

Atanas G Atanasov

List of Publications by Citations

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

248
papers

10,002
citations

48
h-index

90
g-index

292
ext. papers

13,794
ext. citations

6.1
avg, IF

6.71
L-index

#	Paper	IF	Citations
248	Discovery and resupply of pharmacologically active plant-derived natural products: A review. <i>Biotechnology Advances</i> , 2015 , 33, 1582-1614	17.8	1267
247	Natural products in drug discovery: advances and opportunities. <i>Nature Reviews Drug Discovery</i> , 2021 , 20, 200-216	64.1	522
246	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
245	Natural product agonists of peroxisome proliferator-activated receptor gamma (PPAR γ): a review. <i>Biochemical Pharmacology</i> , 2014 , 92, 73-89	6	389
244	A Comprehensive Review on MAPK: A Promising Therapeutic Target in Cancer. <i>Cancers</i> , 2019 , 11,	6.6	231
243	Autophagy and Alzheimer's Disease: From Molecular Mechanisms to Therapeutic Implications. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 04	5.3	189
242	A critical analysis of extraction techniques used for botanicals: Trends, priorities, industrial uses and optimization strategies. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 100, 82-102	14.6	183
241	Hexose-6-phosphate dehydrogenase determines the reaction direction of 11beta-hydroxysteroid dehydrogenase type 1 as an oxoreductase. <i>FEBS Letters</i> , 2004 , 571, 129-33	3.8	173
240	Inflammatory Markers for Arterial Stiffness in Cardiovascular Diseases. <i>Frontiers in Immunology</i> , 2017 , 8, 1058	8.4	157
239	The Role of Nutraceuticals in Statin Intolerant Patients. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 96-118	15.1	157
238	Activated AMPK boosts the Nrf2/HO-1 signaling axis--A role for the unfolded protein response. <i>Free Radical Biology and Medicine</i> , 2015 , 88, 417-426	7.8	154
237	Ethnopharmacological in vitro studies on Austria's folk medicine--an unexplored lore in vitro anti-inflammatory activities of 71 Austrian traditional herbal drugs. <i>Journal of Ethnopharmacology</i> , 2013 , 149, 750-71	5	148
236	Targeting activator protein 1 signaling pathway by bioactive natural agents: Possible therapeutic strategy for cancer prevention and intervention. <i>Pharmacological Research</i> , 2018 , 128, 366-375	10.2	133
235	Antioxidants: Scientific Literature Landscape Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 8278454	6.7	102
234	The Role of Nrf2 Activity in Cancer Development and Progression. <i>Cancers</i> , 2019 , 11,	6.6	96
233	A rapid screening assay for inhibitors of 11beta-hydroxysteroid dehydrogenases (11beta-HSD): flavanone selectively inhibits 11beta-HSD1 reductase activity. <i>Molecular and Cellular Endocrinology</i> , 2003 , 212, 41-9	4.4	95
232	Health Functions and Related Molecular Mechanisms of Tea Components: An Update Review. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	94

