008.07.004

Drug Discovery Today, 2008, 13, 894-901.

Source: <https://exaly.com/paper-pdf/44136514/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
1365	From fragment to clinical candidate--a historical perspective. <i>Drug Discovery Today</i> , 2009 , 14, 668-75	8.8	186
1364	Traditional medicine-inspired approaches to drug discovery: can Ayurveda show the way forward?. <i>Drug Discovery Today</i> , 2009 , 14, 804-11	8.8	223
1363	Gastroprotective activity of alkaloid extract and 2-phenylquinoline obtained from the bark of <i>Galipea longiflora</i> Krause (Rutaceae). 2009 , 180, 312-7		29
1362	Iso--tanaparholides: Isolation, Synthesis and Biological Evaluation. 2009 , 2009, 5711-5715		22
1361	Zootherapeutics utilized by residents of the community Poã Dantas, Crato-CE, Brazil. 2009 , 5, 21		59
1360	Natural products and drug discovery. Can thousands of years of ancient medical knowledge lead us to new and powerful drug combinations in the fight against cancer and dementia?. 2009 , 10, 194-200		406
1359	Bingchamides A and B, two novel cyclic pentapeptides from the <i>Streptomyces bingchenggensis</i> : fermentation, isolation, structure elucidation and biological properties. 2009 , 62, 501-5		16
1358	Novel chemical space exploration via natural products. 2009 , 52, 1953-62		215
1357	Streamlining hit discovery and optimization with a yoctoliter scale DNA reactor. 2009 , 4, 1201-13		11
1356	Is the body fat of the lizard <i>Tupinambis merianae</i> effective against bacterial infections?. 2009 , 126, 233-7		36
1355	Chemoinformatic analysis of combinatorial libraries, drugs, natural products, and molecular libraries small molecule repository. 2009 , 49, 1010-24		131
1354	Exploitation of secondary metabolites by animals: A response to homeostatic challenges. 2009 , 49, 314-28		94
1353	Drug discovery and natural products: end of an era or an endless frontier?. 2009 , 325, 161-5		1438
1352	Automated molecular formula determination by tandem mass spectrometry (MS/MS). 2009 , 134, 690-700		21
1351	Terpenyl-purines from the sea. 2009 , 7, 833-49		34
1350	A review of the chemical and pharmacological aspects of the genus <i>marrubium</i> . 2010 , 16, 3503-18		44
1349	Potential of plant-derived natural products in the treatment of leukemia and lymphoma. 2010 , 11, 812-22		64

1348	The Application of Recombinant DNA Technology in Medicinal Chemistry and Drug Discovery. 2010 , 535-568		
1347	Significance of Processing for the Chemopreventive Potential of Tomato-Based Products. 2010 , 299-320		
1346	Scientific evidence for Mikania laevigata and Mikania glomerata as a pharmacological tool. 2010 , 62, 809-20		29
1345	The continuing search for antitumor agents from higher plants. 2010 , 3, 1-8		105
1344	Chemometrics-based approach to modeling quantitative composition-activity relationships for Radix Tinosporae. 2010 , 2, 221-7		14
1343	Enhancement of pheochromocytoma nerve cell growth by consecutive fractionization of Angelica gigas Nakai extracts. 2010 , 62, 461-72		3
1342	Evaluation of inhibitory activities of plant extracts on production of LPS-stimulated pro-inflammatory mediators in J774 murine macrophages. 2010 , 336, 127-35		50
1341	What made sesquiterpene lactones reach cancer clinical trials?. <i>Drug Discovery Today</i> , 2010 , 15, 668-78	8.8	449
1340	The Drug Discovery Portal: a resource to enhance drug discovery from academia. <i>Drug Discovery Today</i> , 2010 , 15, 679-83	8.8	33
1339	Bioassays for Screening and Functional Elucidation of Herbal Medicines. 2010 , 225-269		
1338	Enhancements of screening collections to address areas of unmet medical need: an industry perspective. 2010 , 14, 289-98		113
1337	Synthesis and induction of apoptosis signaling pathway of ent-kaurane derivatives. 2010 , 18, 1724-35		37
1336	Synthesis and structure-activity relationships of novel furazan-3,4-diamide analogs as potent anti-cancer agents. 2010 , 20, 1148-52		11
1335	Probing the active-site requirements of human intestinal N-terminal maltase glucoamylase: the effect of replacing the sulfate moiety by a methyl ether in ponkoranol, a naturally occurring α -glucosidase inhibitor. 2010 , 20, 5686-9		23
1334	Synthetic analogs of indole-containing natural products as inhibitors of sortase A and isocitrate lyase. 2010 , 20, 6882-5		39
1333	A comparative study of flavonoid analogues on streptozotocin-nicotinamide induced diabetic rats: quercetin as a potential antidiabetic agent acting via 11 β -hydroxysteroid dehydrogenase type 1 inhibition. 2010 , 45, 2606-12		89
1332	Highly enantioselective synthesis and cellular evaluation of spirooxindoles inspired by natural products. 2010 , 2, 735-40		492
1331	Virtual screening: an endless staircase?. 2010 , 9, 273-6		368

1330	Biodiversity discovery and its importance to conservation. 1-34	1
1329	In vitro and in vivo anti-inflammatory activity of 17-O-acetylacuminolide through the inhibition of cytokines, NF- κ B translocation and IKK α activity. 2010 , 5, e15105	23
1328	Screening a plant extract library for inhibitors of cholecystokinin receptor CCK1 pathways. 2010 , 15, 518-27	11
1327	Toxic plants: a chemist's perspective. 2010 , 177-211	
1326	High-throughput screening of natural products for cancer therapy. 2010 , 76, 1080-6	45
1325	Antiproliferative effects of cucurbitacin B in breast cancer cells: down-regulation of the c-Myc/hTERT/telomerase pathway and obstruction of the cell cycle. 2010 , 11, 5323-38	40
1324	Reverse pharmacognosy: another way to harness the generosity of nature. 2010 , 16, 1682-96	26
1323	Plant Natural Products in Anti-Diabetic Drug Discovery. 2010 , 14, 1670-1677	14
1322	Natural products in structure-assisted design of molecular cancer therapeutics. 2010 , 16, 1718-41	16
1321	Multi-targeted natural products evaluation based on biological activity prediction with PASS. 2010 , 16, 1703-17	99
1320	Concepts and applications of "natural computing" techniques in de novo drug and peptide design. 2010 , 16, 1656-65	22
1319	Distinct biological network properties between the targets of natural products and disease genes. 2010 , 132, 9259-61	67
1318	Current strategies for drug discovery through natural products. 2010 , 5, 559-68	60
1317	Biotransformation of plant secondary metabolite decursin by Mycobacterium sp. PYR1001. 2010 , 58, 2931-4	10
1316	Development of a general, sequential, ring-closing metathesis/intramolecular cross-coupling reaction for the synthesis of polyunsaturated macrolactones. 2010 , 132, 11768-78	49
1315	Exploiting cyanobacterial P450 pathways. 2010 , 13, 301-6	10
1314	Topical anti-inflammatory activity of body fat from the lizard Tupinambis merianae. 2010 , 130, 514-20	34
1313	Novel steroidal penta- and hexacyclic compounds derived from 12-oxospirostan sapogenins. 2010 , 75, 1127-36	13

1312	Preparation and biological evaluation of novel leucomycin analogs derived from nitroso Diels-Alder reactions. 2010 , 8, 691-7	16
1311	Alternative and Complementary Therapies for Cancer. 2010 ,	1
1310	Total synthesis and biological evaluation of tyroscherin. 2010 , 12, 4308-11	29
1309	Potent glucosidase inhibitors: de-O-sulfonated ponkoranol and its stereoisomer. 2010 , 12, 1632-5	40
1308	Automated high-throughput system to fractionate plant natural products for drug discovery. 2010 , 73, 751-4	73
1307	Natural Products in Drug Discovery: Impacts and Opportunities [An Assessment]. 2011 , 1-199	6
1306	Natural product-like virtual libraries: recursive atom-based enumeration. 2011 , 51, 541-57	22
1305	Natural Drugs in Greco-Arabic and Islamic Medicine. 2011 , 101-121	
1304	Herbal Medicine. 2011 , 47-69	7
1303	Identification of direct protein targets of small molecules. 2011 , 6, 34-46	209
1302	Straightforward four-component access to spiroindolines. 2011 , 47, 8145-7	46
1301	Modern natural products drug discovery and its relevance to biodiversity conservation. 2011 , 74, 496-511	341
1300	Fast and effective identification of the bioactive compounds and their targets from medicinal plants via computational chemical biology approach. 2011 , 2, 471	25
1299	Nature Helps.... 2011 ,	5
1298	Marine Organisms and Their Prospective Use in Therapy of Human Diseases. 2011 , 153-189	
1297	Reengineering a tryptophan halogenase to preferentially chlorinate a direct alkaloid precursor. 2011 , 133, 19346-9	90
1296	The 2,11-cyclized cembranoids: cladiellins, asbestinins, and briarellins (period 1998-2010). 2011 , 74, 2318-28	31
1295	Drugs: A review of promising novel corrosion inhibitors. 2011 , 53, 3873-3898	314

1294	Conus magus vs. Irukandji syndrome: a computational approach of a possible new therapy. 2011 , 86, 195-202	3
1293	Low molecular weight inhibitors of Prolyl Oligopeptidase: a review of compounds patented from 2003 to 2010. 2011 , 21, 1023-44	27
1292	A biochemical comparison of the in vivo effects of <i>Bulbine frutescens</i> and <i>Bulbine natalensis</i> on cutaneous wound healing. 2011 , 133, 364-70	19
1291	Inhibition of hepatitis C virus replication by herbal extract: <i>Phyllanthus amarus</i> as potent natural source. 2011 , 158, 89-97	42
1290	Metabolic engineering for the production of natural products. 2011 , 2, 211-36	219
1289	Chemistry and biology of kahalalides. 2011 , 111, 3208-35	55
1288	Molecular docking for virtual screening of natural product databases. 2011 , 2, 1656-1665	101
1287	Anticancer properties of an important drug lead podophyllotoxin can be efficiently mimicked by diverse heterocyclic scaffolds accessible via one-step synthesis. 2011 , 54, 4234-46	53
1286	Extraction with supercritical fluid and comparison of chemical composition from adults and young leaves of <i>Zanthoxylum tingoassuiba</i> . 2011 , 21, 564-567	3
1285	Phytochemicals and Cancer Chemoprevention: Epigenetic Friends or Foe?. 2011 ,	1
1284	Bioprospecting: Creating a Value for Biodiversity. 2011 ,	
1283	Potential of aminoglycoside antibiotic activity using the body fat from the snake <i>Boa constrictor</i> . 2011 , 21, 503-509	17
1282	Anti-Respiratory Syncytial Virus Agents from Phytomedicine. 2011 ,	
1281	Ethnomedicinal Plants. 2011 , 1-24	
1280	Discovery of Potential Anticancer Agents from Aquatic Cyanobacteria, Filamentous Fungi, and Tropical Plants. 2011 , 37-64	8
1279	Computational Approaches for the Discovery of Natural Lead Structures. 2011 , 97-132	
1278	Antinociceptive efficacy of verticinone in murine models of inflammatory pain and paclitaxel induced neuropathic pain. 2011 , 34, 1377-82	24
1277	Natural products for cancer chemotherapy. 2011 , 4, 687-99	364

1276	Enantioselective synthesis of the spirotryprostatin A scaffold. 2011 , 67, 10195-10202	62
1275	Harmine, a β -carboline alkaloid, inhibits osteoclast differentiation and bone resorption in vitro and in vivo. 2011 , 650, 511-8	38
1274	Developing a library of authenticated Traditional Chinese Medicinal (TCM) plants for systematic biological evaluation--rationale, methods and preliminary results from a Sino-American collaboration. 2011 , 82, 17-33	34
1273	The screening toolbox of bioactive substances from natural products: a review. 2011 , 82, 1141-51	49
1272	Brominated extracts as source of bioactive compounds. 2011 , 13, 200-4	19
1271	Chemically engineered extracts: source of bioactive compounds. 2011 , 44, 241-50	55
1270	Prospects for designing new generation anti-tuberculosis vaccines. 2011 , 1, 290	
1269	Combinatorial biosynthesis in plants: a (p)review on its potential and future exploitation. 2011 , 28, 1897-916	54
1268	Natural products as DNA methyltransferase inhibitors: a computer-aided discovery approach. 2011 , 15, 293-304	117
1267	Ligand fishing with functionalized magnetic nanoparticles coupled with mass spectrometry for herbal medicine analysis: ligand fishing for herbal medicine analysis. 2011 , 399, 1223-31	33
1266	Exploitation of phage battery in the search for bioactive actinomycetes. 2011 , 89, 931-7	16
1265	Icacina senegalensis (Icacinaceae), traditionally used for the treatment of malaria, inhibits in vitro Plasmodium falciparum growth without host cell toxicity. 2011 , 10, 85	20
1264	How can natural products serve as a viable source of lead compounds for the development of new/novel anti-malarials?. 2011 , 10 Suppl 1, S2	48
1263	Back to the Roots: Prediction of Biologically Active Natural Products from Ayurveda Traditional Medicine. 2011 , 30, 181-7	13
1262	Stereoselective Synthesis of Aza Analogues of Isoalthalactone and Goniotalhesdiol [New Applications of the HeckMatsuda Reaction. 2011 , 2011, 7259-7270	15
1261	Historical variation of structural novelty in a natural product library. 2011 , 8, 1968-77	19
1260	Multi-factorial engineering of heterologous polyketide production in Escherichia coli reveals complex pathway interactions. 2011 , 108, 1360-71	23
1259	Proteomic analysis of polyketide and nonribosomal peptide biosynthesis. 2011 , 15, 48-56	18

1258	Role of natural product diversity in chemical biology. 2011 , 15, 350-4	88
1257	Natural product-like synthetic libraries. 2011 , 15, 516-22	69
1256	Chromatographic profiling and multivariate analysis for screening and quantifying the contributions from individual components to the bioactive signature in natural products. 2011 , 107, 98-105	44
1255	An approach to speed up the isolation of hydrophilic metabolites from natural sources at semipreparative level by using a hydrophilic-lipophilic balance/mixed-mode strong cation exchange-high-performance liquid chromatography/mass spectrometry system. 2011 , 1218, 1790-4	16
1254	In silico discovery of acylated flavonol monorhamnosides from <i>Eriobotrya japonica</i> as natural, small-molecular weight inhibitors of XIAP BIR3. 2011 , 19, 1002-9	7
1253	Biotransformation of natural compounds. Oxido-reduction of Sch-642305 by <i>Aspergillus ochraceus</i> ATCC 1009. 2011 , 21, 2456-9	7
1252	Phylogenetic identification of fungi isolated from the marine sponge <i>Tethya aurantium</i> and identification of their secondary metabolites. 2011 , 9, 561-85	100
1251	How can actinomycete taxonomy and natural product research work together? The Sanofi-Aventis approach. 2011 , 32, 81	5
1250	Targeting oncogenic protein-protein interactions by diversity oriented synthesis and combinatorial chemistry approaches. 2011 , 16, 4408-27	18
1249	Diversity-oriented synthesis of a library of substituted tetrahydropyrones using oxidative carbon-hydrogen bond activation and click chemistry. 2011 , 16, 3648-62	6
1248	2-Aminoimidazole, glycociamidine and 2-thiohydantoin-marine alkaloids as molecular inspirations for the development of lead structures. 2011 , 12, 1689-708	4
1247	FEATURES. 2011 , 15, 14-34	5
1246	Quantifying structure and performance diversity for sets of small molecules comprising small-molecule screening collections. 2011 , 108, 6817-22	81
1245	Cyclic Lipodepsipeptides in Novel Antimicrobial Drug Discovery. 2011 , 84, 315-329	18
1244	10 Natural product drug discovery from microalgae.	8
1243	Natural products from ethnodirected studies: revisiting the ethnobiology of the zombie poison. 2012 , 2012, 202508	10
1242	Approaches to target profiling of natural products. 2012 , 19, 3841-55	20
1241	Poly[3-(3, 4-dihydroxyphenyl) glyceric acid] from Comfrey exerts anti-cancer efficacy against human prostate cancer via targeting androgen receptor, cell cycle arrest and apoptosis. 2012 , 33, 1572-80	9

1240	Xanthatin induces G2/M cell cycle arrest and apoptosis in human gastric carcinoma MKN-45 cells. 2012 , 78, 890-5	25
1239	Strategies and techniques for multi-component drug design from medicinal herbs and traditional Chinese medicine. 2012 , 12, 1356-62	90
1238	Systems drug discovery: a quantitative, objective approach for safer drug development. 2012 , 7, 757-9	3
1237	Populene D analogues: design, concise synthesis and antiproliferative activity. 2012 , 17, 9621-30	6
1236	Drug discovery from plant sources: An integrated approach. 2012 , 33, 10-9	204
1235	[Importance of dietary hydroxycinnamic acids in the therapy of liver fibrosis]. 2012 , 153, 948-53	
1234	Natural products of dietary origin as lead compounds in virtual screening and drug design. 2012 , 13, 117-24	17
1233	Natural products isolation in modern drug discovery programs. 2012 , 864, 515-34	19
1232	Molecular scaffold analysis of natural products databases in the public domain. 2012 , 80, 717-24	56
1231	The Role of Natural Products in Discovery of New Anti-Infective Agents with Emphasis on Antifungal Compounds. 2012 , 205-239	4
1230	Key cell signaling pathways modulated by zerumbone: role in the prevention and treatment of cancer. 2012 , 84, 1268-76	106
1229	Epigenetic impact of dietary polyphenols in cancer chemoprevention: lifelong remodeling of our epigenomes. 2012 , 65, 565-76	187
1228	Costunolide: A novel anti-cancer sesquiterpene lactone. 2012 , 7,	24
1227	High-throughput fractionation of natural products for drug discovery. 2012 , 918, 117-26	7
1226	Galangin induces apoptosis in hepatocellular carcinoma cells through the caspase 8/t-Bid mitochondrial pathway. 2012 , 14, 626-33	38
1225	Inhibitors of HIV-1 Integrase-Human LEDGF/p75 Interaction Identified from Natural Products via Virtual Screening. 2012 , 30, 2752-2758	2
1224	Dracorhodin perchlorate inhibits PI3K/Akt and NF- κ B activation, up-regulates the expression of p53, and enhances apoptosis. 2012 , 17, 1104-19	79
1223	Design and synthesis of screening libraries based on the muurolane natural product scaffold. 2012 , 10, 4015-23	32

1222	The impact of plant-pathogen studies on medicinal drug discovery. 2012 , 41, 3168-78	7
1221	New Bioactive Natural Products from Canadian Boreal Forest. 2012 , 241-258	2
1220	Studies toward the synthesis of potent anti-inflammatory peptides solomonamides A and B: synthesis of a macrocyclic skeleton and key fragment 4-amino-6-(2'-amino-4'-hydroxyphenyl)-3-hydroxy-2-methyl-6-oxohexanoic acid (AHMOA). 2012 , 14, 6222-5	14
1219	Anti-inflammatory effects of shea butter through inhibition of iNOS, COX-2, and cytokines via the NF- κ B pathway in LPS-activated J774 macrophage cells. 2012 , 9, Article 4	15
1218	Discovery of Natural Phenols as G Protein-Coupled Receptor-35 (GPR35) Agonists. 2012 , 3, 165-9	26
1217	Cyclopropanations of olefin-containing natural products for simultaneous arming and structure activity studies. 2012 , 14, 1394-7	16
1216	Helokinestatin-7 peptides from the venoms of Heloderma lizards. 2012 , 35, 300-5	3
1215	Synthesis and bioactivity of secondary metabolites from marine sponges containing dibrominated indolic systems. 2012 , 17, 6083-99	43
1214	Diversity-oriented synthesis: producing chemical tools for dissecting biology. 2012 , 41, 4444-56	339
1213	Universal quantification of structurally diverse natural products using an evaporative light scattering detector. 2012 , 75, 802-6	27
1212	Acute toxicity evaluation, antibacterial, antioxidant and immunomodulatory effects of Melastoma malabathricum. 2012 , 17, 3547-59	22
1211	Ion channel drug discovery: challenges and future directions. 2012 , 4, 661-79	44
1210	Phylogenies reveal predictive power of traditional medicine in bioprospecting. 2012 , 109, 15835-40	156
1209	Cross-cultural comparisons of medicinal floras and bioprospecting revisited. 2012 , 139, 688-690	6
1208	Cross-cultural comparisons of medicinal floras--what are the implications for bioprospecting?. 2012 , 139, 685-7; discussion 688-90	7
1207	Uliginosin B, a phloroglucinol derivative from Hypericum polyanthemum: a promising new molecular pattern for the development of antidepressant drugs. 2012 , 228, 66-73	38
1206	The neuroprotective potential of phenolic-enriched fractions from four Juniperus species found in Portugal. 2012 , 135, 562-70	25
1205	In vitro cytotoxicity of Strobilanthes crispus ethanol extract on hormone dependent human breast adenocarcinoma MCF-7 cell. 2012 , 12, 35	20

1204	Methods to optimize myxobacterial fermentations using off-gas analysis. 2012 , 11, 59	7
1203	Biological activities of extracts from <i>Chenopodium ambrosioides</i> Lineu and <i>Kielmeyera neglecta</i> Saddi. 2012 , 11, 20	15
1202	Discovery of inhibitors to block interactions of HIV-1 integrase with human LEDGF/p75 via structure-based virtual screening and bioassays. 2012 , 55, 10108-17	35
1201	Microbial Natural Products. 2012 , 65-108	10
1200	Bioactive secondary metabolites from marine microbes for drug discovery. 2012 , 65, 363-87	30
1199	Evaluation of in-vitro antibacterial activity and anti-inflammatory activity for different extracts of <i>Rauvolfia tetraphylla</i> L. root bark. 2012 , 2, 818-21	12
1198	<i>Bulbine natalensis</i> and <i>Bulbine frutescens</i> promote cutaneous wound healing. 2012 , 144, 523-32	13
1197	Indole alkaloids from two cultured cyanobacteria, <i>Westiellopsis</i> sp. and <i>Fischerella muscicola</i> . 2012 , 20, 5290-5	38
1196	Cleistanthoside A tetraacetate-induced DNA damage leading to cell cycle arrest and apoptosis with the involvement of p53 in lung cancer cells. 2012 , 696, 35-42	8
1195	Inhibitory effect of riccardin D on growth of human non-small cell lung cancer: in vitro and in vivo studies. 2012 , 76, 300-8	25
1194	CYCLODEXTRINS AND THEIR DERIVATIVES IN THE RESOLUTION OF CHIRAL NATURAL PRODUCTS: A REVIEW. 2012 , 40, 194-215	12
1193	Natural products from Brazilian biodiversity as a source of new models for medicinal chemistry. 2012 , 84, 1837-1846	31
1192	Natural products and traditional medicine: turning on a paradigm. 2012 , 75, 514-25	124
1191	Guiding principles for natural product drug discovery. 2012 , 4, 1067-84	33
1190	Multi-target drugs: the trend of drug research and development. 2012 , 7, e40262	165
1189	The Biotechnology of Cyanobacteria. 2012 , 707-739	16
1188	Drug Discovery in Africa. 2012 ,	16
1187	High-Throughput Phenotyping in Plants. 2012 ,	4

