Fabrizio Dal Piaz

List of Publications by Year
in descending order

166	4,614	94381	155592
papers	citations	37 h-index	55 g-index

172	172	172	7217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of the Nâ€terminal hexapeptide from human Î²2â€microglobulin facilitates protein aggregation and fibril formation. Protein Science, 2000, 9, 831-845.	3.1	263
2	Very Low Protein Diet Reduces Indoxyl Sulfate Levels in Chronic Kidney Disease. Blood Purification, 2013, 35, 196-201.	0.9	124
3	Characterization of the Structure and the Amyloidogenic Properties of the Josephin Domain of the Polyglutamine-containing Protein Ataxin-3. Journal of Molecular Biology, 2004, 344, 1021-1035.	2.0	117
4	Role of intracellular and extracellular annexin A1 in migration and invasion of human pancreatic carcinoma cells. BMC Cancer, 2014, 14, 961.	1.1	79
5	Polyglutamine is Not All: The Functional Role of the AXH Domain in the Ataxin-1 Protein. Journal of Molecular Biology, 2005, 354, 883-893.	2.0	74
6	SIRT1 gene expression upon genotoxic damage is regulated by APE1 through nCaRE-promoter elements. Molecular Biology of the Cell, 2014, 25, 532-547.	0.9	74
7	The N-Terminus of the Fragile X Mental Retardation Protein Contains a Novel Domain Involved in Dimerization and RNA Binding. Biochemistry, 2003, 42, 10437-10444.	1.2	73
8	On-Line Hollow-Fiber Flow Field-Flow Fractionation-Electrospray Ionization/Time-of-Flight Mass Spectrometry of Intact Proteins. Analytical Chemistry, 2005, 77, 47-56.	3.2	72
9	Stem cell factor is localized in, released from, and cleaved by human mast cells. Journal of Immunology, 1999, 163, 2799-808.	0.4	71
10	The enhancement of antiproliferative and proapoptotic activity of HDAC inhibitors by curcumin is mediated by Hsp90 inhibition. Cellular and Molecular Life Sciences, 2010, 67, 995-1004.	2.4	69
11	Onconase:Â An Unusually Stable Proteinâ€. Biochemistry, 2000, 39, 8711-8718.	1.2	68
12	Expression and purification of the recombinant subunits of toluene/o -xylene monooxygenase and reconstitution of the active complex. FEBS Journal, 2002, 269, 5689-5699.	0.2	67
13	Drug Affinity Responsive Target Stability (DARTS) Identifies Laurifolioside as a New Clathrin Heavy Chain Modulator. Journal of Natural Products, 2016, 79, 2681-2692.	1.5	67
14	Î²-Glycosyl Azides as Substrates for Î±-Glycosynthases: Preparation of Efficient Î±-L-Fucosynthases. Chemistry and Biology, 2009, 16, 1097-1108.	6.2	65
15	Supplementation of Short-Chain Fatty Acid, Sodium Propionate, in Patients on Maintenanceâ€”â€œBeneficial Effects on Inflammatory Parameters and Gut-Derived Uremic Toxinsâ€â€”A Pilot Study (PLAN Study). Journal of Clinical Medicine, 2018, 7, 315.	1.0	63
16	The Identification of a Novel Natural Activator of p300 Histone Acetyltranferase Provides New Insights into the Modulation Mechanism of this Enzyme. ChemBioChem, 2010, 11, 818-827.	1.3	61
17	Hollow-Fiber Flow Field-Flow Fractionation for Whole Bacteria Analysis by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2004, 76, 2103-2111.	3.2	58
18	Axinellins A and B: New Proline-Containing Antiproliferative Cyclopeptides from the Vanuatu SpongeAxinella carteri. European Journal of Organic Chemistry, 1998, 1998, 2659-2665.	1.2	57