231	Phytol: A review of biomedical activities. <i>Food and Chemical Toxicology</i> , 2018 , 121, 82-94	4.7	90
230	Honokiol: a non-adipogenic PPAR α agonist from nature. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 4813-9	4	87
229	Resveratrol and Its Effects on the Vascular System. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	86
228	Alkaloids for cancer prevention and therapy: Current progress and future perspectives. <i>European Journal of Pharmacology</i> , 2019 , 858, 172472	5.3	83
227	Lycopene and Vascular Health. <i>Frontiers in Pharmacology</i> , 2018 , 9, 521	5.6	81
226	Natural Products to Counteract the Epidemic of Cardiovascular and Metabolic Disorders. <i>Molecules</i> , 2016 , 21,	4.8	81
225	Andrographolide, a diterpene lactone from <i>Andrographis paniculata</i> and its therapeutic promises in cancer. <i>Cancer Letters</i> , 2018 , 420, 129-145	9.9	78
224	Inhibition of growth factor mediated Akt phosphorylation in vascular smooth muscle cells by resveratrol: the contribution of SH2 domain containing phosphatase 2 and reactive oxygen species. <i>BMC Pharmacology</i> , 2008 , 8,		78
223	Dietary phytochemicals in colorectal cancer prevention and treatment: A focus on the molecular mechanisms involved. <i>Biotechnology Advances</i> , 2020 , 38, 107322	17.8	78
222	Inhibition of 11 beta-hydroxysteroid dehydrogenase type 2 by dithiocarbamates. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 308, 257-62	3.4	75
221	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. <i>Biotechnology Advances</i> , 2018 , 36, 358-370	17.8	71
220	Computer-aided discovery, validation, and mechanistic characterization of novel neolignan activators of peroxisome proliferator-activated receptor gamma. <i>Molecular Pharmacology</i> , 2010 , 77, 559-66	4.3	66
219	Organotins disrupt the 11beta-hydroxysteroid dehydrogenase type 2-dependent local inactivation of glucocorticoids. <i>Environmental Health Perspectives</i> , 2005 , 113, 1600-6	8.4	66
218	Significance of Microbiota in Obesity and Metabolic Diseases and the Modulatory Potential by Medicinal Plant and Food Ingredients. <i>Frontiers in Pharmacology</i> , 2017 , 8, 387	5.6	64
217	Pecan nuts: A review of reported bioactivities and health effects. <i>Trends in Food Science and Technology</i> , 2018 , 71, 246-257	15.3	64
216	Therapeutic role of sirtuins in neurodegenerative disease and their modulation by polyphenols. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 73, 39-47	9	63
215	Targeting Foam Cell Formation in Atherosclerosis: Therapeutic Potential of Natural Products. <i>Pharmacological Reviews</i> , 2019 , 71, 596-670	22.5	63
214	Why is 11beta-hydroxysteroid dehydrogenase type 1 facing the endoplasmic reticulum lumen? Physiological relevance of the membrane topology of 11beta-HSD1. <i>Molecular and Cellular Endocrinology</i> , 2006 , 248, 15-23	4.4	61

213	Phytochemicals as potent modulators of autophagy for cancer therapy. <i>Cancer Letters</i> , 2018 , 424, 46-69	9.9	60
212	Nutrigenomics in cancer: Revisiting the effects of natural compounds. <i>Seminars in Cancer Biology</i> , 2017 , 46, 84-106	12.7	60
211	Ethnopharmacological Approaches for Dementia Therapy and Significance of Natural Products and Herbal Drugs. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 3	5.3	56
210	Biological Nanofactories: Using Living Forms for Metal Nanoparticle Synthesis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021 , 21, 245-265	3.2	56
209	Bioactive Compounds in Functional Meat Products. <i>Molecules</i> , 2018 , 23,	4.8	55
208	Disruption of glucocorticoid action by environmental chemicals: potential mechanisms and relevance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006 , 102, 222-31	5.1	55
207	Vasculoprotective Effects of Pomegranate (L.). <i>Frontiers in Pharmacology</i> , 2018 , 9, 544	5.6	53
206	NF-B inhibitors from <i>Eurycoma longifolia</i> . <i>Journal of Natural Products</i> , 2014 , 77, 483-8	4.9	53
205	Identification of plumericin as a potent new inhibitor of the NF-B pathway with anti-inflammatory activity in vitro and in vivo. <i>British Journal of Pharmacology</i> , 2014 , 171, 1676-86	8.6	50
204	Activity-guided isolation of NF-B inhibitors and PPAR α agonists from the root bark of <i>Lycium chinense</i> Miller. <i>Journal of Ethnopharmacology</i> , 2014 , 152, 470-7	5	49
203	Lignan derivatives from <i>Krameria lappacea</i> roots inhibit acute inflammation in vivo and pro-inflammatory mediators in vitro. <i>Journal of Natural Products</i> , 2011 , 74, 1779-86	4.9	49
202	The functional genomic studies of curcumin. <i>Seminars in Cancer Biology</i> , 2017 , 46, 107-118	12.7	48
201	Effects and Mechanisms of Tea and Its Bioactive Compounds for the Prevention and Treatment of Cardiovascular Diseases: An Updated Review. <i>Antioxidants</i> , 2019 , 8,	7.1	48
200	Vascular smooth muscle cell proliferation as a therapeutic target. Part 1: molecular targets and pathways. <i>Biotechnology Advances</i> , 2018 , 36, 1586-1607	17.8	48
199	A comprehensive review on biological properties of citrinin. <i>Food and Chemical Toxicology</i> , 2017 , 110, 130-141	4.7	47
198	Natural products with anti-aging potential: Affected targets and molecular mechanisms. <i>Biotechnology Advances</i> , 2018 , 36, 1649-1656	17.8	47
197	Mitochondria as pharmacological targets in Down syndrome. <i>Free Radical Biology and Medicine</i> , 2018 , 114, 69-83	7.8	47
196	Role of MIF and D-DT in immune-inflammatory, autoimmune, and chronic respiratory diseases: from pathogenic factors to therapeutic targets. <i>Drug Discovery Today</i> , 2019 , 24, 428-439	8.8	47