1186	Trends in the discovery of new marine natural products from invertebrates over the last two decades--where and what are we bioprospecting?. 2012 , 7, e30580	167
1185	Chemoinformatic analysis of GRAS (Generally Recognized as Safe) flavor chemicals and natural products. 2012 , 7, e50798	34
1184	In vitro evaluation of antiprotozoal and antiviral activities of extracts from Argentinean Mikania species. 2012 , 2012, 121253	13
1183	Discovery of new anticancer agents from higher plants. 2012 , 4, 142-56	22
1182	Bioassay-guided isolation and identification of cytotoxic compounds from Gymnosperma glutinosum leaves. 2012 , 17, 11229-41	14
1181	Analytical Profiling of Bioactive Constituents from Herbal Products, using Metabolomics - A Review. 2012 , 7, 1934578X1200700	3
1180	Electrospray Ionization Tandem Mass Spectrometry as a Tool for the Structural Elucidation and Dereplication of Natural Products: An Overview. 2012 ,	1
1179	Chemopreventive Activity of Mediterranean Medicinal Plants. 2012 ,	4
1178	An introduction to natural products isolation. 2012 , 864, 1-25	45
1177	Sesquiterpene lactones isolated from indigenous Middle Eastern plants inhibit tumor promoter-induced transformation of JB6 cells. 2012 , 12, 89	15
1176	Macrocycles in new drug discovery. 2012 , 4, 1409-38	284
1175	Drug-like properties: guiding principles for the design of natural product libraries. 2012 , 75, 72-81	125
1174	A pharmacognostic approach to the Polygala genus: phytochemical and pharmacological aspects. 2012 , 9, 181-209	24
1173	Synthetic strategies to terpene quinones/hydroquinones. 2012 , 10, 358-402	29
1172	Antituberculosis agent diaportheone B: synthesis, absolute configuration assignment, and anti-TB activity of its analogues. 2012 , 10, 5385-94	19
1171	Identification and characterization of reactive metabolites in natural products-driven drug discovery. 2012 , 75, 507-13	26
1170	Natural Products as Lead Compounds in Medicinal Chemistry. 2012 , 81-126	1
1169	Plants as sources of new antimicrobials and resistance-modifying agents. 2012 , 29, 1007-21	293

1168	Effects of veraguensin and galgravin on osteoclast differentiation and function. 2012 , 64, 315-22	4
1167	Herbal bioactive molecules: the hidden jewels for drug development. Introduction. 2012 , 39, 253-5	
1166	Construction of a microbial natural product library for chemical biology studies. 2012 , 16, 101-8	54
1165	Chemical composition of the essential oil and antioxidant activity of methanolic extracts from fruits and flowers of <i>Hypericum lydium</i> Boiss.. 2012 , 36, 599-606	20
1164	Effects of hecogenin and its possible mechanism of action on experimental models of gastric ulcer in mice. 2012 , 683, 260-9	40
1163	Synthesis and cytotoxic activity evaluation of dihydrocucurbitacin B and cucurbitacin B derivatives. 2012 , 20, 3016-30	38
1162	Novel epigallocatechin gallate (EGCG) analogs activate AMP-activated protein kinase pathway and target cancer stem cells. 2012 , 20, 3031-7	86
1161	Synthesis of methoxylated goniothalamins, aza-goniothalamins and pyrones and their in vitro evaluation against human cancer cells. 2012 , 20, 3635-51	35
1160	Synthesis and evaluation of macrocyclic diarylether heptanoid natural products and their analogs. 2012 , 22, 245-8	28
1159	Subchronic toxicity study of the total flavonoids from <i>Rosa laevigata</i> Michx fruit in rats. 2012 , 62, 221-30	17
1158	11 β -Hydroxysteroid dehydrogenase type 1: relevance of its modulation in the pathophysiology of obesity, the metabolic syndrome and type 2 diabetes mellitus. 2012 , 14, 869-81	74
1157	Mimicking Peptides In Silico. 2012 , 31, 12-20	19
1156	Synthesis and evaluation of DPPH and anti-inflammatory activities of 2,6-bisbenzylidenecyclohexanone and pyrazoline derivatives. 2012 , 21, 333-344	16
1155	Global performance of traditional Chinese medicine over three decades. 2012 , 90, 945-958	14
1154	Rapid screening and identification of α -glucosidase inhibitors from mulberry leaves using enzyme-immobilized magnetic beads coupled with HPLC/MS and NMR. 2013 , 27, 148-55	234
1153	Biodiversity of benthic invertebrates and bioprospecting in Icelandic waters. 2013 , 12, 517-529	7
1152	Biosynthetic Potential of Hairy Roots for Production of New Natural Products. 2013 , 241-262	10
1151	Engineering an enantioselective amine oxidase for the synthesis of pharmaceutical building blocks and alkaloid natural products. 2013 , 135, 10863-9	257

1150	Core-structure-motivated design of iminium-enolate organocascade reactions: enantioselective syntheses of 5,6-dihydroindolizines. 2013 , 52, 9261-5	18
1149	Medicinal chemistry of dihydropyran-based medium ring macrolides related to aspergillides: selective inhibition of PI3K. 2013 , 56, 6122-35	27
1148	CamMedNP: building the Cameroonian 3D structural natural products database for virtual screening. 2013 , 13, 88	56
1147	Identification of a new class of FtsZ inhibitors by structure-based design and in vitro screening. 2013 , 53, 2131-40	53
1146	Antibacterial drugs as environmentally-friendly corrosion inhibitors for carbon steel in acid medium. 2013 , 39, 921-939	33
1145	Synthesis and biological evaluation of novel ocotillol-type triterpenoid derivatives as antibacterial agents. 2013 , 68, 444-53	29
1144	Cellular aggregation is a key parameter associated with long term variability in paclitaxel accumulation in <i>Taxus</i> suspension cultures. 2013 , 112, 303-310	24
1143	Synthesis of glaucogenin D, a structurally unique disecopregnane steroid with potential antiviral activity. 2013 , 15, 4802-5	8
1142	Antiparasitic effect of a fraction enriched in tight-binding protease inhibitors isolated from the Caribbean coral <i>Plexaura homomalla</i> . 2013 , 135, 611-22	10
1141	Ethyl acetate fraction of <i>Garcinia epunctata</i> induces apoptosis in human promyelocytic cells (HL-60) through the ROS generation and G0/G1 cell cycle arrest: a bioassay-guided approach. 2013 , 36, 865-74	13
1140	Cyclic Peptides. 2013 , 321-369	3
1139	The small molecule drug discovery process [from target selection to candidate selection]. 2013 , 81-126	6
1138	Application of an efficient strategy for discovery and purification of bioactive compounds from Chinese herbal medicines, a case study on the <i>Puerariae thomsonii</i> Flos. 2013 , 75, 25-32	14
1137	Exploring the biologically relevant chemical space for drug discovery. 2013 , 53, 2820-8	33
1136	Centrifugal partition extraction in the pH-zone-refining displacement mode: an efficient strategy for the screening and isolation of biologically active phenolic compounds. 2013 , 937, 7-12	12
1135	Attenuating effect of standardized fruit extract of <i>Punica granatum</i> L in rat model of tibial and sural nerve transection induced neuropathic pain. 2013 , 13, 274	15
1134	Assessing the pharmacokinetic profile of the CamMedNP natural products database: an in silico approach. 2013 , 3, 10	19
1133	In silico drug metabolism and pharmacokinetic profiles of natural products from medicinal plants in the Congo basin. 2013 , 1, 12	57

1132	CVDHD: a cardiovascular disease herbal database for drug discovery and network pharmacology. 2013 , 5, 51	38
1131	CRIMALDDI: platform technologies and novel anti-malarial drug targets. 2013 , 12, 396	14
1130	Catechin prodrugs and analogs: a new array of chemical entities with improved pharmacological and pharmacokinetic properties. 2013 , 30, 1438-54	27
1129	Regulation of lipid and glucose homeostasis by mango tree leaf extract is mediated by AMPK and PI3K/AKT signaling pathways. 2013 , 141, 2896-905	33
1128	Development and Discovery Avenues in Bioactive Natural Products for Glycemic Novel Therapeutics. 2013 , 39, 431-466	6
1127	Discovery of Inhibitors of the Wnt and Hedgehog Signaling Pathways through the Catalytic Enantioselective Synthesis of an Iridoid-Inspired Compound Collection. 2013 , 125, 12630-12634	23
1126	The application of Chinese medicine to novel drug discovery. 2013 , 8, 21-34	68
1125	A chemogenomic analysis of ionization constants--implications for drug discovery. 2013 , 8, 242-55	32
1124	Polyunsaturated fatty acid-derived chromones exhibiting potent antioxidant activity. 2013 , 170-171, 41-5	16
1123	Specific inhibition of hamster prion protein translocation by the dodecadepsipeptide valinomycin. 2013 , 319, 2049-2057	8
1122	Colleters in <i>Bathysa cuspidata</i> (Rubiaceae): Development, ultrastructure and chemical composition of the secretion. 2013 , 208, 579-590	20
1121	Anti-proliferative effect of (19Z)-halichondramide, a novel marine macrolide isolated from the sponge <i>Chondrosia corticata</i> , is associated with G2/M cell cycle arrest and suppression of mTOR signaling in human lung cancer cells. 2013 , 27, 694-9	28
1120	In silico comparison of antimycobacterial natural products with known antituberculosis drugs. 2013 , 53, 649-60	13
1119	Antinociceptive effect of 7-methoxyflavone isolated from <i>Zornia brasiliensis</i> . 2013 , 27, 1695-9	5
1118	Technologies for Extraction and Production of Bioactive Compounds to be Used as Nutraceuticals and Food Ingredients: An Overview. 2013 , 12, 5-23	399
1117	Expanding the number of 'druggable' targets: non-enzymes and protein-protein interactions. 2013 , 81, 22-32	138
1116	Benzoquinones and terphenyl compounds as phosphodiesterase-4B inhibitors from a fungus of the order Chaetothyriales (MSX 47445). 2013 , 76, 382-7	36
1115	Small-molecule inhibitors/modulators of amyloid- β peptide aggregation and toxicity for the treatment of Alzheimer's disease: a patent review (2010 - 2012). 2013 , 23, 581-96	50

1114	BioSM: metabolomics tool for identifying endogenous mammalian biochemical structures in chemical structure space. 2013 , 53, 601-12	27
1113	Finding novel pharmaceuticals in the systems biology era using multiple effective drug targets, phenotypic screening and knowledge of transporters: where drug discovery went wrong and how to fix it. 2013 , 280, 5957-80	84
1112	Structure-oriented UHPLC-LTQ Orbitrap-based approach as a dereplication strategy for the identification of isoflavonoids from <i>Amphimas pterocarpoides</i> crude extract. 2013 , 48, 561-75	39
1111	A non-michaelian behavior of the in vitro metabolism of the pentacyclic triterpene alfa and beta amyryns by employing rat liver microsomes. 2013 , 84, 14-9	15
1110	Caffeic acid phenethyl ester (CAPE), an active component of propolis, inhibits <i>Helicobacter pylori</i> peptide deformylase activity. 2013 , 435, 289-94	31
1109	Use of in situ solid-phase adsorption in microbial natural product fermentation development. 2013 , 40, 411-25	35
1108	PlantAnimal Interactions. 2013 , 39-55	0
1107	Potential sources of high value chemicals from leaves, stems and flowers of <i>Miscanthus sinensis</i> 'Goliath' and <i>Miscanthus sacchariflorus</i> . 2013 , 92, 160-7	16
1106	Antifungal Property of Selected Nigerian Medicinal Plants. 2013 , 59-77	1
1105	Cheminformatic Characterization of the Chemical Space and Molecular Diversity of Compound Libraries. 2013 , 325-352	6
1104	Plant-Derived Natural Products for the Treatment of Leishmaniasis. 2013 , 381-429	4
1103	Study of binding of pyridoacridine alkaloids on topoisomerase II using in silico tools. 2013 , 22, 5431-5441	18
1102	An efficient analytical platform for on-line microfluidic profiling of neuroactive snake venoms towards nicotinic receptor affinity. 2013 , 61, 112-24	21
1101	Scaffold Flatness: Reversing the Trend. 2013 , 1, 141-151	22
1100	Revealing nature's synthetic potential through the study of ribosomal natural product biosynthesis. 2013 , 8, 473-87	33
1099	Phytochemicals, microRNAs, and Cancer: Implications for Cancer Prevention and Therapy. 2013 , 187-206	1
1098	In vitro metabolic study of <i>Rhizoma coptidis</i> extract using liver microsomes immobilized on magnetic nanoparticles. 2013 , 405, 8807-17	10
1097	Modulation of epigenetic targets for anticancer therapy: clinicopathological relevance, structural data and drug discovery perspectives. 2013 , 19, 578-613	64

1096	Marine natural product des-O-methylsiodipodin effectively lowers the blood glucose level in db/db mice via ameliorating inflammation. 2013 , 34, 1325-36	5
1095	New concepts, experimental approaches, and dereplication strategies for the discovery of novel phytoestrogens from natural sources. 2013 , 79, 514-32	50
1094	Biological Activities and Chemical Characterization of <i>Cordia verbenacea</i> DC. as Tool to Validate the Ethnobiological Usage. 2013 , 2013, 164215	32
1093	Pretreatment hepatoprotective effect of the marine fungus derived from sponge on hepatic toxicity induced by heavy metals in rats. 2013 , 2013, 510879	18
1092	Insights into the Intramolecular Properties of β -Arene-Ru-Based Anticancer Complexes Using Quantum Calculations. 2013 , 2013, 1-14	1
1091	Antitussive Activity of the Water-Extracted Carbohydrate Polymer from <i>Terminalia chebula</i> on Citric Acid-Induced Cough. 2013 , 2013, 650134	13
1090	State of the Art of Diabetes Treatment in Greco-Arab and Islamic Medicine. 2013 , 327-337	7
1089	Discovery of inhibitors of the Wnt and Hedgehog signaling pathways through the catalytic enantioselective synthesis of an iridoid-inspired compound collection. 2013 , 52, 12404-8	58
1088	<i>Scutellaria barbata</i> D. Don induces G1/S arrest via modulation of p53 and Akt pathways in human colon carcinoma cells. 2013 , 29, 1623-8	34
1087	Science policy challenges for biodiversity, public health and urbanization: examples from Belgium. 2013 , 8, 025015	24
1086	Pinocembrin: a novel natural compound with versatile pharmacological and biological activities. 2013 , 2013, 379850	171
1085	Investigating Apoptotic Effects of Methanolic Extract of <i>Dorema glabrum</i> Seed on WEHI-164 Cells. 2013 , 2013, 949871	7
1084	Anthelmintic potential of three plants used in Nigerian ethnoveterinary medicine. 2013 , 51, 311-5	5
1083	Tradition and Perspectives of Diabetes Treatment in Greco-Arab and Islamic Medicine. 2013 , 319-326	5
1082	The Acid/Base Profile of the Human Metabolome and Natural Products. 2013 , 32, 505-15	9
1081	From natural product-inspired pyrrolidine scaffolds to the development of new human Golgi β -mannosidase II inhibitors. 2013 , 8, 2600-4	21
1080	Angiogenesis enhanced by <i>Phyllocaulis boraceiensis</i> mucus in human cells. 2013 , 280, 5118-27	3
1079	Library construction and biological evaluation of enmein-type diterpenoid analogues as potential anticancer agents. 2013 , 8, 812-8	24

1078	Anti-cancer Drug Development: Computational Strategies to Identify and Target Proteins Involved in Cancer Metabolism. 2013 , 19, 532-577	24
1077	Microbial production of flavonoids and terpenoids. 2013 , 234-261	1
1076	- Fucoidan: A Potential Ingredient of Marine Nutraceuticals. 2013 , 152-171	
1075	Chemogenomic Protein-Family Methods in Drug Discovery: Profile-QSAR and Kinase-Kernel. 2013 , 77-128	1
1074	Core-Structure-Motivated Design of IminiumEnolate Organocascade Reactions: Enantioselective Syntheses of 5,6-Dihydroindolizines. 2013 , 125, 9431-9435	5
1073	Enhanced inhibitory effect of curcumin via reactive oxygen species generation in human nasopharyngeal carcinoma cells following purple-light irradiation. 2013 , 6, 81-85	17
1072	Novel phytochemical-antibiotic conjugates as multitarget inhibitors of <i>Pseudomonas aeruginosa</i> GyrB/ParE and DHFR. 2013 , 7, 449-75	7
1071	Natural Products from Plants and Fungi as Fungicides. 2013 ,	8
1070	Toxicological evaluation of zerumbone on antitumor effects in mice. 2013 , 7, 466-473	7
1069	Phenols, Alkaloids and Terpenes from Medicinal Plants with Antihypertensive and Vasorelaxant Activities. A Review of Natural Products as Leads to Potential Therapeutic Agents. 2013 , 8, 1934578X1300800	9
1068	Use of natural products as chemical library for drug discovery and network pharmacology. 2013 , 8, e62839	224
1067	Integration of Microfractionation, qNMR and zebrafish screening for the in vivo bioassay-guided isolation and quantitative bioactivity analysis of natural products. 2013 , 8, e64006	42
1066	The anti-cancer property of proteins extracted from <i>Gynura procumbens</i> (Lour.) Merr. 2013 , 8, e68524	25
1065	AfroDb: a select highly potent and diverse natural product library from African medicinal plants. 2013 , 8, e78085	123
1064	A novel compound from the mushroom <i>Cryptopus volvatus</i> inhibits porcine reproductive and respiratory syndrome virus (PRRSV) in vitro. 2013 , 8, e79333	5
1063	New antimalarial hits from <i>Dacryodes edulis</i> (Burseraceae)--part I: isolation, in vitro activity, in silico "drug-likeness" and pharmacokinetic profiles. 2013 , 8, e79544	17
1062	Spasmolytic effect of caulerpine involves blockade of Ca ²⁺ influx on guinea pig ileum. 2013 , 11, 1553-64	23
1061	Phytoagents for cancer management: regulation of nucleic acid oxidation, ROS, and related mechanisms. 2013 , 2013, 925804	59

1060	The role of medicinal chemistry in the drug discovery process. 2013 , 119-134	
1059	Preparation and characterization of monomethoxy poly(ethylene glycol)-poly(ϵ -caprolactone) micelles for the solubilization and in vivo delivery of luteolin. 2013 , 8, 3061-9	24
1058	Screening of Herbal Medicines for Potential Toxicities. 2013 ,	26
1057	Virtualizing the p-ANAPL library: a step towards drug discovery from African medicinal plants. 2014 , 9, e90655	39
1056	Tetramethoxychalcone, a chalcone derivative, suppresses proliferation, blocks cell cycle progression, and induces apoptosis of human ovarian cancer cells. 2014 , 9, e106206	14
1055	Cryptoporus volvatus extract inhibits influenza virus replication in vitro and in vivo. 2014 , 9, e113604	15
1054	In silico discovery of potential VEGFR-2 inhibitors from natural derivatives for anti-angiogenesis therapy. 2014 , 15, 15994-6011	35
1053	Evidence for the involvement of spinal cord-inhibitory and cytokines-modulatory mechanisms in the anti-hyperalgesic effect of hecogenin acetate, a steroidal sapogenin-acetylated, in mice. 2014 , 19, 8303-16	14
1052	Plant natural products research in tuberculosis drug discovery and development: A situation report with focus on Nigerian biodiversity. 2014 , 13, 2307-2320	10
1051	Discovery of selective inhibitors of Glutaminase-2, which inhibit mTORC1, activate autophagy and inhibit proliferation in cancer cells. 2014 , 5, 6087-101	48
1050	New perspectives on the use of nucleic acids in pharmacological applications: inhibitory action of extracellular self-DNA in biological systems. 2014 , 13, 937-946	10
1049	Data Analytics for Traditional Chinese Medicine Research. 2014 ,	4
1048	Antiproliferative and antimicrobial activities of alkylbenzoquinone derivatives from <i>Ardisia kivuensis</i> . 2014 , 52, 392-7	9
1047	Alkaloids as drug leads [A predictive structural and biodiversity-based analysis. 2014 , 10, xlviii-liii	106
1046	Cytotoxic compounds from <i>Laurencia pacifica</i> . 2014 , 4, 8	13
1045	Cancer chemopreventive effects of the flavonoid-rich fraction isolated from papaya seeds. 2014 , 66, 857-71	27
1044	Anticancer activity of five forest crops used in African folklore: antiproliferative and pro-apoptotic effects. 2014 ,	7
1043	Antiproliferative activity of hamigerone and radicicol isolated from <i>Bipolaris papendorffii</i> . 2014 , 2014, 890904	8

1042	Nocapyrones: Band Epyrones from a marine-derived Nocardiosis sp. 2014 , 12, 4110-25	40
1041	Bioactivity-guided fractionation identifies amygdalin as a potent neurotrophic agent from herbal medicine Semen Persicae extract. 2014 , 2014, 306857	15
1040	Antibiotic alternatives: the substitution of antibiotics in animal husbandry?. 2014 , 5, 217	304
1039	Marine sponge <i>Cribrachalina vasculum</i> compounds activate intrinsic apoptotic signaling and inhibit growth factor signaling cascades in non-small cell lung carcinoma. 2014 , 13, 2941-54	7
1038	Separation of nine compounds from <i>Salvia plebeia</i> R.Br. using two-step high-speed counter-current chromatography with different elution modes. 2014 , 37, 2118-25	28
1037	Foodinformatics. 2014 ,	9
1036	Antroquinonol blocks Ras and Rho signaling via the inhibition of protein isoprenyltransferase activity in cancer cells. 2014 , 68, 1007-14	25
1035	Phytomedicines as potential inhibitors of β amyloid aggregation: significance to Alzheimer's disease. 2014 , 12, 801-18	13
1034	Lipid nanocarriers based on natural compounds: An evolving role in plant extract delivery. 2014 , 116, 1708-1717	21
1033	In vitro cytotoxicity screening of wild plant extracts from Saudi Arabia on human breast adenocarcinoma cells. 2014 , 13, 3981-90	14
1032	The identification of naturally occurring neoruscogenin as a bioavailable, potent, and high-affinity agonist of the nuclear receptor ROR α (NR1F1). 2014 , 19, 399-406	25
1031	Identification of Hirsutine as an anti-metastatic phytochemical by targeting NF- κ B activation. 2014 , 45, 2085-91	24
1030	A chemoinformatics approach to the discovery of lead-like molecules from marine and microbial sources en route to antitumor and antibiotic drugs. 2014 , 12, 757-78	23
1029	Crystal structure elucidation and anticancer studies of (-)-pseudosemiglabrin: a flavanone isolated from the aerial parts of <i>Tephrosia apollinea</i> . 2014 , 9, e90806	16
1028	Interaction with bovine serum albumin of an anti-oxidative pectic arabinogalactan from <i>Andrographis paniculata</i> . 2014 , 101, 342-8	13
1027	Transitioning pharmacoperones to therapeutic use: in vivo proof-of-principle and design of high throughput screens. 2014 , 83, 38-51	24
1026	Design, synthesis, and characterization of novel apigenin analogues that suppress pancreatic stellate cell proliferation in vitro and associated pancreatic fibrosis in vivo. 2014 , 22, 3393-404	28
1025	Involvement of extrinsic and intrinsic apoptotic pathways together with endoplasmic reticulum stress in cell death induced by naphthylchalcones in a leukemic cell line: advantages of multi-target action. 2014 , 28, 769-77	33