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19	Conformational analysis of HAMLET, the folding variant of human Î±-lactalbumin associated with apoptosis. Protein Science, 2004, 13, 1322-1330.	3.1	57
20	Role of Arabidopsis UV RESISTANCE LOCUS 8 in Plant Growth Reduction under Osmotic Stress and Low Levels of UV-B. Molecular Plant, 2014, 7, 773-791.	3.9	57
21	Annexin A1 contributes to pancreatic cancer cell phenotype, behaviour and metastatic potential independently of Formyl Peptide Receptor pathway. Scientific Reports, 2016, 6, 29660.	1.6	57
22	Chemical proteomics reveals HSP70 1A as a target for the anticancer diterpene oridonin in Jurkat cells. Journal of Proteomics, 2013, 82, 14-26.	1.2	54
23	Light-induced changes in the photosynthetic physiology and biochemistry in the diatom Skeletonema marinoi. Algal Research, 2016, 17, 1-13.	2.4	51
24	Sesterterpenes as Tubulin Tyrosine Ligase Inhibitors. First Insight of Structureâ^'Activity Relationships and Discovery of New Lead. Journal of Medicinal Chemistry, 2009, 52, 3814-3828.	2.9	50
25	Calcium bioaccessibility and uptake by human intestinal like cells following in vitro digestion of casein phosphopeptideâ€“calcium aggregates. Food and Function, 2015, 6, 1796-1807.	2.1	50
26	A Chemicalâ€“Biological Study Reveals C₉-type Iridoids as Novel Heat Shock Protein 90 (Hsp90) Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 1583-1595.	2.9	48
27	Binding of Î±-Actinin to Titin:Â Implications for Z-Disk Assembly. Biochemistry, 2000, 39, 5255-5264.	1.2	47
28	Lipid A structure ofPseudoalteromonas haloplanktis TAC 125: use of electrospray ionization tandem mass spectrometry for the determination of fatty acid distribution. Journal of Mass Spectrometry, 2002, 37, 481-488.	0.7	47
29	Secondary Metabolite Profile in Induced Tetraploids of Wild Solanum commersonii<scp>Dun</scp>.. Chemistry and Biodiversity, 2011, 8, 2226-2237.	1.0	47
30	Glycation affects fibril formation of AÎ² peptides. Journal of Biological Chemistry, 2018, 293, 13100-13111.	1.6	47
31	Annexin A1 Induces Skeletal Muscle Cell Migration Acting through Formyl Peptide Receptors. PLoS ONE, 2012, 7, e48246.	1.1	47
32	Antiproliferative Triterpene Saponins from Entada africana. Journal of Natural Products, 2006, 69, 1323-1329.	1.5	45
33	Nutritional therapy reduces protein carbamylation through urea lowering in chronic kidney disease. Nephrology Dialysis Transplantation, 2018, 33, 804-813.	0.4	45
34	Evaluation of in situ injectable hydrogels as controlled release device for ANXA1 derived peptide in wound healing. Carbohydrate Polymers, 2015, 115, 629-635.	5.1	41
35	Interactions with Microbial Proteins Driving the Antibacterial Activity of Flavonoids. Pharmaceutics, 2021, 13, 660.	2.0	41
36	The anti-tumor diterpene oridonin is a direct inhibitor of Nucleolin in cancer cells. Scientific Reports, 2018, 8, 16735.	1.6	40

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37	Structural characterization of tetranortriterpenes from Pseudrocedrela kotschyi and Trichilia emetica and study of their activity towards the chaperone Hsp90. Phytochemistry, 2012, 75, 78-89.	1.4	39
38	Identification of casein peptides in plasma of subjects after a cheese-enriched diet. Food Research International, 2016, 84, 108-112.	2.9	39
39	Natural Iminosugar (+)-Lentiginosine Inhibits ATPase and Chaperone Activity of Hsp90. PLoS ONE, 2012, 7, e43316.	1.1	38
40	Pregnane Glycosides from Leptadenia pyrotechnica. Journal of Natural Products, 2006, 69, 625-635.	1.5	37
41	Triterpene Derivatives as Inhibitors of Protein Involved in the Inflammatory Process: Molecules Interfering with Phospholipase A2, Cycloxygenase, and Lipoxygenase. Current Drug Targets, 2011, 12, 302-321.	1.0	37
42	Secondary metabolites from the aerial parts of Salvia palaestina Bentham. Phytochemistry, 2008, 69, 1005-1012.	1.4	36
43	The Binding Mode of Petrosaspongiolideâ€…M to the Human Groupâ€…IIA Phospholipaseâ€…A₂: Exploring the Role of Covalent and Noncovalent Interactions in the Inhibition Process. Chemistry - A European Journal, 2009, 15, 1155-1163.	1.7	36
44	Novel Benzylidene Thiazolidinedione Derivatives as Partial PPARÎ³ Agonists and their Antidiabetic Effects on Type 2 Diabetes. Scientific Reports, 2017, 7, 14453.	1.6	35
45	Effect of Indoxyl Sulfate on the Repair and Intactness of Intestinal Epithelial Cells: Role of Reactive Oxygen Speciesâ€™ Release. International Journal of Molecular Sciences, 2019, 20, 2280.	1.8	35
46	Molecular Basis of Phospholipase A2 Inhibition by Petrosaspongiolide M. ChemBioChem, 2002, 3, 664.	1.3	34
47	The Biflavonoid Amentoflavone Inhibits Neovascularization Preventing the Activity of Proangiogenic Vascular Endothelial Growth Factors. Journal of Biological Chemistry, 2011, 286, 19641-19651.	1.6	34
48	Health status and concomitant prescription of immunosuppressants are risk factors for hydroxychloroquine non-adherence in systemic lupus patients with prolonged inactive disease. Lupus, 2018, 27, 265-272.	0.8	34
49	Conformational Changes in Human Hepatitis C Virus NS3 Protease upon Binding of Product-Based Inhibitors. Biochemistry, 1999, 38, 13844-13852.	1.2	33
50	Plant Growth Promotion Function of Bacillus sp. Strains Isolated from Salt-Pan Rhizosphere and Their Biocontrol Potential against Macrophomina phaseolina. International Journal of Molecular Sciences, 2021, 22, 3324.	1.8	33
51	A structural model of 20S immunoproteasomes: effect of LMP2 codon 60 polymorphism on expression, activity, intracellular localisation and insight into the regulatory mechanisms. Biological Chemistry, 2006, 387, 417-429.	1.2	32
52	In vivo targeting and growth inhibition of the A20 murine B-cell lymphoma by an idiotype-specific peptide binder. Blood, 2010, 116, 226-238.	0.6	32
53	Cancer-Associated CD43 Glycoforms as Target of Immunotherapy. Molecular Cancer Therapeutics, 2014, 13, 752-762.	1.9	32
54	Targeting the Hsp90 C-terminal domain by the chemically accessible dihydropyrimidinone scaffold. Chemical Communications, 2015, 51, 3850-3853.	2.2	32