195	(+)-Limonene 1,2-Epoxy-Loaded SLNs: Evaluation of Drug Release, Antioxidant Activity, and Cytotoxicity in an HaCaT Cell Line. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	46
194	Phytopharmacology of Acerola (Malpighia spp.) and its potential as functional food. <i>Trends in Food Science and Technology</i> , 2018 , 74, 99-106	15.3	46
193	Indirubin-3'-monoxime blocks vascular smooth muscle cell proliferation by inhibition of signal transducer and activator of transcription 3 signaling and reduces neointima formation in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2475-81	9.4	46
192	Bioactivity-guided isolation of 1,2,3,4,6-Penta-O-galloyl-D-glucopyranose from Paeonia lactiflora roots as a PTP1B inhibitor. <i>Journal of Natural Products</i> , 2010 , 73, 1578-81	4.9	46
191	Polyacetylenes from Notopterygium incisum--new selective partial agonists of peroxisome proliferator-activated receptor-gamma. <i>PLoS ONE</i> , 2013 , 8, e61755	3.7	46
190	Direct protein-protein interaction of 11beta-hydroxysteroid dehydrogenase type 1 and hexose-6-phosphate dehydrogenase in the endoplasmic reticulum lumen. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 1536-43	4.9	44
189	Differential regulation of glucocorticoid synthesis in murine intestinal epithelial versus adrenocortical cell lines. <i>Endocrinology</i> , 2007 , 148, 1445-53	4.8	44
188	Readjusting the glucocorticoid balance: an opportunity for modulators of 11beta-hydroxysteroid dehydrogenase type 1 activity?. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2007 , 7, 125-40 ²	4.2	44
187	Appropriate function of 11beta-hydroxysteroid dehydrogenase type 1 in the endoplasmic reticulum lumen is dependent on its N-terminal region sharing similar topological determinants with 50-kDa esterase. <i>Journal of Biological Chemistry</i> , 2004 , 279, 31131-8	5.4	43
186	Indirubin and Indirubin Derivatives for Counteracting Proliferative Diseases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 654098	2.3	42
185	Discovery of a novel IKK- β inhibitor by ligand-based virtual screening techniques. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 577-83	2.9	42
184	Current Insights into Oral Cancer Epigenetics. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	39
183	Let food be thy medicine and medicine be thy food: A bibliometric analysis of the most cited papers focusing on nutraceuticals and functional foods. <i>Food Chemistry</i> , 2018 , 269, 455-465	8.5	38
182	Ethnopharmacology-A Bibliometric Analysis of a Field of Research Meandering Between Medicine and Food Science?. <i>Frontiers in Pharmacology</i> , 2018 , 9, 215	5.6	38
181	Impaired protein stability of 11beta-hydroxysteroid dehydrogenase type 2: a novel mechanism of apparent mineralocorticoid excess. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 1262-70	12.7	37
180	The microRNAs Regulating Vascular Smooth Muscle Cell Proliferation: A Minireview. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	37
179	Therapeutic potential of songorine, a diterpenoid alkaloid of the genus Aconitum. <i>European Journal of Medicinal Chemistry</i> , 2018 , 153, 29-33	6.8	37
178	Monoamine Oxidases (MAOs) as Privileged Molecular Targets in Neuroscience: Research Literature Analysis. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 143	6.1	36