1024	Physicochemical characterization of phyllanthin from <i>Phyllanthus amarus</i> Schum. et Thonn. 2014 , 40, 793-802		8
1023	Naphthoquinones isolated from <i>Diospyros anisandra</i> exhibit potent activity against pan-resistant first-line drugs <i>Mycobacterium tuberculosis</i> strains. 2014 , 27, 114-20		34
1022	Isolation and partial characterization of bacteria (<i>Pseudoalteromonas</i> sp.) with potential antibacterial activity from a marine coastal environment from New Caledonia. 2014 , 58, 102-8		10
1021	Natural products as lead structures: chemical transformations to create lead-like libraries. <i>Drug Discovery Today</i> , 2014 , 19, 215-21	8.8	69
1020	Baceridin, a cyclic hexapeptide from an epiphytic bacillus strain, inhibits the proteasome. 2014 , 15, 1021-9		18
1019	How "drug-like" are naturally occurring anti-cancer compounds?. 2014 , 20, 2069		10
1018	Insights into drug discovery from natural medicines using reverse pharmacokinetics. 2014 , 35, 168-77		66
1017	Applied Plant Cell Biology. 2014 ,		3
1016	Structure-activity relationship of terpenes with anti-inflammatory profile: a systematic review. 2014 , 115, 244-56		47
1015	Hybrids, Congeners, Mimics, and Constrained Variants Spanning 30 Years of Natural Products Chemistry: A Personal Retrospective. 2014 , 565-610		
1014	Synthesis and anticancer activity of focused compound libraries from the natural product lead, oroidin. 2014 , 22, 1690-9		21
1013	Comparative modeling and virtual screening for the identification of novel inhibitors for myo-inositol-1-phosphate synthase. 2014 , 41, 5039-52		8
1012	Isolation and characterization of six labdane diterpenes and one pregnane steroid of <i>Turraeanthus africanus</i> . 2014 , 103, 137-144		10
1011	Effect of extraction solvents and plant parts used on the antihyperlipidemic and antioxidant effects of <i>Garcinia atroviridis</i> : a comparative study. 2014 , 94, 1552-8		33
1010	Synthesis and pharmacological evaluation of carvacrol propionate. 2014 , 37, 1575-87		3
1009	Novel antimicrobial activity of a dichloromethane extract obtained from red seaweed <i>Ceramium rubrum</i> (Hudson) (Rhodophyta: Florideophyceae) against <i>Yersinia ruckeri</i> and <i>Saprolegnia parasitica</i> , agents that cause diseases in salmonids. 2014 , 17, 126-131		26
1008	Structural revision of cephalosporolide J and bassianolone. 2014 , 79, 1493-7		13
1007	Revealing the macromolecular targets of complex natural products. 2014 , 6, 1072-8		100

1006	From amino acids to nature-inspired molecular scaffolds: incorporation of medium-sized bridged heterocycles into a peptide backbone. 2014 , 79, 10378-89	12
1005	Synthesis of 1-O-acetylbritannilactone analogues from <i>Inula britannica</i> and in vitro evaluation of their anticancer potential. 2014 , 5, 1584-1589	13
1004	Natural products in medicine: transformational outcome of synthetic chemistry. 2014 , 57, 9292-308	70
1003	Antibacterial drugs as corrosion inhibitors for bronze surfaces in acidic solutions. 2014 , 321, 188-196	34
1002	Lead Discovery and Lead Modification. 2014 , 19-122	5
1001	Development of a Concise Synthetic Approach to Access Oroxin A. 2014 , 4, 45151-45154	5
1000	Metabolic isoenzyme shifts in cancer as potential novel therapeutic targets. 2014 , 148, 477-88	3
999	Total synthesis of Deoxy-solomonamide B by mimicking biogenesis. 2014 , 16, 6148-51	17
998	Biodiversity in production of antibiotics and other bioactive compounds. 2015 , 147, 37-58	4
997	Dissecting active ingredients of Chinese medicine by content-weighted ingredient-target network. 2014 , 10, 1905-11	29
996	Rational hopping of a peptidic scaffold into non-peptidic scaffolds: structurally novel potent proteasome inhibitors derived from a natural product, belactosin A. 2014 , 50, 2445-7	13
995	Natural compounds as next-generation herbicides. 2014 , 166, 1090-105	191
994	Chemical Composition and Biological Activity of <i>Haplophyllum tuberculatum</i> Juss. Essential Oil. 2014 , 17, 452-459	9
993	Prospection, Collection, and Preservation of Marine Samples. 2014 , 15-34	2
992	Antibacterial activity of northern Ontario medicinal plant extracts. 2014 , 94, 417-424	4
991	Anti-inflammatory potential of zootherapeutics derived from animals used in Brazilian traditional medicine. 2014 , 52, 1403-10	9
990	Prenylated xanthenes from mangosteen as promising cholinesterase inhibitors and their molecular docking studies. 2014 , 21, 1303-9	46
989	Molecular modeling of potential anticancer agents from African medicinal plants. 2014 , 54, 2433-50	54

988	Effects of N source concentration and NH ₄ (+)/NO ₃ (-) ratio on phenylethanoid glycoside pattern in tissue cultures of <i>Plantago lanceolata</i> L.: a metabolomics driven full-factorial experiment with LC-ESI-MS(3). 2014 , 106, 44-54	10
987	Sterically Controlled Diels-Alder Cycloadditions: Rapid Entry into the Illudin Scaffold. 2014 , 2014, 4767-4772	3
986	Privileged structures: efficient chemical "navigators" toward unexplored biologically relevant chemical spaces. 2014 , 136, 14629-38	189
985	The uniqueness and therapeutic value of natural products from West African medicinal plants, part II: terpenoids, geographical distribution and drug discovery. 2014 , 4, 35348-35370	13
984	Chemometrics for Analytical Data Mining in Separation Process Design for Recovery of Artemisinin from <i>Artemisia annua</i> . 2014 , 53, 5582-5589	4
983	The value of nature's natural product library for the discovery of New Chemical Entities: the discovery of ingenol mebutate. 2014 , 98, 36-44	49
982	Molecular biodiversity and recent analytical developments: a marriage of convenience. 2014 , 32, 1102-10	16
981	Terpenes and derivatives as a new perspective for pain treatment: a patent review. 2014 , 24, 243-65	75
980	Identification of natural metabolites in mixture: a pattern recognition strategy based on (13)C NMR. 2014 , 86, 2955-62	59
979	The potential of anti-malarial compounds derived from African medicinal plants, part II: a pharmacological evaluation of non-alkaloids and non-terpenoids. 2014 , 13, 81	74
978	Nitroso Diels-Alder (NDA) reaction as an efficient tool for the functionalization of diene-containing natural products. 2014 , 12, 7445-68	67
977	Promising medicinal plants for bioprospection in a Cerrado area of Chapada do Araripe, Northeastern Brazil. 2014 , 155, 1522-33	51
976	Multi-target approach for natural products in inflammation. <i>Drug Discovery Today</i> , 2014 , 19, 1871-82	8.8 184
975	The natural product phyllanthusin C enhances IFN- γ production by human NK cells through upregulation of TLR-mediated NF- κ B signaling. 2014 , 193, 2994-3002	35
974	Future potential for anti-infectives from bacteria - how to exploit biodiversity and genomic potential. 2014 , 304, 3-13	74
973	Highly efficient and scalable synthesis of clonamine D. 2014 , 16, 2177-9	17
972	Revealing pharmacodynamics of medicinal plants using in silico approach: a case study with wet lab validation. 2014 , 47, 1-6	23
971	Pretubulysin: a new option for the treatment of metastatic cancer. 2014 , 5, e1001	24

970	Label-free cell phenotypic profiling identifies pharmacologically active compounds in two traditional Chinese medicinal plants. 2014 , 4, 26368-26377	22
969	Identification and characterization of novel surfactins produced by fungal antagonist <i>Bacillus amyloliquefaciens</i> 6B. 2014 , 61, 349-56	15
968	ConMedNP: a natural product library from Central African medicinal plants for drug discovery. 2014 , 4, 409-419	43
967	Antifibromyalgic activity of standardized extracts of <i>Phyllanthus amarus</i> and <i>Phyllanthus fraternus</i> in acidic saline induced chronic muscle pain. 2014 , 4, 123-130	8
966	Recent advances in cell membrane chromatography for traditional Chinese medicines analysis. 2014 , 101, 141-50	51
965	Antibacterial activities of <i>Ligaria cuneifolia</i> and <i>Jodina rhombifolia</i> leaf extracts against phytopathogenic and clinical bacteria. 2014 , 118, 599-605	22
964	Screening of protein kinase inhibitors in natural extracts by capillary electrophoresis combined with liquid chromatography-tandem mass spectrometry. 2014 , 1337, 188-93	27
963	Quinoxaline-substituted chalcones as new inhibitors of breast cancer resistance protein ABCG2: polyspecificity at B-ring position. 2014 , 8, 609-19	15
962	Role of pseudolaric acid B in A549 lung cancer cell proliferation and apoptosis. 2014 , 9, 144-8	4
961	Non-clinical toxicity studies on bioactive compounds within the framework of nutritional and health claims. 2015 , 66 Suppl 1, S13-21	3
960	Bronchodilatory activity of <i>Curcuma longa</i> , <i>Zingiber officinale</i> and <i>Alpinia galanga</i> based herbal formulation (AHF). 2015 , 15, 341-346	5
959	New Advances in Diversity-Oriented Synthesis. 2015 , 77-101	2
958	Screening Marine Microbial Libraries. 2015 , 105-134	1
957	INTEGRATING TRADITIONAL GRECO-ARAB AND ISLAMIC DIET AND HERBAL MEDICINES IN RESEARCH AND CLINICAL PRACTICE. 2015 , 142-182	7
956	Evaluation Of Potential Cytotoxic Effects Of Herbal Extracts. 2015 , 16, 333-342	5
955	Methodologies for Effect-Directed Analysis: Environmental Applications, Food Analysis, and Drug Discovery. 2015 , 109-163	1
954	Natural products as leads in schistosome drug discovery. 2015 , 20, 1872-903	50
953	Inhibition of migration and induction of apoptosis in LoVo human colon cancer cells by polysaccharides from <i>Ganoderma lucidum</i> . 2015 , 12, 7629-36	26

952	The transporter-mediated cellular uptake of pharmaceutical drugs is based on their metabolite-likeness and not on their bulk biophysical properties: Towards a systems pharmacology. 2015 , 6, 66-83	17
951	Scutellarein inhibits cancer cell metastasis in vitro and attenuates the development of fibrosarcoma in vivo. 2015 , 35, 31-8	29
950	A large scale prediction of bacteriocin gene blocks suggests a wide functional spectrum for bacteriocins. 2015 , 16, 381	27
949	Accurate and efficient target prediction using a potency-sensitive influence-relevance voter. 2015 , 7, 63	19
948	Pain Modulation by Lignans (Phyllanthin and Hypophyllanthin) and Tannin (Corilagin) Rich Extracts of <i>Phyllanthus amarus</i> in Carrageenan-induced Thermal and Mechanical Chronic Muscle Hyperalgesia. 2015 , 29, 1202-10	12
947	HPLC Plasma Assay of a Novel Anti-MRSA Compound, Kaempferol-3-O-Alpha-L-(2',3'-di-p-coumaroyl)rhamnoside, from Sycamore Leaves. 2015 , 10, 1934578X150100b	
946	Medicinal plant use of villagers in the Mopani district, Limpopo province, South Africa. 2015 , 12, 9	25
945	Editorial for Special Issue on Herbal Medicines and Natural Products. 2015 , 2, 328-330	2
944	A Metabolomic Approach to Target Compounds from the Asteraceae Family for Dual COX and LOX Inhibition. 2015 , 5, 404-30	40
943	Fit for the Future? A New Approach in the Debate about What Makes Healthcare Systems Really Sustainable. 2015 , 7, 294-312	24
942	Pharmacoinformatics approach for investigation of alternative potential hepatitis C virus nonstructural protein 5B inhibitors. 2015 , 9, 1825-41	22
941	Anti-Tumor Activity of Yuanhuacine by Regulating AMPK/mTOR Signaling Pathway and Actin Cytoskeleton Organization in Non-Small Cell Lung Cancer Cells. 2015 , 10, e0144368	25
940	Natural products and drug discovery: a survey of stakeholders in industry and academia. 2015 , 6, 237	38
939	A Comprehensive Review on the Phytochemical Constituents and Pharmacological Activities of <i>Pogostemon cablin</i> Benth.: An Aromatic Medicinal Plant of Industrial Importance. 2015 , 20, 8521-47	156
938	Evaluation of Phytoconstituents and Molecular Docking Against NS3 Protease of Hepatitis C Virus. 2015 , 2, 96-103	2
937	Natural Products: Insights into Leishmaniasis Inflammatory Response. 2015 , 2015, 835910	42
936	Jianpi Huayu Decoction Inhibits Proliferation in Human Colorectal Cancer Cells (SW480) by Inducing G0/G1-Phase Cell Cycle Arrest and Apoptosis. 2015 , 2015, 236506	9
935	. 2015 ,	5

934	Targeting a ribonucleoprotein complex containing the caprin-1 protein and the c-Myc mRNA suppresses tumor growth in mice: an identification of a novel oncotarget. 2015 , 6, 2148-63	21
933	Natural Flavonoids as Potential Herbal Medication for the Treatment of Diabetes Mellitus and its Complications. 2015 , 10, 1934578X1501000	14
932	Antitumor Constituents of the Wetland Plant <i>Nymphoides peltata</i> : A Case Study for the Potential Utilization of Constructed Wetland Plant Resources. 2015 , 10, 1934578X1501000	
931	The Indian Medicinal Plant Giloe (<i>Tinospora cordifolia</i>) induces Cytotoxic Effects by Damaging Cellular DNA in HeLa Cells: A Comet Assay Study. 2015 , 1,	
930	Membrane trafficking. Preface. 2015 , 1270, v-vi	1
929	Network pharmacology applications to map the unexplored target space and therapeutic potential of natural products. 2015 , 32, 1249-66	198
928	Antioxidant and antitumour activities of extracts from <i>Patrinia villosa</i> and its active constituents. 2015 , 16, 289-294	12
927	Screening bioactive compounds from <i>Ligusticum chuanxiong</i> by high density immobilized human umbilical vein endothelial cells. 2015 , 407, 5783-92	11
926	Antidiabetic, antioxidant, and TNF- α -lowering properties of extract of the traditionally used plant <i>Ixeris gracilis</i> in alloxan-induced diabetic mice. 2015 , 53, 494-502	4
925	<i>Haemanthus coccineus</i> extract and its main bioactive component narciclasine display profound anti-inflammatory activities in vitro and in vivo. 2015 , 19, 1021-32	21
924	Stelliosphaerols A and B, Sesquiterpene-Polyol Conjugates from an Ecuadorian Fungal Endophyte. 2015 , 78, 3005-10	12
923	Genomes to natural products PRediction Informatics for Secondary Metabolomes (PRISM). 2015 , 43, 9645-62	175
922	Anti-bacterial and anti-quorum sensing activity of thai traditional medicinal plants in Nakhon-Ratchasima province, Thailand. 2015 ,	
921	Selective anticancer activity of hirsutine against HER2-positive breast cancer cells by inducing DNA damage. 2015 , 33, 2072-6	20
920	A virtual screening approach for identifying plants with anti H5N1 neuraminidase activity. 2015 , 55, 308-16	36
919	Lichen Secondary Metabolites. 2015 ,	27
918	Synthetic modification of hydroxychavicol by Mannich reaction and alkyne-azide cycloaddition derivatives depicting cytotoxic potential. 2015 , 92, 236-45	8
917	New approach for natural products screening by real-time monitoring of hemoglobin hydrolysis using quartz crystal microbalance. 2015 , 862, 86-93	10

916	Evaluation of mutagenicity and metabolism-mediated cytotoxicity of the naphthoquinone 5-methoxy-3,4-dehydroxanthomegnin from <i>Paepalanthus latipes</i> . 2015 , 25, 16-21	5
915	Fisetin induces apoptosis in human nonsmall lung cancer cells via a mitochondria-mediated pathway. 2015 , 51, 300-9	39
914	Phylogenetic exploration of commonly used medicinal plants in South Africa. 2015 , 15, 405-13	33
913	Functional augmentation of naturally-derived materials for tissue regeneration. 2015 , 43, 555-67	24
912	A novel caffeoyl triterpene attenuates cerebral ischemic injury with potent anti-inflammatory and hypothermic effects. 2015 , 133, 93-103	7
911	Emergence of Chinese drug discovery research: impact of hit and lead identification. 2015 , 20, 318-29	4
910	The re-emergence of natural products for drug discovery in the genomics era. 2015 , 14, 111-29	1375
909	Marine-Derived Fungal Metabolites. 2015 , 759-788	7
908	An enzymatic protocol for absolute quantification of analogues: application to specific protopanaxadiol-type ginsenosides. 2015 , 17, 2580-2586	10
907	Laxa isolated from Antarctica is a new source of the antifungal metabolite amphotericin B. 2015 , 2, 1	20
906	Targeting metabolic disorders by natural products. 2015 , 14, 57	58
905	Antiallodynic and antihyperalgesic effects of zerumbone on a mouse model of chronic constriction injury-induced neuropathic pain. 2015 , 105, 215-21	21
904	Pterin-Dependent Mono-oxidation for the Microbial Synthesis of a Modified Monoterpene Indole Alkaloid. 2015 , 4, 1295-307	18
903	Triple aldose reductase/ β -glucosidase/radical scavenging high-resolution profiling combined with high-performance liquid chromatography-high-resolution mass spectrometry-solid-phase extraction-nuclear magnetic resonance spectroscopy for identification of antidiabetic constituents in crude extract of <i>Radix Scutellariae</i> . 2015 , 1400, 125-32	38
902	Chemography of natural product space. 2015 , 81, 429-35	23
901	Anchor-based classification and type-C inhibitors for tyrosine kinases. 2015 , 5, 10938	9
900	<i>Symphonia globulifera</i> , a widespread source of complex metabolites with potent biological activities. 2015 , 81, 95-107	10
899	Cheminformatic comparison of approved drugs from natural product versus synthetic origins. 2015 , 25, 4802-4807	88

898	Ethylacetate extract of red onion (<i>Allium cepa</i> L.) tunic affects hemodynamic parameters in rats. 2015 , 4, 115-122	10
897	Lipid nanocarriers based on natural oils with high activity against oxygen free radicals and tumor cell proliferation. 2015 , 56, 88-94	27
896	Synthesis of Strained 1,3-Diene Macrocycles via Copper-Mediated Castro-Stephens Coupling/Alkyne Reduction Tandem Reactions. 2015 , 17, 3902-5	13
895	Prediction of Anti-inflammatory Plants and Discovery of Their Biomarkers by Machine Learning Algorithms and Metabolomic Studies. 2015 , 81, 450-8	33
894	Identification and bioactivity of compounds from the fungus <i>Penicillium</i> sp. CYE-87 isolated from a marine tunicate. 2015 , 13, 1698-709	33
893	Barley sprout extract containing policosanols and polyphenols regulate AMPK, SREBP2 and ACAT2 activity and cholesterol and glucose metabolism in vitro and in vivo. 2015 , 72, 174-183	21
892	The purchasable chemical space: a detailed picture. 2015 , 55, 915-24	32
891	Isolation and structural elements of a water-soluble free radical scavenger from <i>Nyctanthes arbor-tristis</i> leaves. 2015 , 115, 20-6	4
890	Effect of the coffee ingredient cafestol on head and neck squamous cell carcinoma cell lines. 2015 , 191, 511-7	13
889	Extracting the Benefit of Nexrutine for Cancer Prevention. 2015 , 1, 365-372	10
888	Ligustrazinyl amides: a novel class of ligustrazine-phenolic acid derivatives with neuroprotective effects. 2015 , 9, 9	11
887	Drug Discovery and Ayurveda. 2015 , 229-258	2
886	In vivo antitrypanosomal activity of <i>Garcinia hombroniana</i> aqueous extract. 2015 , 100, 226-31	2
885	Open-access metabolomics databases for natural product research: present capabilities and future potential. 2015 , 3, 22	89
884	Design and synthesis of analogues of natural products. 2015 , 13, 5302-43	108
883	Advances in the discovery of novel antimicrobials targeting the assembly of bacterial cell division protein FtsZ. 2015 , 95, 1-15	51
882	Development of a standardized and effect-optimized herbal extract of <i>Wedelia chinensis</i> for prostate cancer. 2015 , 22, 406-14	13
881	Discovery and Development of Lead Compounds from Natural Sources Using Computational Approaches. 2015 , 455-475	8

880	Merging allosteric and active site binding motifs: de novo generation of target selectivity and potency via natural-product-derived fragments. 2015 , 10, 451-4	31
879	Chemical assay-guided natural product isolation solid-supported chemodosimetric fluorescent probe. 2015 , 6, 2806-2811	21
878	Design, Synthesis, and Biological Activity of Sulfonamide Analogues of Antofine and Cryptopleurine as Potent and Orally Active Antitumor Agents. 2015 , 58, 7749-62	45
877	Synthesis of P-, S-, Si-, B-, and Se-Heterocycles via Ring-Closing Metathesis. 2015 , 319-379	3
876	Defining Key Structural Determinants for the Pro-osteogenic Activity of Flavonoids. 2015 , 78, 2598-608	5
875	Exploring new pharmacology and toxicological screening and safety evaluation of one widely used formulation of Nidrakar Bati from South Asia region. 2015 , 15, 121	7
874	A novel coumarin derivative, 8-methoxy chromen-2-one alleviates collagen induced arthritis by down regulating nitric oxide, NFB and proinflammatory cytokines. 2015 , 29, 891-900	16
873	Scaffold and cell line based approaches for QSAR studies on anticancer agents. 2015 , 5, 84810-84820	8
872	Anti-infective Natural Products from Cyanobacteria. 2015 , 81, 1309-25	40
871	The physicochemical properties of geraniin, a potential antihyperglycemic agent. 2015 , 53, 1719-26	15
870	A novel stereo bioactive metabolite isolated from an endophytic fungus induces caspase dependent apoptosis and STAT-3 inhibition in human leukemia cells. 2015 , 765, 75-85	14
869	Progress in the development of fatty acid synthase inhibitors as anticancer targets. 2015 , 25, 4363-9	59
868	Synthesis, cytotoxicity and inhibition of NO production of ivangustin enantiomer analogues. 2015 , 102, 256-65	9
867	Nutraceuticals in lipid-lowering treatment: a narrative review on the role of chitosan. 2015 , 66, 416-21	29
866	The pharmaceutical industry and natural products: historical status and new trends. 2015 , 14, 299-315	259
865	Molecular modeling of plant metabolites with anti-Onchocerca activity. 2015 , 24, 2127-2141	2
864	Isolation, structural assignment and synthesis of (SE)-2-methyloctyl 3-(4-methoxyphenyl) propenoate from the marine soft coral Sarcophyton ehrenbergi. 2015 , 29, 70-6	12
863	Discovery, optimization, and pharmacophore modeling of oleanolic acid and analogues as breast cancer cell migration and invasion inhibitors through targeting Brk/Paxillin/Rac1 axis. 2015 , 85, 231-43	22

862	In silico physico-chemical evaluation, anti-inflammatory and mcf-7 breast cancer cell line growth inhibition effects of trolline isolated from <i>Mirabilis jalapa</i> . 2016 , 10, 783-789	1
861	Natural Triterpenoids for the Treatment of Diabetes Mellitus: A Review. 2016 , 11, 1934578X1601101	6
860	Virtual screening of natural compounds as inhibitors of EGFR 696-1022 T790M associated with non-small cell lung cancer. 2016 , 12, 311-317	8
859	Antimicrobial activity of several Brazilian medicinal plants against phytopathogenic bacteria. 2016 , 10, 578-583	2
858	Marine Natural Products in Fighting Microbial Infections. 2016 , 351-375	
857	Axonal Transport and Neurodegeneration: How Marine Drugs Can Be Used for the Development of Therapeutics. 2016 , 14,	9
856	Preliminary assessment of free radical scavenging, thrombolytic and membrane stabilizing capabilities of organic fractions of <i>Callistemon citrinus</i> (Curtis.) skeels leaves. 2016 , 16, 247	8
855	Medicinal Mushrooms with Anti-Phytopathogenic and Insecticidal Properties. 2016 , 137-153	7
854	Synthesis, Biological Activity, and Apoptotic Properties of NO-Donor/Enmein-Type ent-Kauranoid Hybrids. 2016 , 17,	13
853	Approaches, Challenges and Prospects of Antimalarial Drug Discovery from Plant Sources. 2016 ,	1
852	Cytotoxic and Pro-apoptotic Activities of Sesquiterpene Lactones from <i>Inula Britannica</i> . 2016 , 11, 1934578X1601100	
851	Myricetin is a novel inhibitor of human inosine 5'-monophosphate dehydrogenase with anti-leukemia activity. 2016 , 477, 915-922	14
850	Lead Generation Based on Compound Collection Screening. 2016 , 93-132	0
849	Structural and Functional Diversities of the Hexadecahydro-1H-cyclopenta[a]phenanthrene Framework, a Ubiquitous Scaffold in Steroidal Hormones. 2016 , 35, 145-57	8
848	Mass spectrometric approaches for the identification of anthracycline analogs produced by actinobacteria. 2016 , 51, 437-45	7
847	Herbal Remedy for Lymphatic Malformations: Will This Join Our Treatment Armamentarium?. 2016 , 33, 234-5	1
846	Quinone derivatives isolated from the endolichenic fungus <i>Phialocephala fortinii</i> are Mdr1 modulators that combat azole resistance in <i>Candida albicans</i> . 2016 , 6, 33687	22
845	10-Boronic acid substituted camptothecin as prodrug of SN-38. 2016 , 116, 84-89	40