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55	Multiple Determinants Influence Complex Formation of the Hepatitis C Virus NS3 Protease Domain with Its NS4A Cofactor Peptide. Biochemistry, 1999, 38, 5206-5215.	1.2	31
56	Identification of the Plant Compound Geraniin as a Novel Hsp90 Inhibitor. PLoS ONE, 2013, 8, e74266.	1.1	31
57	Identification of Limonol Derivatives as Heat Shock Proteinâ€...90 (Hsp90) Inhibitors through a Multidisciplinary Approach. Chemistry - A European Journal, 2016, 22, 13236-13250.	1.7	31
58	Thioredoxin System Modulation by Plant and Fungal Secondary Metabolites. Current Medicinal Chemistry, 2010, 17, 479-494.	1.2	30
59	Natural and semisynthetic azaphilones as a new scaffold for Hsp90 inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 6031-6043.	1.4	30
60	BAG3 Is a Novel Serum Biomarker for Pancreatic Adenocarcinomas. American Journal of Gastroenterology, 2013, 108, 1178-1180.	0.2	30
61	Cystatin B and its EPM1 mutants are polymeric and aggregate prone in vivo. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 312-322.	1.9	29
62	Fragmentation pathways of polycyclic polyisoprenylated benzophenones and degradation profile of nemorosone by multiple-stage tandem mass spectrometry. Journal of the American Society for Mass Spectrometry, 2009, 20, 1688-1698.	1.2	29
63	Outer Membrane Vesicles Derived from Klebsiella pneumoniae Are a Driving Force for Horizontal Gene Transfer. International Journal of Molecular Sciences, 2021, 22, 8732.	1.8	29
64	Chemical biology of Histone acetyltransferase natural compounds modulators. Molecular Diversity, 2011, 15, 401-416.	2.1	28
65	Bioactive Limonoids from the Leaves of Azaridachta indica (Neem). Journal of Natural Products, 2014, 77, 596-602.	1.5	27
66	Detection of soluble BAG3 and anti-BAG3 antibodies in patients with chronic heart failure. Cell Death and Disease, 2013, 4, e495-e495.	2.7	26
67	Hexafluoroisopropanol and Acid Destabilized Forms of Apomyoglobin Exhibit Structural Differencesâ€. Biochemistry, 2003, 42, 312-319.	1.2	25
68	Electrospray ionization mass spectrometry for identification and structural characterization of pregnane glycosides. Rapid Communications in Mass Spectrometry, 2005, 19, 1041-1052.	0.7	25
69	Outer Membrane Vesicles Derived from Klebsiella pneumoniae Influence the miRNA Expression Profile in Human Bronchial Epithelial BEAS-2B Cells. Microorganisms, 2020, 8, 1985.	1.6	25
70	Bioassay-Guided Isolation of Proanthocyanidins with Antiangiogenic Activities. Journal of Natural Products, 2013, 76, 29-35.	1.5	24
71	Impact of Ploidy Change on Secondary Metabolites and Photochemical Efficiency in Solanum Bulbocastanum. Natural Product Communications, 2013, 8, 1934578X1300801.	0.2	24
72	Antibacterial compounds from Salvia adenophora Fernald (Lamiaceae). Phytochemistry, 2015, 110, 120-132.	1.4	24