177	Involvement of the Nrf2/HO-1/CO axis and therapeutic intervention with the CO-releasing molecule CORM-A1, in a murine model of autoimmune hepatitis. <i>Journal of Cellular Physiology</i> , 2018 , 233, 4156-4165	7	36
176	Identification of isosilybin a from milk thistle seeds as an agonist of peroxisome proliferator-activated receptor gamma. <i>Journal of Natural Products</i> , 2014 , 77, 842-7	4.9	36
175	Synergy study of the inhibitory potential of red wine polyphenols on vascular smooth muscle cell proliferation. <i>Planta Medica</i> , 2012 , 78, 772-8	3.1	36
174	Ascorbate stimulates endothelial nitric oxide synthase enzyme activity by rapid modulation of its phosphorylation status. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 2082-90	7.8	35
173	Cynaropicrin: A Comprehensive Research Review and Therapeutic Potential As an Anti-Hepatitis C Virus Agent. <i>Frontiers in Pharmacology</i> , 2016 , 7, 472	5.6	35
172	Mineralocorticoid receptors: emerging complexity and functional diversity. <i>Steroids</i> , 2009 , 74, 163-71	2.8	34
171	Screening of Vietnamese medicinal plants for NF- κ B signaling inhibitors: assessing the activity of flavonoids from the stem bark of <i>Oroxylum indicum</i> . <i>Journal of Ethnopharmacology</i> , 2015 , 159, 36-42	5	33
170	Xanthohumol attenuates tumour cell-mediated breaching of the lymphendothelial barrier and prevents intravasation and metastasis. <i>Archives of Toxicology</i> , 2013 , 87, 1301-12	5.8	33
169	Hexose-6-phosphate dehydrogenase modulates 11beta-hydroxysteroid dehydrogenase type 1-dependent metabolism of 7-keto- and 7beta-hydroxy-neurosteroids. <i>PLoS ONE</i> , 2007 , 2, e561	3.7	33
168	Curcumin: Total-Scale Analysis of the Scientific Literature. <i>Molecules</i> , 2019 , 24,	4.8	32
167	An Updated Overview on Nanonutraceuticals: Focus on Nanoprebiotics and Nanoprobiotics. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	32
166	Perillaldehyde 1,2-epoxide Loaded SLN-Tailored mAb: Production, Physicochemical Characterization and In Vitro Cytotoxicity Profile in MCF-7 Cell Lines. <i>Pharmaceutics</i> , 2020 , 12,	6.4	30
165	Virtual and Augmented Reality Applications in Medicine: Analysis of the Scientific Literature. <i>Journal of Medical Internet Research</i> , 2021 , 23, e25499	7.6	30
164	Big impact of nanoparticles: analysis of the most cited nanopharmaceuticals and nanonutraceuticals research. <i>Current Research in Biotechnology</i> , 2020 , 2, 53-63	4.8	29
163	Walnut leaf extract inhibits PTP1B and enhances glucose-uptake in vitro. <i>Journal of Ethnopharmacology</i> , 2014 , 152, 599-602	5	29
162	Cell cycle-dependent regulation of extra-adrenal glucocorticoid synthesis in murine intestinal epithelial cells. <i>FASEB Journal</i> , 2008 , 22, 4117-25	0.9	29
161	Resveratrol blocks Akt activation in angiotensin II- or EGF-stimulated vascular smooth muscle cells in a redox-independent manner. <i>Cardiovascular Research</i> , 2011 , 90, 140-7	9.9	28
160	Coffee inhibits the reactivation of glucocorticoids by 11beta-hydroxysteroid dehydrogenase type 1: a glucocorticoid connection in the anti-diabetic action of coffee?. <i>FEBS Letters</i> , 2006 , 580, 4081-5	3.8	28