844	Synthesis and Evaluation of a 2,11-Cembranoid-Inspired Library. 2016 , 22, 5657-64	10
843	Chinese herb medicine against Sortase A catalyzed transformations, a key role in gram-positive bacterial infection progress. 2016 , 31, 184-196	10
842	Antitumor drug effect of betulinic acid mediated by polyethylene glycol modified liposomes. 2016 , 64, 124-132	38
841	Cholinesterase inhibitory activity and structure elucidation of a new phytol derivative and a new cinnamic acid ester from <i>Pycnanthus angolensis</i> . 2016 , 26, 433-437	9
840	Drugs from nature targeting inflammation (DNTI): a successful Austrian interdisciplinary network project. 2016 , 147, 479-491	15
839	Anthocyanins and Human Health: Biomolecular and therapeutic aspects. 2016 ,	20
838	3-Epihydroxy lup-20(29)-en-19(28)-olide: partial synthesis, antitopoisomerase activity, and 3D molecular docking. 2016 , 25, 1087-1095	5
837	Natural products for treatment of bone erosive diseases: The effects and mechanisms on inhibiting osteoclastogenesis and bone resorption. 2016 , 36, 118-131	73
836	Counting on natural products for drug design. 2016 , 8, 531-41	592
835	Medicinal Bioprospecting of the Amazon Rainforest: A Modern Eldorado?. 2016 , 34, 781-790	21
834	Antileishmanial, antioxidant, and cytotoxic activities of <i>Quercus infectoria</i> Olivier extract. 2016 , 82, 208-15	39
833	Dual substrate-controlled kinase activity leads to polyphosphorylated lasso peptides. 2016 , 590, 3323-3334	14
832	Microwave-Assisted Organocatalytic Intramolecular Knoevenagel/Hetero Diels-Alder Reaction with O-(Arylpropynyloxy)-Salicylaldehydes: Synthesis of Polycyclic Embelin Derivatives. 2016 , 81, 9738-9756	26
831	Advances in venomics. 2016 , 12, 3530-3543	32
830	Diosmetin induces apoptosis by upregulating p53 via the TGF- β signal pathway in HepG2 hepatoma cells. 2016 , 14, 159-64	17
829	Essential Oils for the Prevention and Treatment of Human Opportunistic Fungal Diseases. 2016 , 247-277	3
828	Coagulin-L ameliorates TLR4 induced oxidative damage and immune response by regulating mitochondria and NOX-derived ROS. 2016 , 309, 87-100	15
827	Potent Anti-inflammatory and Analgesic Actions of the Chloroform Extract of <i>Dendropanax morbifera</i> Mediated by the Nrf2/HO-1 Pathway. 2016 , 39, 728-36	29

826	Integration of Multiple Analytical and Computational Tools for the Discovery of High-Potency Enzyme Inhibitors from Herbal Medicines. 2016 , 11, 2588-2597	9
825	Micheliolide inhibits LPS-induced inflammatory response and protects mice from LPS challenge. 2016 , 6, 23240	77
824	5-Acetyl goniotalamin suppresses proliferation of breast cancer cells via Wnt/ β -catenin signaling. 2016 , 791, 455-464	14
823	A novel cell cycle blocker extracted from <i>Stellera chamaejasme</i> L. inhibits the proliferation of hepatocarcinoma cells. 2016 , 35, 3480-8	4
822	Plant-Derived Natural Products for Parkinson's Disease Therapy. 2016 , 12, 415-96	17
821	An Improved Synthesis of Natural Product Inspired Chromenopyrrolizines and Chromenoindolizines Scaffolds: Rapid Access to the Diverse Pyrrolizine Analogs of Aza-Medicarpin and Tetracyclic Isolamellarin Core through a General Base and Metal Free Strategy. 2016 , 89, 1331-1340	6
820	Advanced research technology for discovery of new effective compounds from Chinese herbal medicine and their molecular targets. 2016 , 111, 546-555	17
819	Predicting the Presence of Uncommon Elements in Unknown Biomolecules from Isotope Patterns. 2016 , 88, 7556-66	22
818	Profiling of Flavonol Derivatives for the Development of Antitrypanosomatidic Drugs. 2016 , 59, 7598-616	30
817	Rh-Catalyzed, Regioselective, C-H Bond Functionalization: Access to Quinoline-Branched Amines and Dimers. 2016 , 18, 5620-5623	77
816	A chemical family-based strategy for uncovering hidden bioactive molecules and multicomponent interactions in herbal medicines. 2016 , 6, 23840	20
815	Biogeochemistry and Geographical Ecology: Embracing All Twenty-Five Elements Required to Build Organisms. 2016 , 188 Suppl 1, S62-73	85
814	Engineering biosynthesis of the anticancer alkaloid noscapine in yeast. 2016 , 7, 12137	95
813	Pharmacokinetics of Phytopharmaceuticals: A Peek into Contingencies and Impediments in Herbal Drug Development. 2016 , 297-308	1
812	Identification of a ligand for tumor necrosis factor receptor from Chinese herbs by combination of surface plasmon resonance biosensor and UPLC-MS. 2016 , 408, 5359-67	23
811	Improving combination antiretroviral therapy by targeting HIV-1 gene transcription. 2016 , 20, 1311-1324	12
810	Inclusion of terpenes in cyclodextrins: Preparation, characterization and pharmacological approaches. 2016 , 151, 965-987	96
809	Stereoselective Synthesis of Alkylidene Phthalides. 2016 , 18, 3086-9	7

808	Health-promoting and disease-preventive potential of <i>Trianthema portulacastrum</i> Linn. (Gadabani) -An Indian medicinal and dietary plant. 2016 , 14, 84-99	15
807	Diet and Herbal-Derived Medicines. 2016 , 1-19	1
806	Cyclopiazonic acid, an inhibitor of calcium-dependent ATPases with antiviral activity against human respiratory syncytial virus. 2016 , 132, 38-45	17
805	Discovery, Synthesis, and Functional Characterization of a Novel Neuroprotective Natural Product from the Fruit of <i>Alpinia oxyphylla</i> for use in Parkinson's Disease Through LC/MS-Based Multivariate Data Analysis-Guided Fractionation. 2016 , 15, 2595-606	29
804	Electrochemical assessment of inhibitive behavior of some antibacterial drugs on 316 stainless steel in acidic medium. 2016 , 52, 562-573	3
803	A strategy for screening active lead compounds and functional compound combinations from herbal medicines based on pharmacophore filtering and knockout/knockin chromatography. 2016 , 1456, 176-86	23
802	A new semisynthetic 1-O-acetyl-6-O-lauroylbritannilactone induces apoptosis of human laryngocarcinoma cells through p53-dependent pathway. 2016 , 35, 112-20	10
801	Microbial Factories for the Production of Benzylisoquinoline Alkaloids. 2016 , 34, 228-241	48
800	Fisetin induces apoptosis and endoplasmic reticulum stress in human non-small cell lung cancer through inhibition of the MAPK signaling pathway. 2016 , 37, 9615-24	39
799	Antiviral activity of <i>Myracrodruon urundeuva</i> against rotavirus. 2016 , 26, 197-202	10
798	Chrysin-piperazine conjugates as antioxidant and anticancer agents. 2016 , 88, 166-77	26
797	Two new asterriquinols from <i>Aspergillus</i> sp. CBS-P-2 with anti-inflammatory activity. 2016 , 18, 737-43	7
796	Bioprospecting plant-associated microbiomes. 2016 , 235, 171-80	40
795	Natural Product Inspired N-Terminal Hsp90 Inhibitors: From Bench to Bedside?. 2016 , 36, 92-118	69
794	Genetic regulation and manipulation for natural product discovery. 2016 , 100, 2953-65	7
793	Discovery of active components in herbs using chromatographic separation coupled with online bioassay. 2016 , 1021, 81-90	20
792	A data mining approach to selecting herbs with similar efficacy: Targeted selection methods based on medical subject headings (MeSH). 2016 , 182, 27-34	9
791	<i>Saccharomyces cerevisiae</i> as a tool for mining, studying and engineering fungal polyketide synthases. 2016 , 89, 52-61	35

- 790 Synthesis, characterization, and antitumor evaluation of 4-aminoximidofurazan derivatives. **2016**, 191, 1000-1008 8
- 789 Pambanolides AII from the South Indian soft coral *Sinularia inelegans*. **2016**, 72, 1933-1940 16
- 788 Natural product derived immune-regulatory agents. **2016**, 37, 5-15 9
- 787 The anticancer potential of steroidal saponin, dioscin, isolated from wild yam (*Dioscorea villosa*) root extract in invasive human breast cancer cell line MDA-MB-231 in vitro. **2016**, 591, 98-110 42
- 786 Synthesis of (R)-agathic acid and (R)-copalic acid from andrographolide via a regioselective Barton-McCombie reaction. **2016**, 72, 555-562 6
- 785 Medicinal plants used in Mexican traditional medicine for the treatment of colorectal cancer. **2016**, 179, 391-402 37
- 784 Molecular Dynamics: New Frontier in Personalized Medicine. **2016**, 102, 181-224 76
- 783 A novel quinazolinone chalcone derivative induces mitochondrial dependent apoptosis and inhibits PI3K/Akt/mTOR signaling pathway in human colon cancer HCT-116 cells. **2016**, 87, 1-11 42
- 782 Healing with animals in a semiarid northeastern area of Brazil. **2016**, 18, 1733-1747 9
- 781 Assessment of biological activity and UPLC-MS based chromatographic profiling of ethanolic extract of *Ochradenus arabicus*. **2016**, 23, 229-36 3
- 780 Impact of temperature on the biosynthesis of cytotoxically active carbamidocyclophanes AB in *Nostoc* sp. CAVN10. **2016**, 28, 951-963 3
- 779 Antimicrobial activity of *Alcaligenes* sp. HPC 1271 against multidrug resistant bacteria. **2016**, 16, 57-65 14
- 778 Synthesis, antioxidant and anticancer screenings of berberine-indole conjugates. **2016**, 42, 3241-3256 12
- 777 Use of *Cymbopogon citratus* essential oil in food preservation: Recent advances and future perspectives. **2017**, 57, 2541-2559 22
- 776 Management of diabetic complications through fruit flavonoids as a natural remedy. **2017**, 57, 1411-1422 28
- 775 A review of the ethnomedicinal uses, phytochemistry and pharmacology of the *Pleiocarpa* genus. **2017**, 16, 97-115 8
- 774 Evaluation of the biological potencies of newly synthesized berberine derivatives bearing benzothiazole moieties with substituted functionalities. **2017**, 21, 210-219 16
- 773 Marine microorganisms as a promising and sustainable source of bioactive molecules. **2017**, 128, 58-69 106

772	Role of traditional Islamic and Arabic plants in cancer therapy. 2017 , 7, 195-204	37
771	Physicochemical characterization of leaf extracts from <i>Ocotea lancifolia</i> and its effect against wood-rot fungi. 2017 , 117, 158-170	10
770	New tuberculosis drug leads from naturally occurring compounds. 2017 , 56, 212-220	56
769	Paradigm shift in natural product research: traditional medicine inspired approaches. 2017 , 16, 803-826	17
768	Antiproliferative Activity of Natural Taiwanquinoids and Related Compounds. 2017 , 80, 308-318	9
767	Ligand binding to telomeric G-quadruplex DNA investigated by funnel-metadynamics simulations. 2017 , 114, E2136-E2145	74
766	Sensitive quantification of coixol, a potent insulin secretagogue, in <i>Scoparia dulcis</i> extract using high-performance liquid chromatography combined with tandem mass spectrometry and UV detection. 2017 , 31, e3964	0
765	Antidiabetic and anti-hypercholesterolemic effects of flavonoid-rich fractions of <i>Rosmarinus officinalis</i> in streptozotocin-induced diabetes in mice. 2017 , 1	1
764	Cryptoporic acid E from <i>Cryptoporus volvatus</i> inhibits influenza virus replication in vitro. 2017 , 143, 106-112	7
763	Micheliolide provides protection of mice against <i>Staphylococcus aureus</i> and MRSA infection by down-regulating inflammatory response. 2017 , 7, 41964	30
762	Endophyte bioprospecting in South Asian medicinal plants: an attractive resource for biopharmaceuticals. 2017 , 101, 1831-1844	21
761	Viability-reducing activity of <i>Coryllus avellana</i> L. extracts against human cancer cell lines. 2017 , 89, 565-572	10
760	Nanoscience in Food and Agriculture 4. 2017 ,	5
759	Transformation of Natural Products into Synthetic Copolymers. 2017 , 247-262	
758	Marine-Derived Anti-Alzheimer's Agents of Promise. 2017 , 153-184	4
757	Quebrachitol: Global Status and Basic Research. 2017 , 7, 113-122	4
756	Characterization of three small molecule inhibitors of enterovirus 71 identified from screening of a library of natural products. 2017 , 143, 85-96	20
755	Anti-diabetes and Anti-obesity Medicinal Plants and Phytochemicals. 2017 ,	17

754	Antiparasitic Sesquiterpenes from the Cameroonian Spice <i>Scleria striatinux</i> and Preliminary In Vitro and In Silico DMPK Assessment. 2017 , 7, 235-247	3
753	Rapid discovery of cyclopamine analogs from <i>Fritillaria</i> and <i>Veratrum</i> plants using LC-Q-TOF-MS and LC-QqQ-MS. 2017 , 142, 201-209	12
752	The Antibiotic Resistant Target Seeker (ARTS), an exploration engine for antibiotic cluster prioritization and novel drug target discovery. 2017 , 45, W42-W48	96
751	A novel chalcone derivative, LQFM064, induces breast cancer cells death via p53, p21, KIT and PDGFRA. 2017 , 107, 1-15	11
750	Introduction to Medicinal Plant Safety and Efficacy. 2017 , 21-55	2
749	Identification of a novel chalcone derivative that inhibits Notch signaling in T-cell acute lymphoblastic leukemia. 2017 , 7, 2213	34
748	Solasodine-3-O- β -D-glucopyranoside kills <i>Candida albicans</i> by disrupting the intracellular vacuole. 2017 , 106, 139-146	14
747	WITHDRAWN: The anti-growth and anti-metastasis effects of Schisandrin B on hepatocarcinoma cells in vitro and in vivo. 2017 ,	2
746	Synthesis and synergistic antifungal effects of monoketone derivatives of curcumin against fluconazole-resistant spp. 2017 , 8, 1093-1102	15
745	Synthesis and biological evaluation of hypoxia-activated prodrugs of SN-38. 2017 , 132, 135-141	20
744	Anti-tubercular drug discovery: in silico implications and challenges. 2017 , 104, 1-15	4
743	Bioactivities of <i>Achillea phrygia</i> and <i>Bupleurum croceum</i> based on the composition of phenolic compounds: In vitro and in silico approaches. 2017 , 107, 597-608	16
742	Overcoming the exacerbating effects of ranitidine on NSAID-induced small intestinal toxicity with quercetin: Providing a complete GI solution. 2017 , 272, 53-64	16
741	Design and development of some thiazole-based flavanoids as novel antibacterial against pathogens causing surgical site infection for possible benefit in bone trauma via inhibition of DNA gyrase. 2017 , 90, 778-790	4
740	Plant Toxins. 2017 ,	0
739	Proteinaceous Plant Toxins with Antimicrobial and Antitumor Activities. 2017 , 401-414	
738	The structural modification of natural products for novel drug discovery. 2017 , 12, 121-140	109
737	Emerging biopharmaceuticals from bioactive peptides derived from marine organisms. 2017 , 90, 12-30	24

736	Recent progress on curcumin-based therapeutics: a patent review (2012-2016). Part I: Curcumin. 2017 , 27, 579-590	23
735	Network pharmacology-based virtual screening of natural products from <i>Clerodendrum</i> species for identification of novel anti-cancer therapeutics. 2017 , 13, 406-416	29
734	Evaluation of antibacterial, antioxidant and nootropic activities of <i>Tiliacora racemosa</i> Colebr. leaves: In vitro and in vivo approach. 2017 , 86, 662-668	2
733	Inhibition of IKK β by celastrol and its analogues - an in silico and in vitro approach. 2017 , 55, 368-373	18
732	Using reverse docking to identify potential targets for ginsenosides. 2017 , 41, 534-539	21
731	Sappanone A inhibits RANKL-induced osteoclastogenesis in BMMs and prevents inflammation-mediated bone loss. 2017 , 52, 230-237	21
730	Harnessing the potential of natural products in drug discovery from a cheminformatics vantage point. 2017 , 15, 9275-9282	22
729	A diversity oriented synthesis of natural product inspired molecular libraries. 2017 , 15, 9108-9120	10
728	Progressing neurobiological strategies against proteostasis failure: Challenges in neurodegeneration. 2017 , 159, 1-38	21
727	Chemical constituents from the genus <i>Saussurea</i> and their biological activities. 2017 , 23,	11
726	Natural Products as Enzyme Inhibitors. 2017 , 1-18	2
725	Drug design based on pentaerythritol tetranitrate reductase: synthesis and antibacterial activity of Pogostone derivatives. 2017 , 15, 6548-6556	5
724	Click chemistry-based synthesis and anticancer activity evaluation of novel C-14 1,2,3-triazole dehydroabiestic acid hybrids. 2017 , 138, 1042-1052	26
723	Rapid identification of α -glucosidase inhibitors from <i>Dioscorea opposita</i> Thunb peel extract by enzyme functionalized FeO magnetic nanoparticles coupled with HPLC-MS/MS. 2017 , 8, 3219-3227	30
722	Approaches for discovering novel bioactive small molecules targeting autophagy. 2017 , 12, 909-923	8
721	Antiacetylcholinesterase activity and docking studies with chlorogenic acid, cynarin and arzanol from <i>Helichrysum stoechas</i> (Lamiaceae). 2017 , 26, 2942-2950	14
720	Antimicrobial synergism and cytotoxic properties of <i>Citrus limon</i> L., <i>Piper nigrum</i> L. and <i>Melaleuca alternifolia</i> (Maiden and Betche) Cheel essential oils. 2017 , 69, 1606-1614	19
719	Nanoprecipitation process: From encapsulation to drug delivery. 2017 , 532, 66-81	248

718	PDTCM: a systems pharmacology platform of traditional Chinese medicine for psoriasis. 2017 , 49, 652-660	14
717	Comparative transcriptomics as a guide to natural product discovery and biosynthetic gene cluster functionality. 2017 , 114, E11121-E11130	70
716	References. 418-435	
715	Sweritranslactones A-C: Unusual Skeleton Secoiridoid Dimers via [4+ 2] Cycloaddition from Swertiamarin. 2017 , 82, 13263-13267	1
714	Field sampling marine plankton for biodiscovery. 2017 , 7, 15863	5
713	Identification of a diverse synthetic abietane diterpenoid library and insight into the structure-activity relationships for antibacterial activity. 2017 , 27, 5382-5386	25
712	Ursolic acid derivatives for pharmaceutical use: a patent review (2012-2016). 2017 , 27, 1061-1072	70
711	A framework for the targeted selection of herbs with similar efficacy by exploiting drug repositioning technique and curated biomedical knowledge. 2017 , 208, 117-128	2
710	Synthesis and Biological Evaluation of Paclitaxel and Camptothecin Prodrugs on the Basis of 2-Nitroimidazole. 2017 , 8, 762-765	9
709	A NMR method for relative stereochemical assignments of the tricyclic core of cephalosporolides, penisporolides and related synthetic analogues. 2017 , 4, 140-146	5
708	Synthesis and Characterization of Syzygium cumini Nanoparticles for Its Protective Potential in High Glucose-Induced Cardiac Stress: a Green Approach. 2017 , 181, 1140-1154	18
707	Biophysical characterization of the interaction between M2-1 protein of hRSV and quercetin. 2017 , 95, 63-71	6
706	Cognate and cognitive ecopharmacognosy In an anthropogenic era. 2017 , 20, 540-549	13
705	Network Pharmacology. 2017 , 127-164	14
704	Effect of methanol extract of Trigonella foenum-graecum L. seeds on anxiety, sedation and motor coordination. 2017 , 32, 343-349	8
703	MPD3: a useful medicinal plants database for drug designing. 2017 , 31, 1228-1236	42
702	Synthesis of Heterocycles by Metathesis Reactions. 2017 ,	3
701	African Plants with Antiproliferative Properties. 2017 ,	0

700	Antiproliferative and Apoptosis Inducing Effect of Bulb Extract on Breast, Cervical, and Liver Cancer Cells. 2017 , 8, 5	41
699	Natural Chemotherapeutic Agents for Cancer. 2017 , 99-126	1
698	Green Synthesis and Characterization of Palladium Nanoparticles Using <i>Origanum vulgare</i> L. Extract and Their Catalytic Activity. 2017 , 22,	67
697	Antiplasmodial Activity, Cytotoxicity and Structure-Activity Relationship Study of Cyclopeptide Alkaloids. 2017 , 22,	17
696	Synthesis and Antibacterial Evaluation of Novel 3-Substituted Ocotillol-Type Derivatives as Leads. 2017 , 22,	16
695	Highly Stereoselective Synthesis of a Compound Collection Based on the Bicyclic Scaffolds of Natural Products. 2017 , 22,	7
694	Deoxyelephantopin and Isodeoxyelephantopin as Potential Anticancer Agents with Effects on Multiple Signaling Pathways. 2017 , 22,	17
693	Relationship between Antioxidant and Anticancer Activity of Trihydroxyflavones. 2017 , 22,	65
692	Diversity of the Mountain Flora of Central Asia with Emphasis on Alkaloid-Producing Plants. 2017 , 9, 11	5
691	Natural Anticancer Compounds and Their Derivatives in Clinical Trials. 2017 , 51-104	3
690	Plants-Derived Neuroprotective Agents: Cutting the Cycle of Cell Death through Multiple Mechanisms. 2017 , 2017, 3574012	35
689	Immunomodulatory Effects of Taiwanese Species on Th1 and Th2 Functionality. 2017 , 2017, 3529859	2
688	Anticancer Plants: Clinical Trials and Nanotechnology. 2017 ,	1
687	Exploring Alternative Use of Medicinal Plants for Sustainable Weed Management. 2017 , 9, 1468	9
686	Extracting Bioactive Compounds From Natural Sources Using Green High-Energy Approaches: Trends and Opportunities in Lab- and Large-Scale Applications. 2017 , 307-365	5
685	High-throughput detection of antioxidants in mulberry fruit using correlations between high-resolution mass and activity profiles of chromatographic fractions. 2017 , 13, 108	8
684	Potential Anticancer Activity of Tocotrienols. 2017 , 06,	
683	Role of Cytochrome P450 Polymorphisms on Breast Cancer Treatment. 2017 , 06,	