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73	Phytochemistry of compounds isolated from the leaf-surface extract of Psiadia punctulata (DC.) Vatke growing in Saudi Arabia. Phytochemistry, 2018, 155, 191-202.	1.4	24
74	Fusicoccane Diterpenes from Hypoestes forsskaolii as Heat Shock Protein 90 (Hsp90) Modulators. Journal of Natural Products, 2019, 82, 539-549.	1.5	24
75	Conformational changes in the NS3 protease from hepatitis C virus strain Bk monitored by limited proteolysis and mass spectrometry. Protein Science, 1999, 8, 1445-1454.	3.1	23
76	Hsp90 Activity Modulation by Plant Secondary Metabolites. Planta Medica, 2015, 81, 1223-1239.	0.7	23
77	The antiproliferative and proapoptotic effects of cladosporols A and B are related to their different binding mode as PPARÎ³ ligands. Biochemical Pharmacology, 2016, 108, 22-35.	2.0	23
78	Lecithin-cholesterol acyltransferase in brain: Does oxidative stress influence the 24-hydroxycholesterol esterification?. Neuroscience Research, 2016, 105, 19-27.	1.0	23
79	Recombinant mussel protein Pvfp-5Î²: A potential tissue bioadhesive. Journal of Biological Chemistry, 2019, 294, 12826-12835.	1.6	23
80	Inhibition of bone resorption by Tanshinone VI isolated from Salvia miltiorrhiza Bunge. European Journal of Histochemistry, 2010, 54, 21.	0.6	22
81	Identification of Small-Molecule Enhancers of Arginine Methylation Catalyzed by Coactivator-Associated Arginine Methyltransferase 1. Journal of Medicinal Chemistry, 2012, 55, 9875-9890.	2.9	22
82	Pro-Inflammatory Effects of Indoxyl Sulfate in Mice: Impairment of Intestinal Homeostasis and Immune Response. International Journal of Molecular Sciences, 2021, 22, 1135.	1.8	22
83	Human hepatocellular carcinoma expresses specific PCNA isoforms: an in vivo and in vitro evaluation. Laboratory Investigation, 2008, 88, 995-1007.	1.7	21
84	A fast and efficient LCâ€“MS/MS method for detection, identification and quantitative analysis of bioactive sesterterpenes in Salvia dominica crude extracts. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 70-77.	1.4	21
85	Biological and geochemical markers of the geographical origin and genetic identity of potatoes. Journal of Geochemical Exploration, 2012, 121, 62-68.	1.5	21
86	A UHPLCâ€“MS/MS-based method for the simultaneous monitoring of eight antiblastic drugs in plasma and urine of exposed healthcare workers. Journal of Pharmaceutical and Biomedical Analysis, 2018, 154, 245-251.	1.4	21
87	The Effect of Plasma Protein Binding on the Therapeutic Monitoring of Antiseizure Medications. Pharmaceutics, 2021, 13, 1208.	2.0	21
88	Identification of a synaptosome- associated form of BAG3 protein. Cell Cycle, 2008, 7, 3104-3105.	1.3	20
89	Improving in vivo conversion of oleuropein into hydroxytyrosol by oral granules containing probiotic Lactobacillus plantarum 299v and an Olea europaea standardized extract. International Journal of Pharmaceutics, 2018, 543, 73-82.	2.6	20
90	Antiproliferative Oleanane Saponins fromMeryta denhamii. Journal of Natural Products, 2008, 71, 1000-1004.	1.5	19