159	Vascular smooth muscle cell proliferation as a therapeutic target. Part 2: Natural products inhibiting proliferation. <i>Biotechnology Advances</i> , 2018 , 36, 1608-1621	17.8	27
158	Piperine inhibits ABCA1 degradation and promotes cholesterol efflux from THP-1-derived macrophages. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1500960	5.9	27
157	Therapeutic value of steroidal alkaloids in cancer: Current trends and future perspectives. <i>International Journal of Cancer</i> , 2019 , 145, 1731-1744	7.5	27
156	Identification of chromomoric acid C-I as an Nrf2 activator in <i>Chromolaena odorata</i> . <i>Journal of Natural Products</i> , 2014 , 77, 503-8	4.9	26
155	In vitro characterisation of the anti-intravasative properties of the marine product heteronemin. <i>Archives of Toxicology</i> , 2013 , 87, 1851-61	5.8	26
154	Inhibitory Effect of CAPE and Kaempferol in Colon Cancer Cell Lines-Possible Implications in New Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	25
153	Targeting ubiquitin-proteasome pathway by natural, in particular polyphenols, anticancer agents: Lessons learned from clinical trials. <i>Cancer Letters</i> , 2018 , 434, 101-113	9.9	25
152	The Herbal Drug <i>Melampyrum pratense</i> L. (Koch): Isolation and Identification of Its Bioactive Compounds Targeting Mediators of Inflammation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 395316	2.3	25
151	Reactive Oxygen Species and Their Impact in Neurodegenerative Diseases: Literature Landscape Analysis. <i>Antioxidants and Redox Signaling</i> , 2021 , 34, 402-420	8.4	24
150	The water extract of tutsan (<i>Hypericum androsaemum</i> L.) red berries exerts antidepressive-like effects and in vivo antioxidant activity in a mouse model of post-stroke depression. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 99, 290-298	7.5	23
149	Polyne hybrid compounds from <i>Notopterygium incisum</i> with peroxisome proliferator-activated receptor gamma agonistic effects. <i>Journal of Natural Products</i> , 2014 , 77, 2513-21	4.9	23
148	The impact of type of dietary protein, animal versus vegetable, in modifying cardiometabolic risk factors: A position paper from the International Lipid Expert Panel (ILEP). <i>Clinical Nutrition</i> , 2021 , 40, 255-276	5.9	23
147	Inhibition of tumour spheroid-induced prometastatic intravasation gates in the lymph endothelial cell barrier by carbamazepine: drug testing in a 3D model. <i>Archives of Toxicology</i> , 2014 , 88, 691-9	5.8	22
146	In vitro inhibition of breast cancer spheroid-induced lymphendothelial defects resembling intravasation into the lymphatic vasculature by acetohexamide, isoxsuprine, nifedipin and proadifen. <i>British Journal of Cancer</i> , 2013 , 108, 570-8	8.7	22
145	Identification and characterization of [6]-shogaol from ginger as inhibitor of vascular smooth muscle cell proliferation. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 843-52	5.9	22
144	Glycolytic switch in response to betulinic acid in non-cancer cells. <i>PLoS ONE</i> , 2014 , 9, e115683	3.7	22
143	Plumericin inhibits proliferation of vascular smooth muscle cells by blocking STAT3 signaling via S-glutathionylation. <i>Scientific Reports</i> , 2016 , 6, 20771	4.9	22
142	Leoligin, the Major Lignan from Edelweiss (<i>Leontopodium nivale</i> subsp. <i>alpinum</i>), Promotes Cholesterol Efflux from THP-1 Macrophages. <i>Journal of Natural Products</i> , 2016 , 79, 1651-7	4.9	22