- 682 Addressing Facts and Gaps in the Phenolics Chemistry of Winery By-Products. **2017**, 22, 23
- 681 Aquaculture Drugs: Sources, Active Ingredients, Pharmaceutical Preparations and Methods of Administration. **2017**, 08, 15
- 680 Inhibitory effect of puerarin on proliferation of retinoblastoma cells: An in-vitro study. **2017**, 16, 1615
- 679 Conjugate Additions of Amines to Maleimides via Cooperative Catalysis. **2018**, 360, 1719-1725 7
- 678 Synthesis and Cytotoxicity Evaluation of Pentacyclic Triterpene-Phenol Nitrogen Mustard Conjugates. **2018**, 54, 106-111 8
- 677 Natural compounds analysis using liquid and supercritical fluid chromatography hyphenated to mass spectrometry: Evaluation of a new design of atmospheric pressure ionization source. **2018**, 1083, 1-11 16
- 676 Aminocatalytic Privileged Diversity-Oriented Synthesis (ApDOS): An Efficient Strategy to Populate Relevant Chemical Spaces. **2018**, 2018, 1835-1851 7
- 675 Zeolitic imidazolate framework-8 for selective extraction of a highly active anti-oxidant flavonoid from *Caragana Jubata*. **2018**, 1544, 8-15 12
- 674 Jatrophanes as promising multidrug resistance modulators: Advances of structure-activity relationships. **2018**, 127, 138-145 5
- 673 The polypharmacology of natural products. **2018**, 10, 1361-1368 27
- 672 Pharmacokinetic profiling of anticancer phytochemicals using computational approach. **2018**, 29, 559-568 9
- 671 Isolation and evaluation of phytoconstituents from red alga *Acanthophora spicifera* as potential apoptotic agents towards A549 and HeLa cancer cells lines. **2018**, 32, 172-181 6
- 670 Subtractive proteomics revealed plausible drug candidates in the proteome of multi-drug resistant *Corynebacterium diphtheriae*. **2018**, 17, 34-42 5
- 669 A new flavonoid from *Stellera chamaejasme* L., stechamone, alleviated 2,4-dinitrochlorobenzene-induced atopic dermatitis-like skin lesions in a murine model. **2018**, 59, 113-119 10
- 668 Does fenugreek (*Trigonella foenum-graecum*) seed improve inflammation, and oxidative stress in patients with type 2 diabetes mellitus? A parallel group randomized clinical trial. **2018**, 18, 13-17 18
- 667 β -Epoxyngalactones and their glucosides from the twigs of *Podocarpus nagi*: Isolation, structures, and cytotoxic activities. **2018**, 125, 174-183 8
- 666 Synthesis and leishmanicidal activity of eugenol derivatives bearing 1,2,3-triazole functionalities. **2018**, 146, 274-286 33
- 665 The natural product chitosan enhances the anti-tumor activity of natural killer cells by activating dendritic cells. **2018**, 7, e1431085 22

664	Traditional Chinese medicine molecule-assisted chemical synthesis of fluorescent anti-cancer silicon nanoparticles. 2018 , 11, 5629-5641	10
663	Purification, characterization and anti-fatigue activity of polysaccharide fractions from okra (<i>Abelmoschus esculentus</i> (L.) Moench). 2018 , 9, 1088-1101	41
662	Effect-directed analysis via hyphenated high-performance thin-layer chromatography for bioanalytical profiling of sunflower leaves. 2018 , 1533, 213-220	24
661	RA-XII exerts anti-oxidant and anti-inflammatory activities on lipopolysaccharide-induced acute renal injury by suppressing NF- κ B and MAPKs regulated by HO-1/Nrf2 pathway. 2018 , 495, 2317-2323	26
660	Profiling of red pigment produced by sp. JAR6 and its bioactivity. 2018 , 8, 22	14
659	Diversity and antagonistic potential of bacteria isolated from marine grass. 2018 , 8, 48	13
658	Screening of Epidermal Growth Factor Receptor Inhibitors in Natural Products Derived From Extracts of Traditional Chinese Medicines. 2018 , 417-433	
657	Synthesis and biological evaluation of nannocystin analogues toward understanding the binding role of the (2R,3S)-Epoxide in nannocystin A. 2018 , 150, 626-632	13
656	An In Vitro and In Vivo Study of Broad-Range Phosphopantetheinyl Transferases for Heterologous Expression of Cyanobacterial Natural Products. 2018 , 7, 1143-1151	5
655	Spirolactones: Recent Advances in Natural Products, Bioactive Compounds and Synthetic Strategies. 2018 , 25, 917-962	39
654	Application of Combination High-Throughput Phenotypic Screening and Target Identification Methods for the Discovery of Natural Product-Based Combination Drugs. 2018 , 38, 504-524	36
653	Plant-Derived Alkaloids. 2018 , 237-320	7
652	Enriching the biological space of natural products and charting drug metabolites, through real time biotransformation monitoring: The NMR tube bioreactor. 2018 , 1862, 1-8	7
651	Computational Approaches for Therapeutic Application of Natural Products in Alzheimer's Disease. 2018 , 483-511	3
650	Endosymbiotic Bacteria Isolated from Algoa and Kalk Bay, South Africa, as Source of Antimicrobial Compounds. 2018 , 355-364	
649	Harnessing the Properties of Natural Products. 2018 , 58, 451-470	47
648	CONET: a virtual human system-centered platform for drug discovery. 2018 , 12, 1-3	11
647	Next-Generation Plant Metabolic Engineering, Inspired by an Ancient Chinese Irrigation System. 2018 , 11, 47-57	34

- 646 Analysing and Navigating Natural Products Space for Generating Small, Diverse, But Representative Chemical Libraries. **2018**, 13, 1700503 18
- 645 Bovine mastitis: An appraisal of its alternative herbal cure. **2018**, 114, 357-361 40
- 644 Glabralides A **C**, three novel meroterpenoids from *Sarcandra glabra*. **2018**, 74, 341-347 8
- 643 A Preclinical Evaluation of the Antitumor Activities of Edible and Medicinal Mushrooms: A Molecular Insight. **2018**, 17, 200-209 21
- 642 Structural and Functional Studies of the Daunorubicin Priming Ketosynthase DpsC. **2018**, 13, 141-151 12
- 641 Effect of the Pore Structure of an Apatite-Fiber Scaffold on the Differentiation of P19.CL6 Cells into Cardiomyocytes. **2018**, 782, 116-123
- 640 Synthesis and anticancer studies of Michael adducts and Heck arylation products of sesquiterpene lactones, zaluzanin D and zaluzanin C from .. **2018**, 8, 38289-38304 8
- 639 Exploring polypharmacology of some natural products using similarity search target fishing approach. **2018**, 11, 295
- 638 . **2018**, 3
- 637 Desoxyrhapontigenin inhibits RANKL-induced osteoclast formation and prevents inflammation-mediated bone loss. **2018**, 42, 569-578 8
- 636 Flexible docking-based molecular dynamics simulation of natural product compounds and Ebola virus Nucleocapsid (EBOV NP): a computational approach to discover new drug for combating Ebola. **2018**, 19, 419 19
- 635 Licochalcone H induces the apoptosis of human oral squamous cell carcinoma cells via regulation of matrix 3. **2019**, 41, 333-340 11
- 634 The Polyphenolic Compound Apigenin and Applications to Cervical Cancer. **2018**, 163-172
- 633 Corrosion inhibition and adsorption studies by *Pogostemon quadrifolius* methanolic stem extract (PQMSE) on mild steel in 1M HCL. **2018**, 6, 157
- 632 Bioactivities of EF24, a Novel Curcumin Analog: A Review. **2018**, 8, 614 34
- 631 A Data-Driven Approach for Identifying Medicinal Combinations of Natural Products. **2018**, 6, 58106-58118 1
- 630 Medicinal Plants of Tajikistan. **2018**, 163-209 4
- 629 Syntheses of Asymmetrically Substituted Pyrans of Natural Origin. **2018**, 233-307

628	Production of bioactive cyclotides in somatic embryos of <i>Viola odorata</i> . 2018 , 156, 135-141	9
627	Baicalin, the major component of traditional Chinese medicine <i>Scutellaria baicalensis</i> induces colon cancer cell apoptosis through inhibition of oncomiRNAs. 2018 , 8, 14477	51
626	Aurantioside C Targets and Induces Apoptosis in Triple Negative Breast Cancer Cells. 2018 , 16,	12
625	Synergistic anticancer and antibacterial activities of cordycepin and selected natural bioactive compounds. 2018 , 17, 1621	1
624	Alternative Treatment for Leishmaniasis. 2018 ,	3
623	Investigating the potential use of an Antarctic variant of <i>Janthinobacterium lividum</i> for tackling antimicrobial resistance in a One Health approach. 2018 , 8, 15272	13
622	Synthesis of Isoflavone-Anabasine Conjugates. 2018 , 54, 1068-1071	1
621	Benzyne Insertion onto α -Keto Esters of Polycyclic Natural Products: Synthesis of Benzo Octacyclo Scaffolds. 2018 , 20, 7121-7124	6
620	Applying an Ethical Framework to Herbal Medicine. 2018 , 2018, 1903629	7
619	Anti-proliferative Effect of 15,16-Dihydrotanshinone I Through Cell Cycle Arrest and the Regulation of AMP-activated Protein Kinase/Akt/mTOR and Mitogen-activated Protein Kinase Signaling Pathway in Human Hepatocellular Carcinoma Cells. 2018 , 23, 63-69	9
618	Sanggenon C Stimulates Osteoblastic Proliferation and Differentiation, Inhibits Osteoclastic Resorption, and Ameliorates Prednisone-Induced Osteoporosis in Zebrafish Model. 2018 , 23,	10
617	Genetic Improvement of Medicinal and Aromatic Plants Through Haploid and Double Haploid Development. 2018 , 523-556	4
616	Nanodrug delivery system using medicinal plants. 2018 , 357-375	1
615	Raging the War Against Inflammation With Natural Products. 2018 , 9, 976	66
614	Tannins from <i>Terminalia chebula</i> fruits attenuates GABA antagonist-induced anxiety-like behaviour via modulation of neurotransmitters. 2018 , 70, 1662-1674	10
613	A Collaborative European Approach to Accelerating Translational Marine Science. 2018 , 6, 81	7
612	Mesenchymal Stromal Cells Directly Promote Inflammation by Canonical NLRP3 and Non-canonical Caspase-11 Inflammasomes. 2018 , 32, 31-42	9
611	Synthesis and anti-proliferative activity of allogibberic acid derivatives containing 1,2,3-triazole pharmacophore. 2018 , 28, 2543-2549	16

610	SeaBioTech: From Seabed to Test-Bed: Harvesting the Potential of Marine Biodiversity for Industrial Biotechnology. 2018 , 451-504	2
609	Systematic investigation of the Erigeron breviscapus mechanism for treating cerebrovascular disease. 2018 , 224, 429-440	19
608	Ethnobotany and Medicinal Plant Biotechnology: From Tradition to Modern Aspects of Drug Development. 2018 , 84, 834-838	12
607	Designing of enzyme inhibitors based on active site specificity: lessons from methyl gallate and its lipoxygenase inhibitory profile. 2018 , 38, 256-265	3
606	Curcumin: pharmaceutical solids as a platform to improve solubility and bioavailability. 2018 , 20, 3277-3296	50
605	Grand Challenges in Marine Biotechnology. 2018 ,	4
604	Astragalins: A Bioactive Phytochemical with Potential Therapeutic Activities. 2018 , 2018, 9794625	65
603	Editorial: Herbal Medicine on High Impact Disease: The Current Progress and Application. 2017 , 23, 5075-5076	1
602	A systematic approach to identify therapeutic effects of natural products based on human metabolite information. 2018 , 19, 205	2
601	Ethnopharmacology-A Bibliometric Analysis of a Field of Research Meandering Between Medicine and Food Science?. 2018 , 9, 215	38
600	Aqueous Extract of Black Maca Prevents Metabolism Disorder via Regulating the Glycolysis/Gluconeogenesis-TCA Cycle and PPAR α Signaling Activation in Golden Hamsters Fed a High-Fat, High-Fructose Diet. 2018 , 9, 333	6
599	Exploring the potential of marine microbes in clinical management of Alzheimer's disease: A road map for bioprospecting and identifying promising isolates. 2018 , 208, 149-160	4
598	Computational Methodologies in the Exploration of Marine Natural Product Leads. 2018 , 16,	52
597	Studies on antioxidant potential, phytochemical properties and toxicity of four popular medicinal plants of Bangladesh. 2018 , 25, 27-37	
596	Fungal Metabolite Antagonists of Plant Pests and Human Pathogens: Structure-Activity Relationship Studies. 2018 , 23,	16
595	Synthesis and antimetastatic activity evaluation of cinnamic acid derivatives containing 1,2,3-triazolic portions. 2018 , 53, 1-9	10
594	Venomomics: A Mini-Review. 2018 , 7,	26
593	Apoptotic and Anti-Inflammatory Effects of Thunb. in Rheumatoid Arthritis Fibroblast-Like Synoviocytes. 2018 , 2018, 1383697	8

592	Genetic Engineering of Horticultural Crops. 2018 , 23-46	9
591	Rewriting the Metabolic Blueprint: Advances in Pathway Diversification in Microorganisms. 2018 , 9, 155	6
590	Novel natural compounds from endophytic fungi with anticancer activity. 2018 , 156, 316-343	44
589	Venomics-Accelerated Cone Snail Venom Peptide Discovery. 2018 , 19,	24
588	Natural Products for Drug Discovery in the 21st Century: Innovations for Novel Drug Discovery. 2018 , 19,	380
587	Glycyrrhizic acid from licorice down-regulates inflammatory responses blocking MAPK and PI3K/Akt-dependent NF- κ B signalling pathways in TPA-induced skin inflammation. 2018 , 9, 1502-1510	14
586	Antibacterial Mimics of Natural Products by Side-Chain Functionalization of Bicyclic Tetramic Acids. 2018 , 83, 10303-10317	4
585	High-Throughput Screening of Phytochemicals: Application of Computational Methods. 2018 , 165-192	0
584	Metabolomic approach for a rapid identification of natural products with cytotoxic activity against human colorectal cancer cells. 2018 , 8, 5309	26
583	Nests of Baba-leb wasps (<i>Sceliphron</i> sp., Sphecidae) used in traditional medicine by riverine communities of the Jafan and Unini Rivers, Amazon, Brazil: ethnopharmacological, chemical and mineralogical aspects. 2018 , 28, 352-357	6
582	Novel Types of Hypermodified Fluorescent Phyllobilins from Breakdown of Chlorophyll in Senescent Leaves of Grapevine (<i>Vitis vinifera</i>). 2018 , 24, 17268-17279	11
581	Virtual Screening and Biomolecular Interactions of CviR-Based Quorum Sensing Inhibitors Against. 2018 , 8, 292	27
580	Scaffold hopping from natural products to synthetic mimetics by holistic molecular similarity. 2018 , 1,	29
579	Online screening of acetylcholinesterase inhibitors in natural products using monolith-based immobilized capillary enzyme reactors combined with liquid chromatography-mass spectrometry. 2018 , 1563, 135-143	34
578	Hybridized graphene nanomaterials for drug delivery, cyto-compatibility, and electrochemical biosensor application * *Volume VI: Carbon (Nanotube, Fullerene, Graphene) Nanomaterials.. 2018 , 375-411	1
577	Proteasome-mediated proteostasis: Novel medicinal and pharmacological strategies for diseases. 2018 , 38, 1916-1973	17
576	Inhibitory effect of trichodermanone C, a sorbicillinoid produced by associated to the green alga sp., on nitrite production in LPS-stimulated macrophages. 2019 , 33, 3389-3397	20
575	Deguelin inhibits RANKL-induced osteoclastogenesis in vitro and prevents inflammation-mediated bone loss in vivo. 2019 , 234, 2719-2729	9

574	Effects of Hexane Root Extract of Boiss. on Human Breast and Colon Cancer Cells: An and Study. 2019 , 2019, 3079895	8
573	Cyberecoethnopharmacolomics. 2019 , 244, 112134	6
572	FadR1, a pathway-specific activator of fidaxomicin biosynthesis in <i>Actinoplanes deccanensis</i> Yp-1. 2019 , 103, 7583-7596	3
571	Isolation of biologically active compounds from mangrove sediments. 2019 , 411, 6521-6529	1
570	CSTNPD: a database for cancer specific toxic natural products. 2019 , 12, 1-5	1
569	Lichen Secondary Metabolites. 2019 ,	12
568	The Chemistry and Biology of Cyclophostin, the Cyclopostins and Related Compounds. 2019 , 24,	3
567	Synergistic effect of tolfenamic acid and glycyrrhizic acid on TPA-induced skin inflammation in mice. 2019 , 10, 1819-1827	2
566	Antitussive and Anti-inflammatory Dual-active Agents Developed from Natural Product Lead Compound 1-Methylhydantoin. 2019 , 24,	8
565	Oleanolic Acid Derivatives as Potential Inhibitors of HIV-1 Protease. 2019 , 82, 2886-2896	7
564	Triple-Bond Directed Csp ² N Bond Formation with N-Fluorobenzenesulfonimide as Aminating Source: One-Step Transformation of Aldehydes into Amines. 2019 , 25, 16063-16067	6
563	Antithrombotic Effects of Paeoniflorin from by Selective Inhibition on Shear Stress-Induced Platelet Aggregation. 2019 , 20,	8
562	Essential Oil Composition and Biological Activities of <i>Aegle marmelos</i> (L.) Correa Grown in Western Ghats Region-South India. 2019 , 22, 1013-1021	4
561	Bicyclo [6.3.0] Undecane Sesquiterpenoids: Structures, Biological Activities, and Syntheses. 2019 , 24,	4
560	leaf extract ameliorates cognitive impairment in amyloid- β injected Alzheimer's disease-like mouse model. 2019 , 244, 1665-1679	9
559	Stability analysis and adaptive control for nonlinear discrete-time systems with time delays and dead zone via state-feedback technique. 2019 , 33, 1619-1634	
558	Effect of Fatigue and Stress on Air Traffic Control Performance. 2019 ,	1
557	Chemoselective Tagging to Promote Natural Product Discovery. 2019 , 187-206	1

556	An ent-Kaurane Diterpenoid Isolated from <i>Rabdosia excisa</i> Suppresses Bcr-Abl Protein Expression in Vitro and in Vivo and Induces Apoptosis of CML Cells. 2019 , 16, e1900443	2
555	Development of GROMOS-Compatible Parameter Set for Simulations of Chalcones and Flavonoids. 2019 , 123, 994-1008	6
554	Drug-likeness properties of natural compounds. 2019 , 4,	1
553	Diversity, Ecology, and Prevalence of Antimicrobials in Nature. 2019 , 10, 2518	21
552	A general strategy for diversifying complex natural products to polycyclic scaffolds with medium-sized rings. 2019 , 10, 4015	35
551	Colon-specific microspheres loaded with puerarin reduce tumorigenesis and metastasis in colitis-associated colorectal cancer. 2019 , 570, 118644	20
550	Molecular Docking: Shifting Paradigms in Drug Discovery. 2019 , 20,	272
549	Caerulomycins from <i>Actinoalloteichus cyanogriseus</i> WH1-2216-6: isolation, identification and cytotoxicity. 2019 , 6, 3566-3574	7
548	The perceptions of natural compounds against dipeptidyl peptidase 4 in diabetes: from to. 2019 , 10, 2040622319875305	12
547	Anticancer agents from plants. 2019 , 18, 169-191	1
546	Synthesis and Inhibition Evaluation of New Benzyltetrahydroprotoberberine Alkaloids Designed as Acetylcholinesterase Inhibitors. 2019 , 7, 629	8
545	Drug Discovery: A Biodiversity Perspective. 2019 , 249-265	1
544	Isolation of maltol derivatives from and the anti-atopic properties of maltol on skin lesions in DNCB-stimulated mice.. 2019 , 9, 2125-2132	4
543	Macrophage Cytological Profiling and Anti-Inflammatory Drug Discovery. 2019 , 17, 14-16	3
542	Carbonic Anhydrase as Drug Target. 2019 ,	2
541	Rapid profiling of alkaloid analogues in <i>Sinomenii</i> Caulis by an integrated characterization strategy and quantitative analysis. 2019 , 174, 376-385	11
540	Lignin-Based Nanoparticles Stabilized Pickering Emulsion for Stability Improvement and Thermal-Controlled Release of trans-Resveratrol. 2019 , 7, 13497-13504	60
539	KRAS Binders Hidden in Nature. 2019 , 25, 12037-12041	12

538	Assessment of antiherpetic activity of nonsulfated and sulfated polysaccharides from <i>Azadirachta indica</i> . 2019 , 137, 54-61	13
537	Phytochemicals as Sources of Drugs. 2019 , 3-22	4
536	Zebrafish as an Emerging Model for Bioassay-Guided Natural Product Drug Discovery for Neurological Disorders. 2019 , 6,	21
535	Repurposing of ginseng extract as topoisomerase I inhibitor based on the comparative analysis of gene expression patterns. 2019 , 164, 223-227	4
534	Some naturally occurring compounds that increase longevity and stress resistance in model organisms of aging. 2019 , 20, 583-603	11
533	Discovery of naphthacemycins as a novel class of PARP1 inhibitors. 2019 , 29, 1904-1908	7
532	New perspective of drug discovery from herbal medicinal plants: <i>Andrographis paniculata</i> and <i>Bacopa monnieri</i> (terpenoids) and novel target identification against <i>Staphylococcus aureus</i> . 2019 , 124, 188-198	4
531	Historical ethnopharmacology of the herbalists from Krummhölz in the Sudety Mountains (seventeenth to nineteenth century), Silesia. 2019 , 15, 24	7
530	-ethyl ethanethiosulfinate, a derivative of allicin, induces metacaspase-dependent apoptosis through ROS generation in. 2019 , 39,	3
529	Chemically sulfated polysaccharides from natural sources: Assessment of extraction-sulfation efficiencies, structural features and antiviral activities. 2019 , 136, 521-530	25
528	Carbonic Anhydrase Inhibitors with Dual Targeting. 2019 , 163-178	
527	Emerging senolytic agents derived from natural products. 2019 , 181, 1-6	35
526	Design, synthesis, and biological activity evaluation of (-)-6-O-desmethylantofine analogues as potent anti-cancer agents. 2019 , 27, 3070-3081	3
525	Anhydroglucitol-core gallotannins from red maple buds modulate viability of human blood neutrophils. 2019 , 60, 76-86	2
524	Identification of Chinese Herbal Compounds with Potential as JAK3 Inhibitors. 2019 , 2019, 4982062	4
523	Synergistic effects of deuterium depleted water and <i>Mentha longifolia</i> L. essential oils on sepsis-induced liver injuries through regulation of cyclooxygenase-2. 2019 , 57, 125-132	8
522	Identification of embelin, a 3-undecyl-1,4-benzoquinone from <i>Embelia ribes</i> as a multitargeted anti-Alzheimer agent. 2019 , 80, 655-665	14
521	A peptide derived from rice inhibits alveolar bone resorption via suppression of inflammatory cytokine production. 2019 , 90, 1160-1169	4

520	Effect of aloin on viral neuraminidase and hemagglutinin-specific T cell immunity in acute influenza. 2019 , 64, 152904	16
519	Fungal Community for Novel Secondary Metabolites. 2019 , 249-283	4
518	Prescreening of Natural Products in Drug Discovery Using Recombinant Bioluminescent Bacteria. 2019 , 24, 264-271	3
517	Phosphodiesterase-1 inhibitory potential of several natural products by molecular docking approach. 2019 , 30, 356-361	1
516	<i>Streptomyces monashensis</i> sp. nov., a novel mangrove soil actinobacterium from East Malaysia with antioxidative potential. 2019 , 9, 3056	18
515	Repurposing natural products as novel HDAC inhibitors by comparative analysis of gene expression profiles. 2019 , 59, 152900	4
514	Discovery of Small Molecules that Target Vascular Endothelial Growth Factor Receptor-2 Signalling Pathway Employing Molecular Modelling Studies. 2019 , 8,	8
513	Fluorescent silicon nanomaterials: from synthesis to functionalization and application. 2019 , 26, 149-163	35
512	Novel nannocystin A analogues as anticancer therapeutics: Synthesis, biological evaluations and structure-activity relationship studies. 2019 , 170, 99-111	10
511	2,7-Diazabicyclo[2.2.1]heptanes: novel asymmetric access and controlled bridge-opening. 2019 , 55, 4214-4217	1
510	Actinobacteria Isolated From : A Source of New Bioactive Compounds. 2019 , 10, 683	34
509	Synergistic effects of hormone therapy drugs and usnic acid on hormone receptor-positive breast and prostate cancer cells. 2019 , 33, e22338	2
508	Cancer drug development: The missing links. 2019 , 244, 663-689	33
507	Therapeutic effects of <i>Silybum marianum</i> in the treatment of liver fibrosis and cirrhosis. 2019 , 10, 20-25	
506	Informatics and Computational Methods in Natural Product Drug Discovery: A Review and Perspectives. 2019 , 10, 368	45
505	A Systematic Cheminformatics Analysis of Functional Groups Occurring in Natural Products. 2019 , 82, 1258-1263	48
504	Antiproliferative Effects of the Natural Oxadiazine Nocuolin A Are Associated With Impairment of Mitochondrial Oxidative Phosphorylation. 2019 , 9, 224	7
503	Selected Pyrones from the plants <i>Cryptocarya novoguineensis</i> (Lauraceae) and <i>Piper methysticum</i> (Piperaceae) with activity against <i>Haemonchus contortus</i> in vitro. 2019 , 9, 72-79	7