141	Xanthohumol Blocks Proliferation and Migration of Vascular Smooth Muscle Cells in Vitro and Reduces Neointima Formation in Vivo. <i>Journal of Natural Products</i> , 2017 , 80, 2146-2150	4.9	21
140	Comparison of chemical composition and biological activities of Algerian seed oils of Pistacia lentiscus L., Opuntia ficus indica (L.) mill. and Argania spinosa L. Skeels. <i>Industrial Crops and Products</i> , 2020 , 151, 112456	5.9	21
139	Ethnopharmacological Approaches for Therapy of Jaundice: Part II. Highly Used Plant Species from Acanthaceae, Euphorbiaceae, Asteraceae, Combretaceae, and Fabaceae Families. <i>Frontiers in Pharmacology</i> , 2017 , 8, 519	5.6	21
138	Imbricarinic acid and perlatolic acid: multi-targeting anti-inflammatory depsides from <i>Cetrelia monachorum</i> . <i>PLoS ONE</i> , 2013 , 8, e76929	3.7	21
137	Resveratrol inhibits migration and Rac1 activation in EGF- but not PDGF-activated vascular smooth muscle cells. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1230-6	5.9	21
136	People's Willingness to Vaccinate Against COVID-19 Despite Their Safety Concerns: Twitter Poll Analysis. <i>Journal of Medical Internet Research</i> , 2021 , 23, e28973	7.6	21
135	12/15-lipoxygenase contributes to platelet-derived growth factor-induced activation of signal transducer and activator of transcription 3. <i>Journal of Biological Chemistry</i> , 2013 , 288, 35592-603	5.4	20
134	Bioguided isolation of (9Z)-octadec-9-enoic acid from <i>Phellodendron amurense</i> Rupr. and identification of fatty acids as PTP1B inhibitors. <i>Planta Medica</i> , 2012 , 78, 219-24	3.1	20
133	Exosomes at a glance - common nominators for cancer hallmarks and novel diagnosis tools. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2018 , 53, 564-577	8.7	20
132	Novel interactomics approach identifies ABCA1 as direct target of evodiamine, which increases macrophage cholesterol efflux. <i>Scientific Reports</i> , 2018 , 8, 11061	4.9	19
131	Species Secondary Metabolites Chemodiversity and Bioactivities. <i>Frontiers in Plant Science</i> , 2019 , 10, 834	6.2	19
130	Effects of Scrophularia extracts on tumor cell proliferation, death and intravasation through lymphoendothelial cell barriers. <i>International Journal of Oncology</i> , 2012 , 40, 2063-74	4.4	19
129	The anticancer potential of the dietary polyphenol rutin: Current status, challenges, and perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 1-28	11.5	19
128	AHR/CYP1A1 interplay triggers lymphatic barrier breaching in breast cancer spheroids by inducing 12(S)-HETE synthesis. <i>Human Molecular Genetics</i> , 2016 , 25, 5006-5016	5.6	19
127	Targeting ncRNAs by plant secondary metabolites: The ncRNAs game in the balance towards malignancy inhibition. <i>Biotechnology Advances</i> , 2018 , 36, 1779-1799	17.8	19
126	Chemistry and Biological Activities of the Marine Sponges of the Genera (<i> </i>), and. <i>Marine Drugs</i> , 2018 , 16,	6	18
125	- A Noxious Invasive Alien Plant in Europe or a Medicinal Plant against Metabolic Disease?. <i>Frontiers in Pharmacology</i> , 2017 , 8, 333	5.6	18
124	Identification of ostruthin from <i>Peucedanum ostruthium</i> rhizomes as an inhibitor of vascular smooth muscle cell proliferation. <i>Journal of Natural Products</i> , 2011 , 74, 1513-6	4.9	18