502	Comprehensive mass spectrometry-guided phenotyping of plant specialized metabolites reveals metabolic diversity in the cosmopolitan plant family Rhamnaceae. 2019 , 98, 1134-1144	32
501	Antibacterial and cytotoxic activities of the leaf extract from Malaysia. 2019 , 12, 236-242	5
500	Production of a New Cyclic Depsipeptide by the Culture Broth of sp. Isolated from L. 2019 , 9,	4
499	Application of Biomedical Engineering in Neuroscience. 2019 ,	
498	A Highly Active Triterpene Derivative Capable of Biofilm Damage to Control spp. 2019 , 9,	2
497	Exploring novel secondary metabolites from natural products using pre-processed mass spectral data. 2019 , 9, 17430	3
496	. 2019 ,	3
495	Anti-inflammatory, Analgesic Activity and Toxicity of Two Pelargonium inquinans Ait Essential Oils: Wild and Cultivated. 2019 , 22, 1252-1264	0
494	and Antidiabetic Properties of Phenolic Antioxidants From. 2019 , 6, 177	4
493	Diversity of Streptomyces spp. from mangrove forest of Sarawak (Malaysia) and screening of their antioxidant and cytotoxic activities. 2019 , 9, 15262	15
492	Engineering Saccharomyces cerevisiae for production of simvastatin. 2019 , 51, 1-8	22
491	Multi-target natural products as alternatives against oxidative stress in Chronic Obstructive Pulmonary Disease (COPD). 2019 , 163, 911-931	26
490	Solvate Formation of Bis(demethoxy)curcumin: Crystal Structure Analyses and Stability Investigations. 2019 , 19, 854-867	12
489	Review of Common Alternative Herbal "Remedies" for Skin Cancer. 2019 , 45, 58-67	6
488	Click chemistry-based synthesis and cytotoxic activity evaluation of 4-triazole acetate podophyllotoxin derivatives. 2019 , 93, 473-483	9
487	Valorization of the Salvia officinalis L. of the Morocco bioactive extracts: Phytochemistry, antioxidant activity and corrosion inhibition. 2019 , 31, 322-335	19
486	Synthesis of new betulinic acid/betulin-derived dimers and hybrids with potent antimalarial and antiviral activities. 2019 , 27, 110-115	24
485	Basic principles of drug delivery systems - the case of paclitaxel. 2019 , 263, 95-130	47

484	Therapeutic potential of mistletoe in CNS-related neurological disorders and the chemical composition of <i>Viscum</i> species. 2019 , 231, 241-252	18
483	Adverse drug reactions of anticancer drugs derived from natural sources. 2019 , 123, 522-535	41
482	Nanotechnology: Applications in Energy, Drug and Food. 2019 ,	3
481	Dihydro-agarofurans from the Australian rainforest plant <i>Denhamia celastroides</i> that inhibit leucine transport in prostate cancer cells. 2018 , 57, 101	2
480	A Combination of Linalool, Vitamin C, and Copper Synergistically Triggers Reactive Oxygen Species and DNA Damage and Inhibits subsp. <i>Serovar Typhi</i> and. 2019 , 85,	16
479	Chemical Diversification of Natural Product Extracts. 2019 , 60, 371-398	1
478	Lichens as a Promising Source of Unique and Functional Small Molecules for Human Health and Well-Being. 2019 , 60, 425-458	5
477	Dual-mixed/CMC model for screening target components from traditional Chinese medicines simultaneously acting on EGFR & FGFR4 receptors. 2019 , 192, 248-254	19
476	<i>Stellera chamaejasme</i> and Its Main Compound Luteolin 7-O-Glucoside Alleviates Skin Lesions in Oxazolone- and 2,4-Dinitrochlorobenzene-Stimulated Murine Models of Atopic Dermatitis. 2019 , 85, 583-590	12
475	Identification and evaluation of bioactive natural products as potential inhibitors of human microtubule affinity-regulating kinase 4 (MARK4). 2019 , 37, 1813-1829	77
474	Imines and lactones derived from friedelanes and their cytotoxic activity. 2020 , 34, 810-815	1
473	A review on anti-bacterials to combat resistance: From ancient era of plants and metals to present and future perspectives of green nano technological combinations. 2020 , 15, 42-59	83
472	Exploration of interaction mechanism of tyrosol as a potent anti-inflammatory agent. 2020 , 38, 382-397	18
471	Modelling the binding mode of macrocycles: Docking and conformational sampling. 2020 , 28, 115143	3
470	Nanoharvesting of bioactive materials from living plant cultures using engineered silica nanoparticles. 2020 , 106, 110190	11
469	Fisetin, a phytopolyphenol, targets apoptotic and necroptotic cell death in HepG2 cells. 2020 , 46, 118-135	12
468	Chromatography: An important tool for drug discovery. 2020 , 43, 105-119	12
467	Screening of inhibitors against histone demethylation jumonji domain-containing protein 3 by capillary electrophoresis. 2020 , 1613, 460625	7

466	Online coupling of the Ussing chamber, solid-phase extraction and high-performance liquid chromatography for screening and analysis of active constituents of traditional Chinese medicines. 2020 , 1609, 460480	5
465	The anti-MRSA compound 3-O-alpha-L-(2,3-di-p-coumaroyl)rhamnoside (KCR) inhibits protein synthesis in <i>Staphylococcus aureus</i> . 2020 , 210, 103539	3
464	Dihydrochalcone Derivatives from <i>L. Buds</i> for the Treatment of Psoriasis. 2019 , 21,	10
463	Identification of quality control markers in Suhuang antitussive capsule based on HPLC-PDA fingerprint and anti-inflammatory screening. 2020 , 180, 113053	11
462	Enantioselective Synthesis of Fused Polycyclic Tropanes via Dearomative [3 + 2] Cycloaddition Reactions of 2-Nitrobenzofurans. 2020 , 22, 164-167	29
461	Evaluation of cytogenotoxic potential of <i>Morinda lucida</i> leaf extract on Swiss albino male mice using two bioassays. 2019 , 31,	1
460	Review: Antibacterial components of the Bivalve's immune system and the potential of freshwater bivalves as a source of new antibacterial compounds. 2020 , 98, 971-980	5
459	Biotechnological, biomedical, and agronomical applications of plant protease inhibitors with high stability: A systematic review. 2020 , 292, 110398	21
458	Oxyresveratrol drives caspase-independent apoptosis-like cell death in MDA-MB-231 breast cancer cells through the induction of ROS. 2020 , 173, 113724	14
457	Production, purification and kinetic characterization of glutaminase free anti-leukemic L-asparaginase with low endotoxin level from novel soil isolate. 2020 , 50, 260-271	9
456	Phytochemistry and pharmacological activities of the genus <i>Rhynchosia</i> : a comprehensive review. 2019 , 251, 9	3
455	Molecular Pathways Involved in Promoting Activity of Timosaponin BII on Hair Growth in C57BL/6 Mice. 2020 , 2020, 9451596	0
454	Finding New Molecular Targets of Familiar Natural Products Using In Silico Target Prediction. 2020 , 21,	6
453	Online coupling FeO@ZIF-67@β-glucosidase bioreactor with high performance liquid chromatography for rapid screening of β-glucosidase inhibitors in tea and their inhibitory activity research. 2020 , 1159, 122398	4
452	Aloe extract inhibits porcine epidemic diarrhea virus in vitro and in vivo. 2020 , 249, 108849	8
451	Natural tyrosine kinase inhibitors acting on the epidermal growth factor receptor: Their relevance for cancer therapy. 2020 , 161, 105164	15
450	Molecules from nature: Reconciling biodiversity conservation and global healthcare imperatives for sustainable use of medicinal plants and fungi. 2020 , 2, 463-481	26
449	Discovery, biological evaluation and docking studies of novel N-acyl-2-aminothiazoles fused (+)-nootkatone from <i>Citrus paradisi</i> Macf. as potential β-glucosidase inhibitors. 2020 , 104, 104294	7

448	Stem cells in natural product and medicinal plant drug discovery-An overview of new screening approaches. 2020 , 131, 110730	2
447	Phenethylisoquinoline alkaloids from the leaves of <i>Androcymbium palaestinum</i> . 2020 , 146, 104706	1
446	Cytotoxic effect of selected wild orchids on two different human cancer cell lines. 2020 , 6, e03991	7
445	Targeted Covalent Inhibition of Telomerase. 2020 , 15, 706-717	4
444	Conservation and Utilization of Threatened Medicinal Plants. 2020 ,	2
443	identification and activity of natural products as ADP-ribosyl transferase member 8 inhibitors. 2020 , 12, 1729-1741	2
442	Antioxidant and Anti-Inflammatory Activities of Cytocompatible Extracts: A Comparison between Traditional and Soxhlet Extraction. 2020 , 9,	10
441	Management and Prevention Strategies for Non-communicable Diseases (NCDs) and Their Risk Factors. 2020 , 8, 574111	54
440	Recent improvements in the extraction, cleanup and quantification of bioactive flavonoids. 2020 , 66, 197-223	4
439	Bioactive C-glycosides inspired from natural products towards therapeutics. 2020 , 97-153	1
438	Exploring the physicochemical and antiproliferative properties of biaryl-linked [13]-macrolactones. 2020 , 28, 115671	
437	Advances in Total Synthesis of Some 2,3,5-Trisubstituted Tetrahydrofuran Natural Products. 2020 , 15, 2815-2837	8
436	Chemical space and diversity of seaweed metabolite database (SWMD): A cheminformatics study. 2020 , 100, 107702	4
435	A Novel Cochlioquinone Derivative, CoB1, Regulates Autophagy in Infection through the PAK1/Akt1/mTOR Signaling Pathway. 2020 , 205, 1293-1305	4
434	Uridine natural products: Challenging targets and inspiration for novel small molecule inhibitors. 2020 , 28, 115661	5
433	Crystal Engineering Construction of Caffeic Acid Derivatives with Potential Applications in Pharmaceuticals and Degradable Polymeric Materials. 2020 , 22, 7847-7857	1
432	Rapid Synthesis of a Natural Product-Inspired Uridine Containing Library. 2020 , 22, 600-607	0
431	Neuroprotective Compounds from Marine Microorganisms. 2020 , 1559-1579	

- 430 Emergence of 2,3,5-trisubstituted tetrahydrofuran natural products and their synthesis. **2020**, 18, 7002-7025 4
- 429 Three new acrylic acid derivatives from as potential thymidine phosphorylase inhibitor: molecular docking and MD simulation studies. **2021**, 39, 7138-7149 2
- 428 Catechol-Type Flavonoids from the Branches of *f.* Exert Antioxidant Activity and an Inhibitory Effect on Amyloid- β Aggregation. **2020**, 25, 5
- 427 Discovery of new potential CDK2/VEGFR2 type II inhibitors by fragmentation and virtual screening of natural products. **2021**, 39, 3285-3299 5
- 426 Palantir: a springboard for the analysis of secondary metabolite gene clusters in large-scale genome mining projects. **2020**, 36, 4345-4347 3
- 425 Sustainable Agriculture Reviews 44. **2020**, 1
- 424 Effect of ethanolic extract of *Solanum virginianum* Linn. on neuropathic pain using chronic constriction injury rat model and molecular docking studies. **2020**, 393, 1715-1728 5
- 423 Targeted isolation of two disesquiterpenoid macrocephadiolides A and B from *Ainsliaea macrocephala* using a molecular networking-based dereplication strategy. **2020**, 7, 1481-1489 8
- 422 Evaluation of plant sources for antiinfective lead compound discovery by correlating phylogenetic, spatial, and bioactivity data. **2020**, 117, 12444-12451 8
- 421 Endophytes from *Ginkgo biloba*: the current status. **2020**, 19, 743-759 4
- 420 Advances in catalytic and protecting-group-free total synthesis of natural products: a recent update. **2020**, 56, 8569-8590 5
- 419 Mangiferin Alleviates Ovalbumin-Induced Allergic Rhinitis via Nrf2/HO-1/NF- κ B Signaling Pathways. **2020**, 21, 6
- 418 Antibacterial activity of the structurally novel ocotillol-type lactone and its analogues. **2020**, 144, 104597 3
- 417 WITHDRAWN: Systematics, ecology, and application of Helotiales: Recent progress and future perspectives for research with special emphasis activities within Japan. **2020**, 7
- 416 Bioactive molecules from protists: Perspectives in biotechnology. **2020**, 75, 125720 7
- 415 Securinine suppresses osteoclastogenesis and ameliorates inflammatory bone loss. **2020**, 34, 3029-3040 2
- 414 Synthetic approaches toward small molecule libraries. **2020**, 1-34 1
- 413 Consumption of the Syrian mesquite plant (*Prosopis juliflora*) fruit and seed lyophilized extracts may have both protective and toxic effects in STZ-induced diabetic rats. **2020**, 1-10 2

412	Detecting the Presence of Illicit Drugs Using Biosensors. 2020 , 223-253	2
411	The X-factor: Enhanced α -oxidation on intracellular triacylglycerols enabling overproduction of polyketide drug-like molecules in microorganisms. 2020 , 5, 19-20	1
410	Creating and screening natural product libraries. 2020 , 37, 893-918	35
409	Inhibitory Effects of Decne. Extract on Inflammatory and Oxidative Responses in LPS-Treated Macrophages. 2020 , 25,	6
408	Yicathins B and C and Analogues: Total Synthesis, Lipophilicity and Biological Activities. 2020 , 15, 749-755	8
407	TiCl ₄ -Et ₃ N-mediated one-step synthesis of β -alkylidenebutenolides from ketones: Application to natural product synthesis. 2020 , 57, 2056-2062	2
406	2-Hydroxy-4-methoxybenzaldehyde from is antagonistic to biofilm formation. 2020 , 36, 549-563	5
405	2. Fundamental physical and chemical concepts behind "Drug-likeness" and "Natural product-likeness" 2020 , 55-80	1
404	3. Drug-likeness" properties of natural compounds. 2020 , 81-102	
403	A site-moiety map and virtual screening approach for discovery of novel 5-LOX inhibitors. 2020 , 10, 10510	4
402	Apoptotic events induced by a natural plastoquinone from the marine alga <i>Desmarestia menziesii</i> in lymphoid neoplasms. 2020 , 86, 67-77.e2	4
401	Droplet-based continuous flow synthesis of biologically active Bis(indolyl)methanes and Tris(indolyl)methanes. 2020 , 61, 152178	3
400	Natural-like products as potential SARS-CoV-2 M inhibitors: drug discovery. 2021 , 39, 5722-5734	37
399	Curcumin-1,2,3-Triazole Conjugation for Targeting the Cancer Apoptosis Machinery. 2020 , 25,	7
398	An Alternative Approach to the Hydrated Imidazoline Ring Expansion (HIRE) of Diarene-Fused [1.4]Oxazepines. 2020 , 2020, 5664-5676	5
397	Natural products targeting FcRI receptor for anti-allergic therapeutics. 2020 , 44, e13335	3
396	Expired metformin drug as green corrosion inhibitor for simulated oil/gas well acidizing environment. 2020 , 315, 113716	33
395	Proteome interrogation using gold nanoprobe to identify targets of arctigenin in fish parasites. 2020 , 18, 32	4

394	Ethnomedicinal survey and in vitro confirmation of anti-inflammatory and antispasmodic properties of the termite strain <i>Macrotermes bellicosus</i> used in traditional medicine in the Republic of Benin. 2020 , 254, 112705	2
393	Unripe Miquel Extract Containing Ellagic Acid Regulates AMPK, SREBP-2, HMGCR, and INSIG-1 Signaling and Cholesterol Metabolism In Vitro and In Vivo. 2020 , 12,	13
392	Computational Intelligence Methods for Bioinformatics and Biostatistics. 2020 ,	1
391	Secoedesma sesquiterpenes lactone A alleviates inflammation and offers adjuvant protection in severe infection of carbapenem-resistant <i>Klebsiella pneumoniae</i> . 2020 , 252, 112605	7
390	Toward a Rational Design of Polyamine-Based Zinc-Chelating Agents for Cancer Therapies. 2020 , 63, 1199-1215	2
389	Copper oxychloride-induced testicular damage of adult albino rats and the possible role of curcumin in healing the damage. 2020 , 27, 11649-11662	3
388	Cannabinomics: Application of Metabolomics in (L.) Research and Development. 2020 , 11, 554	22
387	Revisiting Inflammatory Bowel Disease: Pathology, Treatments, Challenges and Emerging Therapeutics Including Drug Leads from Natural Products. 2020 , 9,	36
386	Biomimicry of microbial polysaccharide hydrogels for tissue engineering and regenerative medicine - A review. 2020 , 241, 116345	57
385	Utilization of the extract of <i>Cedrus deodara</i> (Roxb. ex D. Don) G. Don against the biofilm formation and the expression of virulence genes of cariogenic bacterium <i>Streptococcus mutans</i> . 2020 , 257, 112856	6
384	Effect of chlorogenic and gallic acids combined with azoles on antifungal susceptibility and virulence of multidrug-resistant <i>Candida</i> spp. and <i>Malassezia furfur</i> isolates. 2020 , 58, 1091-1101	1
383	Ring-opening cyclization of activated spiro-aziridine oxindoles with heteroarenes: a facile synthetic approach to spiro-oxindole-fused pyrroloindolines.. 2020 , 10, 16101-16109	4
382	A comprehensive review of computational techniques for the prediction of drug side effects. 2020 , 81, 650-670	4
381	Copper(i)/Ganphos catalysis: enantioselective synthesis of diverse spirooxindoles using iminoesters and alkyl substituted methyleneindolinones. 2020 , 18, 3740-3746	8
380	Natural Products and Derivatives Targeting at Cancer Energy Metabolism: A Potential Treatment Strategy. 2020 , 40, 205-217	1
379	Pharmacophore modeling and virtual screening for the discovery of biologically active natural products. 2020 , 64, 321-364	1
378	Applications of cyanobacteria in biomedicine. 2020 , 441-453	9
377	An overview of drug discovery and development. 2020 , 12, 939-947	28

376	Biotransformations with crude enzymes and whole cells. 2020 , 335-361	
375	Extracellular DNA: A Relevant Plant Damage-Associated Molecular Pattern (DAMP) for Crop Protection Against Pests. A Review. 2021 , 40, 451-463	8
374	Natural products as LSD1 inhibitors for cancer therapy. 2020 ,	32
373	Metabolomics of medicinal and aromatic plants: Goldmines of secondary metabolites for herbal medicine research. 2021 , 261-287	0
372	Protective effect of Corynoline on the CFA induced Rheumatoid arthritis via attenuation of oxidative and inflammatory mediators. 2021 , 476, 831-839	7
371	Molecular simulation studies to reveal the binding mechanisms of shikonin derivatives inhibiting VEGFR-2 kinase. 2021 , 90, 107414	3
370	Identification of Small-Molecule Inhibitors of Neutral Ceramidase (nCDase) via Target-Based High-Throughput Screening. 2021 , 26, 113-121	2
369	Some Thoughts on Barry M. Trost and Natural Products. 2021 , 61, 289-297	1
368	Natural products as antifungals. 2021 , 67-165	1
367	Natural Product Inhibitors of Cyclooxygenase (COX) Enzyme: A Review on Current Status and Future Perspectives. 2021 , 28, 1877-1905	7
366	Expression and in vitro anticancer activity of Lp16-PSP, a member of the YjgF/YER057c/UK114 protein family from the mushroom <i>Lentinula edodes</i> C. 2021 , 203, 1047-1060	2
365	A nontoxic fungal natural product modulates fin regeneration in zebrafish larvae upstream of FGF-WNT developmental signaling. 2021 , 250, 160-174	3
364	MicroED in natural product and small molecule research. 2021 , 38, 423-431	12
363	Identification and characterization of compounds from methanolic extracts of <i>Launaea procumbens</i> by gas chromatography-MS, liquid chromatography-electrospray ionization-MS/MS, and ultra-performance liquid chromatography-electrospray ionization-quad time of flight/MS. 2021 , 117, 120	
362	Natural product-derived drugs for the treatment of inflammatory bowel diseases (IBD). 2021 , 235-259	1
361	Integrated Network-Based Computational Analysis for Drug Development. 2021 , 169-183	
360	Identification of DNA Methyltransferase-1 Inhibitor for Breast Cancer Therapy through Computational Fragment-Based Drug Design. 2021 , 26,	2
359	Molecular docking of synthetic flavone, flavanone and chalcone series with HER2 and CDK8 as anticancer candidate. 2021 ,	

- 358 Diastereodivergent synthesis of fully disubstituted spiro[indoline-3,2?-pyrrolidin]-2-ones via tuneable Lewis base/Bristed base-promoted (3 + 2) cycloadditions. 3
- 357 Revealing the molecular mechanism of *Olea europaea* L. in treatment of cataract. **2021**, 445-456 3
- 356 Biodiversity, Management and Sustainable Use of Medicinal and Aromatic Plant Resources. **2021**, 85-111 2
- 355 Holistic Assessment of Compound Properties In Vitro to In Vivo Pharmacology. **2021**, 35-42 2
- 354 Systematics, ecology, and application of Helotiales: Recent progress and future perspectives for research with special emphasis on activities within Japan. **2021**, 62, 1-9 1
- 353 Global Approach for Drug Discovery and Development from Indian Traditional Medicine. **2021**, 3-27 2
- 352 Synthetic efforts on the road to marine natural products bearing 4--2,3,4,6-tetrasubstituted THPs: an update.. **2021**, 11, 5832-5858 1
- 351 Delivery of Natural Agents by Means of Mesoporous Silica Nanospheres as a Promising Anticancer Strategy. **2021**, 13, 1-11 11
- 350 Introduction to drug discovery. **2021**, 1-13 1
- 349 Anti-inflammatory and antioxidant effects of nanoformulations composed of metal-organic frameworks delivering rutin and/or piperine natural agents. **2021**, 28, 1478-1495 3
- 348 Investigating the Efficacy of Magnetite as a Sedative in *Drosophila Melanogaster*. **2021**, 1-12 2
- 347 Pharmacokinetic study on the interaction between pachymic acid and bavachin and its potential mechanism. **2021**, 59, 1256-1259 0
- 346 Origins of ligand-controlled diastereoselectivity in dirhodium-catalysed direct amination of aliphatic C(sp³)H bonds. 1
- 345 Status and Policies of GM Crops in Russia. **2021**, 57-74 2
- 344 Novel clerodane-type diterpenoid Cintelactone A suppresses lipopolysaccharide -induced inflammation by promoting ubiquitination, proteasomal degradation of TRAF6. **2021**, 164, 105386 1
- 343 Identification of novel anti-cancer agents, applying method for SENP1 protease inhibition. **2021**, 1-15 8
- 342 Uncovering the relationship between hepatocellular carcinoma and compounds belonging to Simaroubaceae using a network pharmacology approach and molecular docking techniques. **2021**, 17, 100152 2
- 341 Dimeric guaianes from leaves of *Xylopia vielana* as snail inhibitors identified by high content screening. **2021**, 108, 104646 0