123	Selected Extracts of Chinese Herbal Medicines: Their Effect on NF- κ B, PPAR α and PPAR γ and the Respective Bioactive Compounds. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 983023	2.3	18
122	Bilirubin Decreases Macrophage Cholesterol Efflux and ATP-Binding Cassette Transporter A1 Protein Expression. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	17
121	Batzella, Crambe and Monanchora: Highly Prolific Marine Sponge Genera Yielding Compounds with Potential Applications for Cancer and Other Therapeutic Areas. <i>Nutrients</i> , 2018 , 10,	6.7	17
120	2-(2,4-dihydroxyphenyl)-5-(E)-propenylbenzofuran promotes endothelial nitric oxide synthase activity in human endothelial cells. <i>Biochemical Pharmacology</i> , 2012 , 84, 804-12	6	17
119	Silymarin Constituents Enhance ABCA1 Expression in THP-1 Macrophages. <i>Molecules</i> , 2015 , 21, E55	4.8	17
118	12(S)-HETE increases intracellular Ca ²⁺ in lymph-endothelial cells disrupting their barrier function in vitro; stabilization by clinical drugs impairing calcium supply. <i>Cancer Letters</i> , 2016 , 380, 174-83	9.9	17
117	Medicinal Plants and Natural Products Used in Cataract Management. <i>Frontiers in Pharmacology</i> , 2019 , 10, 466	5.6	16
116	Chemical Diversity and Biological Activities of Marine Sponges of the Genus : A Systematic Review. <i>Marine Drugs</i> , 2019 , 17,	6	16
115	Assessment of anti-inflammatory properties of extracts from Honeysuckle (<i>Lonicera</i> sp. L., Caprifoliaceae) by ATR-FTIR spectroscopy. <i>Talanta</i> , 2017 , 175, 264-272	6.2	16
114	The Effect of Natural Antioxidants on Quality and Shelf Life of Beef and Beef Products. <i>Food Technology and Biotechnology</i> , 2019 , 57, 439-447	2.1	16
113	The arrival of predictive biomarkers for monitoring therapy response to natural compounds in cancer drug discovery. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 2492-2498	7.5	16
112	Attenuation of 7-ketocholesterol- and 7hydroxycholesterol-induced oxiaoptophagy by nutrients, synthetic molecules and oils: Potential for the prevention of age-related diseases. <i>Ageing Research Reviews</i> , 2021 , 68, 101324	12	16
111	Neuroprotective Mechanisms of Three Natural Antioxidants on a Rat Model of Parkinson's Disease: A Comparative Study. <i>Antioxidants</i> , 2020 , 9,	7.1	15
110	Gut Microbiota and Its Metabolites in Atherosclerosis Development. <i>Molecules</i> , 2020 , 25,	4.8	15
109	Indirubin-3'-monoxime exerts a dual mode of inhibition towards leukotriene-mediated vascular smooth muscle cell migration. <i>Cardiovascular Research</i> , 2014 , 101, 522-32	9.9	15
108	Effects of Anthocyanins on Vascular Health. <i>Biomolecules</i> , 2021 , 11,	5.9	15
107	Drugs from nature targeting inflammation (DNTI): a successful Austrian interdisciplinary network project. <i>Monatshefte Für Chemie</i> , 2016 , 147, 479-491	1.4	15
106	Quantification of Trans-Resveratrol-Loaded Solid Lipid Nanoparticles by a Validated Reverse-Phase HPLC Photodiode Array. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4961	2.6	15