340	Potential therapeutic applications of phytoconstituents as immunomodulators: Pre-clinical and clinical evidences. 2021 , 35, 3702-3731	4
339	Chemically sulfated arabinoxylans from <i>Plantago ovata</i> seed husk: Synthesis, characterization and antiviral activity. 2021 , 256, 117555	4
338	Offline preparative three-dimensional HPLC for systematic and efficient purification of alkaloids from <i>Gelsemium elegans</i> Benth. 2021 , 1640, 461935	4
337	Effect of Extract and Synthesized Derivatives of Isolated Compound from <i>f. Pilosa</i> Ohwi on Neuropathic Pain in Mice. 2021 , 26,	0
336	Pharmacological and In-Silico Investigations of Anxiolytic-like Effects of <i>Phyllanthus Fraternus</i> : A Probable Involvement of GABA-A Receptor. 2021 , 17, 42-48	2
335	Cell Surface GRP94 as a Novel Emerging Therapeutic Target for Monoclonal Antibody Cancer Therapy. 2021 , 10,	2
334	CYP27A1-dependent anti-melanoma activity of limonoid natural products targets mitochondrial metabolism. 2021 , 28, 1407-1419.e6	4
333	A Review on Natural Products and Herbs Used in the Management of Diabetes. 2021 , 17, 186-197	3
332	In Silico Molecular Docking Analysis of β -Pinene: An Antioxidant and Anticancer Drug Obtained from <i>Myrtus communis</i> . 2021 , 14,	0
331	Ergosterol peroxide exhibits antiviral and immunomodulatory abilities against porcine deltacoronavirus (PDCoV) via suppression of NF- κ B and p38/MAPK signaling pathways in vitro. 2021 , 93, 107317	9
330	Nanotechnology for Natural Medicine: Formulation of Neem Oil Loaded Phospholipid Vesicles Modified with Argan Oil as a Strategy to Protect the Skin from Oxidative Stress and Promote Wound Healing. 2021 , 10,	9
329	Potent anti-mycobacterial and immunomodulatory activity of some bioactive molecules of Indian ethnomedicinal plants that have the potential to enter in TB management. 2021 , 131, 1578-1599	0
328	Targeting the Sphingosine Kinase/Sphingosine-1-Phosphate Signaling Axis in Drug Discovery for Cancer Therapy. 2021 , 13,	11
327	Application of Hairy Root Culture for Bioactive Compounds Production in Medicinal Plants. 2021 , 22, 592-608	7
326	An insight into the medicinal attributes of berberine derivatives: A review. 2021 , 38, 116143	17
325	Toxicity Evaluation of the Naphthalen-2-yl 3,5-Dinitrobenzoate: A Drug Candidate for Alzheimer Disease. 2021 , 12, 607026	1
324	In vitro cytotoxic potential of against human cancer cell lines. 2021 , 28, 4786-4792	4
323	Design and Synthesis of New Withaferin A Inspired Hedgehog Pathway Inhibitors. 2021 , 27, 8350-8357	2

322	Slime molds as a valuable source of antimicrobial agents. 2021 , 11, 92	0
321	The phenolic and alkaloid profiles of <i>Solanum erianthum</i> and <i>Solanum torvum</i> modulated their biological properties. 2021 , 41, 100974	2
320	Subtractive proteomics approach to Unravel the druggable proteins of the emerging pathogen and drug repositioning on its MurB protein. 2021 , 7, e07320	1
319	Anti-diabesity potential of various multifunctional natural molecules. 2021 , 27, 100430	2
318	Bridging Cyanobacteria to Neurodegenerative Diseases: A New Potential Source of Bioactive Compounds against Alzheimer's Disease. 2021 , 19,	2
317	A Regioselective Synthesis of Novel Functionalized Organochalcogen Compounds by Chalcogenocyclofunctionalization Reactions Based on Chalcogen Halides and Natural Products. 2021 , 26,	0
316	An integrative strategy for discovery of functional compound combination from Traditional Chinese Medicine: Danhong Injection as a model. 2021 , 138, 111451	4
315	Design of Oleanolic Acid-Based Hybrid Compounds as Potential Pharmaceutical Scaffolds. 2021 , 18,	
314	Emodin from Inhibits via Toll-Like Receptor 3 Activation. 2021 , 13,	1
313	Insight into chemical basis of traditional Chinese medicine based on the state-of-the-art techniques of liquid chromatography-mass spectrometry. 2021 , 11, 1469-1492	9
312	A chemoinformatic analysis of atoms, scaffolds and functional groups in natural products. 2021 ,	0
311	Identification of natural product modulators of Merkel cell carcinoma cell growth and survival. 2021 , 11, 13597	
310	Cheminformatic Characterization of Natural Antimicrobial Products for the Development of New Lead Compounds. 2021 , 26,	2
309	Cartilage-targeting poly(ethylene glycol) (PEG)-formononetin (FMN) nanodrug for the treatment of osteoarthritis. 2021 , 19, 197	3
308	Augmenting Adaptive Machine Learning with Kinetic Modeling for Reaction Optimization. 2021 , 86, 14192-14198	
307	The heparin-mimicking arabinogalactan sulfates from <i>Anogeissus latifolia</i> gum: Production, structures, and anti-herpes simplex virus activity. 2021 , 183, 1419-1426	3
306	Naturally occurring coumestans from plants, their biological activities and therapeutic effects on human diseases. 2021 , 169, 105615	5
305	Towards a global list of accepted species III. Independence and stakeholder inclusion. 1	5

304	Curcumin, Resveratrol and Cannabidiol as natural key-prototypes in drug design for neuroprotective agents. 2021,	1
303	Composition of nutrient media and temperature of cultivation imposes effect on the content of secondary metabolites of sp. isolated from a Siberian Cave. 2021, 11, 386	1
302	Bioactivity of Medicinal Plants and Extracts. 2021, 10,	3
301	Putative role of natural products as Protein Kinase C modulator in different disease conditions. 2021, 29, 397-414	2
300	Predictive Chromatography of Leaf Extracts Through Encoded Environmental Forcing on Phytochemical Synthesis. 2021, 12, 613507	
299	Targeting miRNA by Natural Products: A Novel Therapeutic Approach for Nonalcoholic Fatty Liver. 2021, 2021, 6641031	6
298	Comprehensive In Silico Screening of the Antiviral Potentialities of a New Humulene Glucoside from <i>Asteriscus hierochunticus</i> against SARS-CoV-2. 2021, 2021, 1-14	6
297	Identification of Targeted Proteins by Jamu Formulas for Different Efficacies Using Machine Learning Approach. 2021, 11,	0
296	Metabolic reprogramming by traditional Chinese medicine and its role in effective cancer therapy. 2021, 170, 105728	11
295	Ethnomedicinal and phytochemical properties of sesquiterpene lactones from <i>Dicoma</i> (Asteraceae) and their anticancer pharmacological activities: A review. 2021, 13, e00919	
294	Anthelmintic, Anti-Inflammatory, Antioxidant, and Antimicrobial Activities and FTIR Analyses of <i>Vernonia camporum</i> Stem-Bark. 2021, 2021, 1-15	1
293	Isolation and characterization of novel <i>Streptomyces</i> strain from Algeria and its in-vitro antimicrobial properties against microbial pathogens. 2021, 14, 1671-1678	2
292	Computational evidence of new putative allosteric sites in the acetylcholinesterase receptor. 2021, 107, 107981	0
291	Anticonvulsant effects of <i>Paeonia daurica</i> subsp. <i>macrophylla</i> root extracts in pentylenetetrazol-induced seizure models in mice. 2021,	
290	Isolation and characterization of new phenolic siderophores with antimicrobial properties from sp. UIAU-6B. 2021, 17, 2390-2398	1
289	Screening and characterisation of potential antioxidant, hypoglycemic and hypolipidemic components revealed in <i>Portulaca oleracea</i> via multi-target affinity ultrafiltration LC-MS and molecular docking. 2021,	1
288	The Transporter-Mediated Cellular Uptake and Efflux of Pharmaceutical Drugs and Biotechnology Products: How and Why Phospholipid Bilayer Transport Is Negligible in Real Biomembranes. 2021, 26,	2
287	Recent progress in micro and nano-encapsulation of bioactive derivatives of the Brazilian genus <i>Pterodon</i> . 2021, 143, 112137	3

- 286 Tanshinone IIA alleviates NLRP3 inflammasome-mediated pyroptosis in Mycobacterium tuberculosis-(H37Ra-) infected macrophages by inhibiting endoplasmic reticulum stress. **2022**, 282, 114595 2
- 285 The Role of Natural Products as Sources of Therapeutic Agents for Innovative Drug Discovery. **2021**, 3
- 284 Role of Herbal Medicine/Phyto-Therapy in Cancer Prevention by Inhibiting Epithelial-Mesenchymal Transition (EMT) Pathways. **2021**, 215-234
- 283 Ligand-free copper-catalyzed C(sp)-H imidation of aromatic and aliphatic methyl sulfides with -fluorobenzenesulfonimide.. **2021**, 11, 12136-12140 2
- 282 Medicinal Plants: A Rich Source of Bioactive Molecules Used in Drug Development. **2021**, 195-209 0
- 281 Bioactive molecules from microalgae and constraints in commercialization. **2021**, 143-164 0
- 280 Comparative effects of artemether and in combination with diminazene aceturate in the treatment of experimental infection in rats. **2021**, 45, 673-682
- 279 Synthesis, cytotoxicity evaluation and molecular docking studies on 2',4'-dihydroxy-6'-methoxy-3',5'-dimethylchalcone derivatives.. **2021**, 11, 31433-31447 0
- 278 Chirality memory of η -methylene- η -allyl iridium species. **2021**, 12, 11831-11838 1
- 277 Discovery of novel secondary metabolites encoded in actinomycete genomes through coculture. **2021**, 48, 9
- 276 Natural Product-Based Libraries. 64-71 1
- 275 Recent Advances in Total Synthesis of Bioactive Furo[3,2-b]furanone Natural Products. **2020**, 9, 449-479 3
- 274 Image-based identification of nuclear export inhibitors from natural products. **2015**, 1270, 307-19 1
- 273 Cheminformatics Explorations of Natural Products. **2019**, 110, 1-35 12
- 272 Lichen Secondary Metabolites as Possible Antiviral Agents. **2019**, 199-214 1
- 271 Pharmacophore Mapping of Natural Products for Pancreatic Lipase Inhibition. **2020**, 305-338 2
- 270 Nanocarriers as Tools for Delivery of Nature Derived Compounds and Extracts with Therapeutic Activity. **2020**, 73-114 1
- 269 Chemoinformatics Analysis and Structural Similarity Studies of Food-Related Databases. **2014**, 97-110 2

268	How I Heal with Pride The Application of Screens-to-Nature Technology to Indigenous Knowledge Systems Research in Botswana: Implications for Drug Discovery. 2012 , 239-264	2
267	Natural Product-Based Drug Discovery in Africa: The Need for Integration into Modern Drug Discovery Paradigms. 2012 , 101-126	2
266	Secondary Metabolites of Mushrooms: A Potential Source for Anticancer Therapeutics with Translational Opportunities. 2019 , 563-598	0
265	Applicability of plant-based products in the treatment of <i>Trypanosoma cruzi</i> and <i>Trypanosoma brucei</i> infections: a systematic review of preclinical in vivo evidence. 2017 , 144, 1275-1287	26
264	sp. nov., a mangrove soil actinobacterium. 2020 , 70, 1800-1804	0
263	Preliminary Characterization of Phenolic Acid Composition and Hepatoprotective Effect of <i>Stachys pumila</i> . 2017 , 41, e12286	5
262	Recent progress in directed evolution of stereoselective monoamine oxidases. 2019 , 6,	9
261	<i>Cissampelos pareira</i> Linn: Natural Source of Potent Antiviral Activity against All Four Dengue Virus Serotypes. 2015 , 9, e0004255	43
260	Identification of human IKK-2 inhibitors of natural origin (part I): modeling of the IKK-2 kinase domain, virtual screening and activity assays. 2011 , 6, e16903	18
259	Pretubulysin: from hypothetical biosynthetic intermediate to potential lead in tumor therapy. 2012 , 7, e37416	29
258	<i>Cryptosporidium parvum</i> extract inhibits porcine reproductive and respiratory syndrome virus (PRRSV) in vitro and in vivo. 2013 , 8, e63767	18
257	Effects of coronatine elicitation on growth and metabolic profiles of <i>Lemna paucicostata</i> culture. 2017 , 12, e0187622	13
256	Fundamental physical and chemical concepts behind "Drug-likeness" and "Natural product-likeness" 2019 , 4,	4
255	An enumeration of natural products from microbial, marine and terrestrial sources. 2020 , 5,	5
254	Current Biochemical Applications and Future Prospects of Chlorotoxin in Cancer Diagnostics and Therapeutics. 2019 , 9, 510-520	4
253	Pure Isolates and Preparative HPLC Fractions or Crude Extract of <i>Inula viscosa</i> : Effect on "Hematin Inhibition" in vitro. 2018 , 6,	3
252	[Drug discovery and natural products: end of era or an endless frontier?]. 2011 , 57, 148-60	18
251	Nordihydroguaiaretic acid impairs prostate cancer cell migration and tumor metastasis by suppressing neuropilin 1. 2016 , 7, 86225-86238	17

250	Photoprotective Properties of Natural Pulvinic Acid Derivatives toward Ultraviolet-Induced Damages. 319-330	1
249	Flavonoids as P-gp Inhibitors: A Systematic Review of SARs. 2019 , 26, 4799-4831	12
248	Natural Products as Potential Anti-Alzheimer Agents. 2020 , 27, 5887-5917	23
247	Therapeutic Potential of Natural Psychoactive Drugs for Central Nervous System Disorders: A Perspective from Polypharmacology. 2021 , 28, 53-68	7
246	Natural Cyclic Peptides as Clinical and Future Therapeutics. 2019 , 23, 38-75	4
245	Virtual Screening of Potential Anti-fatigue Mechanism of Polygonati Rhizoma Based on Network Pharmacology. 2019 , 22, 612-624	6
244	Germacrone: A Potent Secondary Metabolite with Therapeutic Potential in Metabolic Diseases, Cancer and Viral Infections. 2020 , 21, 1079-1090	9
243	Computer-Assisted Drug Virtual Screening Based on the Natural Product Databases. 2019 , 20, 293-301	6
242	In Silico and 3D QSAR Studies of Natural Based Derivatives as Xanthine Oxidase Inhibitors. 2019 , 19, 123-138	8
241	Medicinal Chemistry of Alternative Therapeutics: Novelty and Hopes with Genus Ammannia. 2019 , 19, 784-794	6
240	Herbal Medicine of the 21st Century: A Focus on the Chemistry, Pharmacokinetics and Toxicity of Five Widely Advocated Phytotherapies. 2019 , 19, 2718-2738	7
239	Novel [6]-gingerol Triazole Derivatives and their Antiproliferative Potential against Tumor Cells. 2020 , 20, 161-169	3
238	Computer-Aided Drug Design Applied to Secondary Metabolites as Anticancer Agents. 2020 , 20, 1677-1703	4
237	Current Perspectives in the Application of Medicinal Plants Against Cancer: Novel Therapeutic Agents. 2019 , 19, 101-111	74
236	Inhibition of growth of highly resistant bacterial and fungal pathogens by a natural product. 2011 , 5, 96-106	65
235	Pharmacological Aspects of Phyllanthus fraternus Standardized Extract (Rich in Lignans and Tannins) as a Pain Modulator. 2020 , 13, 22-34	1
234	Coconut shell derived bioactive compound Oxyresveratrol mediates regulation of Matrix metalloproteinase 9. 2017 , 8,	1
233	Antidiabetic and anti-hypercholesterolemic effects of flavonoid-rich fractions of Rosmarinus officinalis in streptozotocin-induced diabetes in mice. 2018 , 16, 204-210	2

232	Synthetic Lethal Activity of Benzophenanthridine Alkaloids From Against BRCA1-Deficient Cancer Cells. 2020 , 11, 593845	2
231	A Review: Cancer Research of Natural Products in Asia. 2009 , 5, 69-82	14
230	Phytochemistry and Free Radical Scavenging Activity of <i>Asparagus laricus</i> . 2013 , 9, 312-317	3
229	Nanotechnology: A Tool to Enhance Therapeutic Values of Natural Plant Products. 2012 , 7, 34-42	37
228	Influence of Extracting Solvent on Pharmacological Activity and Cytotoxicity of , a Commonly Consumed Herb in Southeast Asia. 2016 , 12, S424-S430	4
227	Comparative evaluation of antidiabetic potential of partially purified bioactive fractions from four medicinal plants in alloxan-induced diabetic rats. 2017 , 38, 165-170	2
226	<i>Seco</i>-limonoid 11<i>,</i>19<i>,</i>-dihydroxy-7-acetoxy-7-deoxoichangin promotes the resolution of <i>Leishmania panamensis</i> infection. 2013 , 04, 304-315	5
225	Lornoxicam & Tenoxicam Drugs as Green Corrosion Inhibitors for Carbon Steel in 1 M H ₂ SO ₄ Solution. 2013 , 4, 47-56	7
224	Isolation and Identification of a Novel Anticancer Compound from <i>Solanum nigrum</i> . 2014 , 24, 234-241	3
223	Growth-Inhibitory and Apoptosis-Inducing Effects of <i>Punica granatum</i> L. var. <i>spinosa</i> (Apple Punice) on Fibrosarcoma Cell Lines. 2014 , 4, 583-90	18
222	<i>Marrubium vulgare</i> L. methanolic extract inhibits inflammatory response and prevents cardiomyocyte fibrosis in isoproterenol-induced acute myocardial infarction in rats. 2014 , 4, 21-7	14
221	In-Vitro and in-Silico characterization of <i>Sophora interrupta</i> plant extract as an anticancer activity. 2014 , 10, 144-51	7
220	Activity and interactions of antibiotic and phytochemical combinations against <i>Pseudomonas aeruginosa</i> in vitro. 2010 , 6, 556-68	118
219	Characterizing protein domain associations by Small-molecule ligand binding. 2012 , 1,	4
218	Asiatic acid promotes p21(WAF1/CIP1) protein stability through attenuation of NDR1/2 dependent phosphorylation of p21(WAF1/ CIP1) in HepG2 human hepatoma cells. 2014 , 15, 963-7	14
217	Isolation and Molecular Identification of Fungi Producing of L-asparaginase Isolated from Makkah Region Soil. 2021 , 10, 42-48	
216	Secondary metabolites from mangrove-associated fungi: source, chemistry and bioactivities. 2021 ,	13
215	Novel Strategies in C-H Oxidations for Natural Product Diversification-A Remote Functionalization Application Summary. 2021 , 9, 737530	2

- 214 Gallic Acid Suppressed Tumorigenesis by an LncRNA MALAT1-Wnt/ β -Catenin Axis in Hepatocellular Carcinoma. **2021**, 12, 708967 3
- 213 Effects of Essential Oils and Selected Compounds from Lamiaceae Family as Adjutants on the Treatment of Subjects with Periodontitis and Cardiovascular Risk. **2021**, 11, 9563 0
- 212 Targeting the ENV spike protein of HIV with naturally occurring compounds: an in-silico study for drug designing. 1
- 211 Marine-derived pipeline anticancer natural products: a review of their pharmacotherapeutic potential and molecular mechanisms. **2021**, 7, 1
- 210 Building Natural Product Libraries Using Quantitative Clade-Based and Chemical Clustering Strategies. **2021**, 6, e0064421 0
- 209 Potential Mechanisms of Plant-Derived Natural Products in the Treatment of Cervical Cancer. **2021**, 11, 3
- 208 State-of-the-art review - A review on snake venom-derived antithrombotics: Potential therapeutics for COVID-19-associated thrombosis?. **2021**, 192, 1040-1057 4
- 207 Mining Natural Product-Derived Molecules Against Cancer Targets: The Case of the Androgen Receptor in Prostate Cancer. **2010**, 671-692
- 206 Nutracosmeceutical Drinks: Innovation in Skin Functional Drinks. **2010**, 40-62
- 205 Non- β -Lactam Antibiotics. **2011**, 123-149
- 204 Microbial Natural Products: Chemical Diversity.
- 203 Medicinal Chemistry - Current Methodologies. 2,
- 202 Medicinal Chemistry - Current Methodologies. 3,
- 201 Potentials of RNA Aptamers for Viral Detection and Treatment. **2013**, 467-482
- 200 Plant Compounds Acting on the Cytoskeleton. **2014**, 301-323
- 199 A New Methodology for Uncovering the Bioactive Fractions in Herbal Medicine Using the Approach of Quantitative Pattern-Activity Relationship. **2014**, 155-172
- 198 Repair and regeneration properties of after ischemic brain injury. **2014**, 9, 1104-1107
- 197 *Bacillus* sp. 1A1 as a Producer of Antibacterial Crude Extract: Taxonomy, Cultivation and Partial Purification. **2014**, 8, 18-25

- 196 Lichen Secondary Metabolites as Possible Antiviral Agents. **2015**, 165-177 1
- 195 Proteinaceous Plant Toxins with Antimicrobial and Antitumor Activities. **2015**, 1-14
- 194 Anti-inflammatory, Anti-estrogenic, and Anti-implantation Activity of *Bergia suffruticosa* (Delile) Fenzl. **2015**, 11, S407-13
- 193 Inhibitory effects of *Cyrtopodium scabrum* extract on growth of human breast and colorectal cancer cells. **2015**, 16, 565-70 4
- 192 Introduction. **2015**, 1-4
- 191 Analyses of *Ramalina farinacea* Extract Anti-proliferative Activities in Culture of Mammalian Cells and Splenocytes. **2016**, 10, 303-308
- 190 Advances of Secondary Metabolites and Their Antitumor Activities of Endophytic Fungi from *Ginkgo biloba*. **2017**, 05, 218-222
- 189 Preliminary phytochemical screening and thin layer chromatography of polyherbal antidiabetic extracts. **2017**, 8,
- 188 Designing of Natural Anticancerous Drugs and Their Delivery System. **2017**, 153-180
- 187 Antidiabetic Medicinal Plants. **2017**, 147-174
- 186 Cytotoxic and Genotoxic Effects of Aqueous Extracts of *Rosmarinus officinalis* L., *Lavandula stoechas* L. and *Tilia cordata* Mill. on in vitro Human Peripheral Blood Lymphocytes. 127-143 1
- 185 Comprehensive mass spectrometry-guided plant specialized metabolite phenotyping reveals metabolic diversity in the cosmopolitan plant family Rhamnaceae.
- 184 Cheminformatic Analysis of Natural Product Fragments. **2019**, 110, 143-175 0
- 183 Bioprospecting for Pharmaceuticals: An Overview and Vision for Future Access and Benefit Sharing. **2019**, 17-34 3
- 182 A Strength-Weaknesses-Opportunities-Threats (SWOT) Analysis of Cheminformatics in Natural Product Research. **2019**, 110, 239-271 2
- 181 Phytochemical Screening and High Performance Thin Layer Chromatography Fingerprinting Profiles of Shigru (*Moringa oleifera* Lam.) Leaves from Tanzania and India. **2019**, 4, 56-60 0
- 180 Scientific Basis of Ayurvedic Medicine: In Hunt for a Cure to Alzheimer's Disease. **2019**, 63-83
- 179 Assessing the Antimalarial Potentials of Phytochemicals: Virtual Screening, Molecular Dynamics and In-Vitro Investigations. **2019**, 16, 291-300 1

- 178 Scientific Basis for Ayurvedic Medicinal Plants Against Alzheimer's Disease. **2020**, 51-67
- 177 Analytics for Bioactivity Profiling of Complex Mixtures with a Focus on Venoms. **2020**, 2068, 27-49
- 176 Antiprotozoal investigation of three Combretum species (Combretaceae) growing in Nigeria. **2019**, 65, 37-44
- 175 Drugs From Threatened Medicinal Plants. **2020**, 347-366
- 174 In silico chemical profiling and identification of neuromodulators from Curcuma amada targeting Acetylcholinesterase.
- 173 Expression and in vitro anticancer activity of Lp16-PSP, a member of the YjgF/YER057c/UK114 protein family from the mushroom Lentinula edodes C91-3. 0
- 172 A Carbohydrate-based Synthetic Approach to Diverse Structurally and Stereochemically Complex Chiral Polyheterocycles. **2021**, 16, 4108 0
- 171 Securinine induces mitotic block in cancer cells by binding to tubulin and inhibiting microtubule assembly: A possible mechanistic basis for its anticancer activity. **2021**, 287, 120105 1
- 170 Anticancer Potential of Calli Versus Seedling Extracts Derived from Rosmarinus officinalis and Coleus hybridus. **2020**, 21, 1528-1538 0
- 169 Cytotoxic and Antibiotic Potential of Secondary Metabolites from the Lichen Umbilicaria muhlenbergii. **2020**, 21, 1516-1527 1
- 168 Pharmacophore Modelling, Virtual Screening, and Molecular Docking Simulations of Natural Product Compounds as Potential Inhibitors of Ebola Virus Nucleoprotein. **2020**, 166-178
- 167 Natural products as anti-Alzheimer's drugs. **2020**, 66, 157-174
- 166 Immunomodulating potential of Neolamarckia cadamba (Roxb.) Bark extract. **2020**, 14, 641-646
- 165 Investigation of the anti-TB potential of selected alkaloid constituents using molecular docking approach.
- 164 An Update on Pharmacological Relevance and Chemical Synthesis of Natural Products and Derivatives with Anti SARS-CoV-2 Activity.. **2021**, 6, 11502-11527 3
- 163 In silico chemical profiling and identification of neuromodulators from Curcuma amada targeting acetylcholinesterase. **2021**, 10, 1 0
- 162 Functional genomics and metabolomics advance the ethnobotany of the Samoan traditional medicine "matalafi". **2021**, 118, 5
- 161 Finding New Molecular Targets of Familiar Natural Products Using In Silico Target Prediction. 1

160	EVALUATION OF ANTI-BACTERIAL AND ANTHELMINTIC ACTIVITIES OF BARK OF PLANT CASSIA FISTULA Linn.	
159	Identification of Novel Phyto-chemicals from Ocimum basilicum for the Treatment of Parkinson's Disease using In Silico Approach. 2020 , 16, 420-434	2
158	Bryophyllum Pinnatum: A Review on Medicinal Benefits and Potent Bioactive Molecules. 2020 , 16, 978-992	
157	HPLC Plasma Assay of a Novel Anti-MRSA Compound, Kaempferol-3-O-Alpha-L-(2",3"-di-p-coumaroyl)rhamnoside, from Sycamore Leaves. 2015 , 10, 1383-6	
156	The Chinese medicine, Jianpi Huayu Decoction, inhibits the epithelial mesenchymal transition via the regulation of the Smad3/Smad7 cascade. 2017 , 9, 2694-2711	10
155	Potent antitumor activity of cepharanthine against triple-negative breast cancer spheroids compared with tetrandrine. 2020 , 20, 331	1
154	Recovery of Persipeptides from Fermentation Broth by Enhanced Adsorption. 2020 , 18, e2231	
153	Anti-ovarian cancer potential of phytochemical and extract from South African medicinal plants and their role in the development of chemotherapeutic agents. 2021 , 11, 1828-1844	1
152	Ethanol extract of Mucuna pruriens leaves ameliorates carbon tetrachloride and rifampicin-induced hepatotoxicity and nephrotoxicity in wistar albino rat. 2021 , 21, 282	1
151	Both Baicalein and Galocatechin Gallate Effectively Inhibit SARS-CoV-2 Replication by Targeting M and Sepsis in Mice. 2021 , 1	6
150	Plantain based dough meal: nutritional property, antioxidant activity and dyslipidemia ameliorating potential in high-fat induced rats. 2021 , 7,	4
149	A non-lethal method for studying scorpion venom gland transcriptomes, with a review of potentially suitable taxa to which it can be applied. 2021 , 16, e0258712	1
148	Identification of novel natural MurD ligase inhibitors as potential antimicrobial agents targeting : screening and biological evaluation. 2021 , 1-16	
147	Recent advances in tertiary amine Lewis base-promoted cycloadditions of allenolates. 2021 ,	1
146	Natural Therapeutic Strategies for Modulating Oxidative Stress in Cancer. 2021 , 1-26	
145	Beneficial effects of seaweeds and seaweed-derived bioactive compounds: Current evidence and future prospective. 2022 , 39, 102242	6
144	An image-based fingerprint-efficacy screening strategy for uncovering active compounds with interactive effects in Yindan Xinnaotong soft capsule.. 2022 , 96, 153911	0
143	Potent antitumor activity of cepharanthine against triple-negative breast cancer spheroids compared with tetrandrine. 2020 , 20, 331	2

142	Decrypting a cryptic allosteric pocket in <i>H. pylori</i> glutamate racemase. 2021 , 4,	1
141	Multi-Target Approaches of Epigallocatechin-3-O-gallate (EGCG) and its Derivatives Against Influenza Viruses.. 2022 ,	1
140	Natural Products as Sources of Multitarget Compounds: Advances in the Development of Ferulic Acid as Multitarget Therapeutic.. 2022 ,	3
139	Chemoprotective effect of theanine in 1,2-dimethylhydrazine-induced colorectal cancer in rats via suppression of inflammatory parameters.. 2022 , e14073	0
138	Recent advances in the applicability of drugs as corrosion inhibitor on metal surface: A review. 2022 , 5, 100227	3
137	Quercetin and vitamin E ameliorate cardio-apoptotic risks in diabetic rats.. 2022 , 477, 793	0
136	Plantain-based dough meal: Nutritional property, antioxidant activity and dyslipidemia ameliorating potential in high-fat-induced rats.	0
135	Acute oral toxicity assessment and anti-hyperuricemic activity of <i>Alocasia longiloba</i> extracts on Sprague-Dawley rats. 2022 ,	0
134	Structure-activity and structure-property relationship studies of spirocyclic chromanes with antimalarial activity.. 2022 , 57, 116629	1
133	Creating optimized peptide libraries for AMP discovery via PepSAVI-MS.. 2022 , 663, 41-66	0
132	Biological Activity of Pogostemon cablin Essential Oil and Its Potential Use for Food Preservation. 2022 , 12, 387	2
131	Virtual screening and in vitro experimental verification of LuxS inhibitors from natural products for <i>Lactobacillus reuteri</i> .. 2022 , 147, 112521	1
130	Potential of polyphenols in curbing quorum sensing and biofilm formation in Gram-negative pathogens. 2021 , 11, 231	1
129	Therapeutic updates and future prospects on anticancer effects of medicinal plants and phytochemicals. 2022 , 283-310	
128	Glycosylated stigmasterol from the rind of <i>Napoleonaea imperialis</i> . 2022 , 33, 1-6	
127	Structure-based pharmacophore mapping and virtual screening of natural products to identify polypharmacological inhibitor against c-MET/EGFR/VEGFR-2.. 2022 , 1-15	1
126	Neuroprotective role of herbal alternatives in circumventing Alzheimer's disease through multi-targeting approach - a review. 2022 , 9, 91-124	
125	In silico, in vitro screening of antioxidant and anticancer potentials of bioactive secondary metabolites from an endophytic fungus (<i>Curvularia</i> sp.) from <i>Phyllanthus niruri</i> L.. 2022 , 1	0

124	Expanding the Study of the Cytotoxicity of Incomptines A and B against Leukemia Cells.. 2022 , 27,	
123	Russelioside B: a Pregnane Glycoside with Pharmacological Potential.. 2022 , 32, 1-13	0
122	vHTS, 3-D Pharmacophore, QSAR and Molecular docking Studies for the Identification of Phyto-derived ATP-Competitive Inhibitors of the BCR-ABL Kinase Domain. 2021 ,	
121	A review on phytochemical, pharmacological attributes and therapeutic uses of <i>Allium hookeri</i> . 2022 , 2, 100262	1
120	Silybins inhibit human IAPP amyloid growth and toxicity through stereospecific interactions.. 2022 , 140772	1
119	Cytotoxicity of <i>Cymbopogon citratus</i> (DC) Stapf fractions, essential oil, citral, and geraniol in human leukocytes and erythrocytes.. 2022 , 115147	0
118	Essential oil compositions, pharmacological importance and agro technological practices of Patchouli (<i>Pogostemon cablin</i> Benth.): A review. 2021 , 24, 1212-1226	7
117	Dynophore-Based Approach in Virtual Screening: A Case of Human DNA Topoisomerase IIβ 2021 , 22,	2
116	Insight into Analysis of Essential Oil from Boiss.-Chemical Composition, Molecular Docking, and Mitigation of Hepg2 Cancer Cells through Apoptotic Markers.. 2021 , 11,	2
115	New cytotoxic chalcone derivatives from Pall. 2021 , 1-9	
114	The Value of Digitising Natural History Collections. 7,	1
113	Natural Polysaccharides as Preventive and Therapeutic Horizon for Neurodegenerative Diseases.. 2021 , 14,	9
112	Determination of Phenolic Components of <i>Vitex agnus-castus</i> L. (Verbenaceae) from Muğla-Ula region in Turkey.. 2021 , 26, 692-699	
111	Anticancer Activity of Natural and Semi-Synthetic Drimane and Coloratane Sesquiterpenoids.. 2022 , 27,	2
110	Data_Sheet_1.pdf. 2018 ,	
109	Table_1.DOCX. 2019 ,	
108	Data_Sheet_1.docx. 2019 ,	
107	Video_1.MP4. 2019 ,	

106 Video_2.MP4. 2019,

105 Data_Sheet_1.pdf. 2019,

104 Data_Sheet_1.DOCX. 2018,

103 Image_1.TIF. 2018,

102 Image_2.TIF. 2018,

101 Image_3.TIF. 2018,

100 Table_1.XLSX. 2018,

99 Table_2.XLSX. 2018,

98 Biomaterials and Bioactive Natural Products from Marine Invertebrates: From Basic Research to Innovative Applications.. 2022, 20, 4

97 Enhanced stability designs of cell membrane chromatography for screening drug leads.. 2022, 0

96 Silybins are stereospecific regulators of the 20S proteasome.. 2022, 66, 116813 2

95 Antitumor Activity of Rutaecarpine in Human Colorectal Cancer Cells by Suppression of Wnt/ β -Catenin Signaling.. 2022, 2

94 SCP-7, a germacrene-type sesquiterpene lactone derivative, induces ROS-mediated apoptosis in NSCLC cells in vitro and in vivo.. 2022, 925, 174989 0

93 GCMS profiling, phytochemical and biological investigation of aerial parts of *Leucophyllum frutescens* (Berl.) I.M. Johnst (Cenizo). 2022, 148, 200-209 0

92 Virtual Screening and Hit Selection of Natural Compounds as Acetylcholinesterase Inhibitors. 2022, 27, 3139 1

91 Recent Advances of Marine Sponge-Associated Microorganisms as a Source of Commercially Viable Natural Products.. 2022, 0

90 Synthesis of Tricyclic [1,2-a]Indoles via Nickel-Catalyzed Intramolecular Imine-Alkene Coupling.

89 A Candidate Drug Screen Strategy: The Discovery of Oroxylin A in *Scutellariae Radix* Against Sepsis via the Correlation Analysis Between Plant Metabolomics and Pharmacodynamics. 13, 0

88	Technologies for Solubility, Dissolution and Permeation Enhancement of Natural Compounds. 2022 , 15, 653	
87	Marine-Derived Xanthone from 2010 to 2021: Isolation, Bioactivities and Total Synthesis. 2022 , 20, 347	2
86	An off-line three-dimensional liquid chromatography/Q-Orbitrap mass spectrometry approach enabling the discovery of 1561 potentially unknown ginsenosides from the flower buds of <i>Panax ginseng</i> , <i>Panax quinquefolius</i> and <i>Panax notoginseng</i> . 2022 , 1675, 463177	1
85	Antiviral activity of triptolide on herpes simplex virus in vitro. 2022 , 10,	1
84	Functional and ligand binding studies of NAD(P)H hydrate dehydratase enzyme from vancomycin-resistant <i>Staphylococcus aureus</i> by NMR spectroscopic approach, including saturation transfer difference (STD-NMR) spectroscopy. 2022 ,	
83	Computational identification of bioactive compounds from <i>Cydonia oblonga</i> Mill. against hepatocellular carcinoma by targeting pTEN and HBx-interacting protein. 2022 , 28,	
82	Exploring the Phytochemicals and Anti-Cancer Potential of the Members of Fabaceae Family: A Comprehensive Review. 2022 , 27, 3863	4
81	Introduction to drug design and discovery. 2022 , 1-15	
80	The effects of medicinal herbs and phytochemicals on angiogenesis and models of wound healing. 2022 , 163-185	
79	Antioxidant and anticancer activities of <i>Annona muricata</i> L. and <i>Antidesma bunius</i> L. leaves, and molecular networking analysis using LC-MS/MS metabolomics. 2022 ,	0
78	Tamarixetin Attenuated the Virulence of <i>Staphylococcus aureus</i> by Directly Targeting Caseinolytic Protease P.	0
77	Evaluation of the in vitro and in vivo anti-inflammatory activity of <i>Gymnosporia montana</i> (Roth). Benth leaves. 2022 , 297, 115539	
76	Efficacy of plant-based natural preservatives in extending shelf life of sugarcane juice: Formulation optimization by MOGA and correlation study by principal component analysis. 2022 , 2, 100164	1
75	OMICs Technologies for Natural Compounds-based Drug Development. 2022 , 22,	1
74	Utilizing a Cell-free Protein Synthesis Platform for Natural Product Synthesis.	
73	Herbal supplements in Jordan: a cross-sectional survey of pharmacists' perspectives and knowledge. 2022 , 12, e057405	
72	Inhibitory effects of cedar pine needle extract on H9N2 avian influenza virus in vitro and in vivo. 2022 , 574, 25-36	
71	Theaflavin 3-gallate inhibits the main protease (Mpro) of SARS-CoV-2 and reduces its count in vitro. 2022 , 12,	1

- 70 Synthesis and Antitumor Activity of O- and N-Propylamino-Derivatives of Betulin. **2022**, 58, 684-692
- 69 Xanthotoxin (8-methoxypsoralen): A review of its chemistry, pharmacology, pharmacokinetics, and toxicity. ○
- 68 A comprehensive review on the diverse pharmacological perspectives of Terminalia chebula Retz. **2022**, 8, e10220 1
- 67 Evaluating the therapeutic efficacy of triptolide and (S)-10-hydroxycamptothecin on cutaneous and ocular Herpes Simplex Virus type-1 infections in mice. **2022**, e10348 ○
- 66 Emodin from Aloe inhibits Swine acute diarrhea syndrome coronavirus in cell culture. 9,
- 65 Oxidative Stress Amplifying Polyprodrug Micelles as Drug Carriers for Combination Anticancer Therapy. 1
- 64 Polypharmacology and Natural Products. **2022**, 625-646 ○
- 63 Natural Therapeutic Strategies for Modulating Oxidative Stress in Cancer. **2022**, 39-64 ○
- 62 Identification of Plant-Derived Bioactive Compounds Using Affinity Mass Spectrometry and Molecular Networking. **2022**, 12, 863 ○
- 61 Berberine inhibits tumour growth in vivo and in vitro through suppressing the lincROR-Wnt/ β -catenin regulatory axis in colorectal cancer. ○
- 60 2,3-Diphospho-D-glyceric acid inhibits calciprotein particle growth and calcification in MOVAS cells but not in MC3T3-E1 cells. **2022**, 50, 100668 ○
- 59 Therapeutic Effects of Saponins for the Prevention and Treatment of Cancer by Ameliorating Inflammation and Angiogenesis and Inducing Antioxidant and Apoptotic Effects in Human Cells. **2022**, 23, 10665 1
- 58 Hygrolansamycins A-D, O-Heterocyclic Macrolides from Streptomyces sp. KCB17JA11. **2022**, ○
- 57 Scaffold and structural diversity of the secondary metabolite space of medicinal fungi. ○
- 56 Computational Insights into β -Carboline Inhibition of Monoamine Oxidase A. **2022**, 27, 6711 1
- 55 SESLA suppresses the activation of macrophages and dendritic cells after Gram-positive bacterial challenge. 1-11 ○
- 54 Cyanobacteria Natural Products as Sources for Future Directions in Antibiotic Drug Discovery. ○
- 53 Drug candidates and potential targets of Curculigo spp. compounds for treating diabetes mellitus based on network pharmacology, molecular docking and molecular dynamics simulation. 1-17 ○

- 52 Investigation of the Chemical Composition, Antihyperglycemic and Antilipidemic Effects of *Bassia eriophora* and Its Derived Constituent, Umbelliferone on High-Fat Diet and Streptozotocin-Induced Diabetic Rats. **2022**, 27, 6941 ○
- 51 In vitro acetylcholinesterase, tyrosinase inhibitory potentials of secondary metabolites from *Euphorbia schimperiana* and *Euphorbia balsamifera*. **2022**, ○
- 50 An MnO₂-ZIF-67 immobilized acetylcholinesterase method for acetylcholinesterase activity assay and inhibitor screening from *Inula macrophylla* based on capillary electrophoresis. **2023**, 253, 124025 ○
- 49 In Vitro Anti-Inflammatory Effects of *Symplocos sumuntia* Buch.-Ham. Ex D. Don Extract via Blockage of the NF- κ B/JNK Signaling Pathways in LPS-Activated Microglial Cells. **2022**, 11, 3095 ○
- 48 OSADHI [An online structural and analytics based database for herbs of India. **2023**, 102, 107799 ○
- 47 Effect of [6]-gingerol on viral neuraminidase and hemagglutinin-specific T cell immunity in severe influenza. **2023**, 3, 100387 ○
- 46 *Hovenia acerba* Lindl. peduncles and seeds extracts ameliorate alcoholic liver injury by activating the Nrf2/HO-1 signalling pathway in LO2 cells and mice. **2023**, 51, 102224 ○
- 45 Strong Synergic Growth Inhibition and Death Induction of Cancer Cells by *Astragalus membranaceus* and *Vaccaria hispanica* Extract. **2022**, 14, 5833 ○
- 44 Cubeb (*Piper cubeba* L.f.): A comprehensive review of its botany, phytochemistry, traditional uses, and pharmacological properties. 9, 1
- 43 Mineral contents, antimicrobial profile, acute and chronic toxicity of the aqueous extract of Moroccan *Thymus vulgaris* in rodents. **2022**, 9, 397-414 ○
- 42 Natural products-based: Synthesis and antifungal activity evaluation of novel L-pyroglutamic acid analogues. 13, ○
- 41 Stereoselective (4 + 3) cycloadditions of allenyl ethers-furans by chiral auxiliaries inducing and evaluation of anti-breast cancer activity. 13, ○
- 40 Evaluation of (S)-10-Hydroxycamptothecin Inhibitor of Herpes Simplex Type 1 Identified from Screening of a Library of Natural Products. **2022**, 15, ○
- 39 Design, Synthesis, and Biological Evaluation of Coixol-based Derivatives as Potential Antidiabetic Agents. **2022**, 134861 ○
- 38 Saudi Arabian Plants: A Powerful Weapon against a Plethora of Diseases. **2022**, 11, 3436 1
- 37 Nutritionally Enriched Muffins from Roselle Calyx Extract Using Response Surface Methodology. **2022**, 11, 3982 ○
- 36 The Journey of a Medicinal Plant throughout Science: *Sphaeralcea angustifolia* (Cav.) G. Don (Malvaceae). **2023**, 12, 321 1
- 35 Scaffold and Structural Diversity of the Secondary Metabolite Space of Medicinal Fungi. ○

- 34 Pharmacophore-based virtual screening and in-silico study of natural products as potential DENV-2 RdRp inhibitors. 1-18 ○
- 33 Computational Design of Plant-Based Antistress Agents Targeting Nociceptin Receptor. ○
- 32 In Silico Mining of Natural Products Atlas (NPAtlas) Database for Identifying Effective Bcl-2 Inhibitors: Molecular Docking, Molecular Dynamics, and Pharmacokinetics Characteristics. **2023**, 28, 783 ○
- 31 Exploring Nature's Treasure for Drug Discovery. **2023**, 20, 373-374 ○
- 30 Chemical identification, antioxidant, cholinesterase inhibitory, and cytotoxic properties of fucoidan extracted from Persian Gulf Sargassum angustifolium. **2022**, 41, 133-141 ○
- 29 Molecular docking and molecular dynamics in natural products-based drug discovery. **2023**, 195-212 ○
- 28 Novel Drug Design. 528-538 ○
- 27 Actinomycetes, cyanobacteria, and fungi: a rich source of bioactive molecules. **2023**, 113-133 ○
- 26 Chemo-structural diversity of anti-obesity compound database. **2023**, 120, 108414 ○
- 25 Thermal Titration Molecular Dynamics (TTMD): Not Your Usual Post-Docking Refinement. **2023**, 24, 3596 1
- 24 Chelerythrine, a novel small molecule targeting IL-2, inhibits melanoma progression by blocking the interaction between IL-2 and its receptor. **2023**, 320, 121559 ○
- 23 Phytochemistry of the Vepris genus plants: A review and in silico analysis of their ADMET properties. **2023**, 157, 106-114 ○
- 22 Advances in receptor chromatography for drug discovery and drug-receptor interaction studies. **2023**, 28, 103576 ○
- 21 Current and emerging approaches to noncompetitive AR inhibition. ○
- 20 Supramolekulare Kapselkatalyse ermöglicht die Erforschung des von der Natur unerschlossenen chemischen Raums der Terpenoide. **2023**, 135, ○
- 19 Supramolecular Capsule Catalysis Enables the Exploration of Terpenoid Chemical Space Untapped by Nature. **2023**, 62, ○
- 18 The Genus Cryptocarya : A Review on Phytochemistry and Pharmacological Activities. **2023**, 20, ○
- 17 Identification of Potential Anti-COVID-19 Drug Leads from Medicinal Plants through Virtual High-Throughput Screening. **2023**, 8, ○

- 16 Patchouli essential oil. **2023**, 429-457
- 15 Anticancer plant-derivatives: deciphering their oncopreventive and therapeutic potential in molecular terms. **2023**, 9,
- 14 Lessons Learnt from COVID-19: Computational Strategies for Facing Present and Future Pandemics. **2023**, 24, 4401
- 13 Antibacterial sensitizers from natural plants: A powerful weapon against methicillin-resistant *Staphylococcus aureus*. 14,
- 12 *Caenorhabditis elegans*: An interesting host for aging-related studies. **2023**, 255-276
- 11 In-silico natural product database mining for novel neuropilin-1 inhibitors: molecular docking, molecular dynamics and binding energy computations. **2023**, 17,
- 10 Isolation and Characterization of One New Natural Compound with Other Potential Bioactive Secondary Metabolites from *Glycosmis cyanocarpa* (Blume) Spreng. (Family: Rutaceae). **2023**, 28, 2207
- 9 Computational and experimental studies of salvianolic acid A targets 3C protease to inhibit enterovirus 71 infection. 14,
- 8 Marine Microorganisms: New Frontier in Antimicrobial Therapeutics. **2023**, 36-60
- 7 Phenanthroindolizidine Alkaloids Secondary Metabolites Diversity in Medicinally Viable Plants of the Genus *Tylophora*. **2023**, 12, 1143
- 6 Effects and Mechanisms of Action of Preussin, a Marine Fungal Metabolite, against the Triple-Negative Breast Cancer Cell Line, MDA-MB-231, in 2D and 3D Cultures. **2023**, 21, 166
- 5 Biologically active secoiridoids: A comprehensive update.
- 4 Ultrasmall Cortex Moutan Nanoclusters for the Therapy of Pneumonia and Colitis. 2300402
- 3 Investigation of the dual role of acyl phloroglucinols as a new hope for antibacterial and anti-SARS-CoV-2 agents employing integrated in vitro and multi-phase in silico approaches. 1-18
- 2 Novel Approaches in Cancer Treatment: Tumor Targeted Therapy. **2023**, 1-34
- 1 Natural products and their analogues acting against *Mycobacterium tuberculosis* : A recent update.