105	The berries on the top. <i>Journal of Berry Research</i> , 2019 , 9, 125-139	2	15
104	Phytochemicals for the Prevention and Treatment of Gastric Cancer: Effects and Mechanisms. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14
103	The Effect of Different Levels of Cu, Zn and Mn Nanoparticles in Hen Turkey Diet on the Activity of Aminopeptidases. <i>Molecules</i> , 2018 , 23,	4.8	14
102	Organic Nanoparticle-Based Combinatory Approaches for Gene Therapy. <i>Trends in Biotechnology</i> , 2017 , 35, 1121-1124	15.1	14
101	Ethnopharmacological Approaches for Therapy of Jaundice: Part I. <i>Frontiers in Pharmacology</i> , 2017 , 8, 518	5.6	14
100	System Bioinformatic Approach Through Molecular Docking, Network Pharmacology and Microarray Data Analysis to Determine the Molecular Mechanism Underlying the Effects of <i>Rehmanniae Radix Praeparata</i> on Cardiovascular Diseases. <i>Current Protein and Peptide Science</i> , 2019 , 20, 861-875	2.8	14
99	Insights about clinically approved and Preclinically investigated marine natural products. <i>Current Research in Biotechnology</i> , 2020 , 2, 88-102	4.8	14
98	The ethnopharmacological literature: An analysis of the scientific landscape. <i>Journal of Ethnopharmacology</i> , 2020 , 250, 112414	5	14
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50	The Dietary Constituent Falcarindiol Promotes Cholesterol Efflux from THP-1 Macrophages by Increasing ABCA1 Gene Transcription and Protein Stability. <i>Frontiers in Pharmacology</i> , 2017 , 8, 596	5.6	6
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41	Black pepper dietary supplementation increases high-density lipoprotein (HDL) levels in pigs. <i>Current Research in Biotechnology</i> , 2019 , 1, 28-33	4.8	4
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30	First, Do No Harm (Gone Wrong): Total-Scale Analysis of Medical Errors Scientific Literature. <i>Frontiers in Public Health</i> , 2020 , 8, 558913	6	3
29	Microbial polysaccharides: An emerging family of natural biomaterials for cancer therapy and diagnostics. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	3
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22	Implications of Twitter in Health-Related Research: A Landscape Analysis of the Scientific Literature. <i>Frontiers in Public Health</i> , 2021 , 9, 654481	6	2
21	Differences between common endothelial cell models (primary human aortic endothelial cells and EA.hy926 cells) revealed through transcriptomics, bioinformatics, and functional analysis. <i>Current Research in Biotechnology</i> , 2021 , 3, 135-145	4.8	2
20	Effect of rearing temperature on physiological measures and antioxidant status of broiler chickens fed stevia (<i>Stevia rebaudiana</i> B.) leaf meal and exogenous xylanase. <i>Current Research in Biotechnology</i> , 2021 , 3, 173-181	4.8	2
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15	Algae-Derived Anti-Inflammatory Compounds against Particulate Matters-Induced Respiratory Diseases: A Systematic Review. <i>Marine Drugs</i> , 2021 , 19,	6	1
14	The Composition of Fatty Acids in Ostrich Meat Influenced by the Type of Packaging and Refrigerated Storage. <i>Molecules</i> , 2019 , 24,	4.8	1
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12	Role of Diet and Nutrients in SARS-CoV-2 Infection: Incidence on Oxidative Stress, Inflammatory Status and Viral Production. <i>Nutrients</i> , 2022 , 14, 2194	6.7	1
11	Biochemical and morphological changes in mouse liver induced by mistletoe toxins. <i>Food and Chemical Toxicology</i> , 2019 , 129, 229-238	4.7	0
10	Neurotensins and their therapeutic potential: research field study. <i>Future Medicinal Chemistry</i> , 2020 , 12, 1779-1803	4.1	0
9	Antioxidant status and growth performance of broiler chickens fed diets containing graded levels of supplementary dihydroquercetin. <i>Research in Veterinary Science</i> , 2021 , 141, 63-65	2.5	0
8	Characterization of a Structural Leoligin Analog as Farnesoid X Receptor Agonist and Modulator of Cholesterol Transport. <i>Planta Medica</i> , 2020 , 86, 1097-1107	3.1	0
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6	Beneficial Effect of Melatonin on Motor and Memory Disturbances in 6-OHDA-Lesioned Rats. <i>Journal of Molecular Neuroscience</i> , 2021 , 71, 702-712	3.3	0
5	Can We Protect Those We Care for in A Pandemic? - Prevalence of Neutralizing Antibodies against SARS-CoV-2 in Nursing Homes 2021 , 12, 710-717		0
4	Stereoselective Synthesis of the Isomers of Notoincisol A: Assignment of the Absolute Configuration of this Natural Product and Biological Evaluation. <i>Journal of Natural Products</i> , 2018 , 81, 2419-2428	4.9	0
3	Challenging the Illusion: Health Equity Amidst New Variants.. <i>International Journal of Public Health</i> , 2022 , 67, 1604896	4	0
2	Research on Digital Technology Use in Cardiology: Bibliometric Analysis.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e36086	7.6	0
1	Beneficial Effects of Snail <i>Helix aspersa</i> Extract in an Experimental Model of Alzheimer's Type Dementia. <i>Journal of Alzheimer's Disease</i> , 2022 , 1-21	4.3	0