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91	A chemical proteomics approach reveals Hsp27 as a target for proapoptotic clerodane diterpenes. Molecular BioSystems, 2012, 8, 2637.	2.9	19
92	Biflavonoids from Daphne linearifolia Hart.. Phytochemistry Letters, 2012, 5, 621-625.	0.6	19
93	Establishment and analysis of in vitro biomass from Salvia corrugata Vahl. and evaluation of antimicrobial activity. Phytochemistry, 2016, 122, 276-285.	1.4	19
94	New diphenylmethane derivatives as peroxisome proliferator-activated receptor alpha/gamma dual agonists endowed with anti-proliferative effects and mitochondrial activity. European Journal of Medicinal Chemistry, 2017, 127, 379-397.	2.6	19
95	Production in Escherichia coli of recombinant COVID-19 spike protein fragments fused to CRM197. Biochemical and Biophysical Research Communications, 2021, 558, 79-85.	1.0	18
96	Novel Autocrine and Paracrine Loops of the Stem Cell Factor/Chymase Network. International Archives of Allergy and Immunology, 1999, 118, 422-425.	0.9	17
97	Genetic and proteomic characterization of rifaximin resistance in Bifidobacterium infantis BI07. Research in Microbiology, 2007, 158, 355-362.	1.0	17
98	Modulation of apoptotic signalling by 9-hydroxystearic acid in osteosarcoma cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 139-146.	1.2	17
99	New dihydropyrimidin-2(1H)-one based Hsp90 C-terminal inhibitors. RSC Advances, 2016, 6, 82330-82340.	1.7	17
100	Structure of Lipid A fromPseudomonas corrugata by electrospray ionization quadrupole time-of-flight tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 853-858.	0.7	16
101	Isolation and structural characterization of glycosides from an anti-angiogenic extract of Monnina obtusifolia H.B.K.. FÃ¬toterapÃ¬Ã¢, 2011, 82, 178-183.	1.1	16
102	Diterpenes and phenolic compounds from Sideritis pullulans. Phytochemistry, 2014, 106, 164-170.	1.4	15
103	The level of 24-Hydroxycholesteryl Esters is an Early Marker of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2017, 56, 825-833.	1.2	15
104	Differences between the Glycosylation Patterns of Haptoglobin Isolated from Skin Scales and Plasma of Psoriatic Patients. PLoS ONE, 2012, 7, e52040.	1.1	15
105	Research Article: The Nâ€Terminal Domain of 2â€²,3â€²â€Cyclic Nucleotide 3â€²â€Phosphodiesterase Harbors a GTP/ATP Binding Site. Chemical Biology and Drug Design, 2007, 70, 502-510.	1.5	14
106	13-Hydroxy-15-oxo-zoapatlin, an ent-kaurane diterpene, induces apoptosis in human leukemia cells, affecting thiol-mediated redox regulation. Free Radical Biology and Medicine, 2007, 43, 1409-1422.	1.3	14
107	Quantitative determination of haptoglobin glycoform variants in psoriasis. Biological Chemistry, 2010, 391, 1429-39.	1.2	14
108	Stabilization of the Escherichia coli DNA polymerase III Îµ subunit by the Î¸ subunit favors in vivo assembly of the Pol III catalytic core. Archives of Biochemistry and Biophysics, 2012, 523, 135-143.	1.4	14

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109	Dimeric and trimeric triazole based molecules as a new class of Hsp90 molecular chaperone inhibitors. European Journal of Medicinal Chemistry, 2013, 65, 464-476.	2.6	14
110	Identification of a novel esterase from the thermophilic bacterium Geobacillus thermodenitrificans NG80-2. Extremophiles, 2019, 23, 407-419.	0.9	14
111	The Role of Glycation on the Aggregation Properties of IAPP. Frontiers in Molecular Biosciences, 2020, 7, 104.	1.6	14
112	Allosteric transitions of rabbit skeletal muscle lactate dehydrogenase induced by pH-dependent dissociation of the tetrameric enzyme. Biochimie, 2022, 199, 23-35.	1.3	14
113	Inhibition of the thioredoxin system is a basis for the antileukemic potential of 13-hydroxy-15-oxo-zoapatlin. Free Radical Biology and Medicine, 2008, 45, 875-884.	1.3	13
114	Insights in progressive myoclonus epilepsy: HSP70 promotes cystatin B polymerization. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 2591-2599.	1.1	13
115	Androstanes and pregnanes from Trichilia emetica ssp. suberosa J.J. de Wilde. Phytochemistry, 2013, 96, 437-442.	1.4	13
116	Benzophenone Glycosides from Hypericum humifusum ssp. austral. Journal of Natural Products, 2013, 76, 979-982.	1.5	13
117	Identification and mechanism of action analysis of the new PARP-1 inhibitor 2â€³-hydroxygenkwanol A. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1806-1814.	1.1	13
118	Development of a novel ionâ€pairing HPLCâ€FL method for the separation and quantification of hydroxychloroquine and its metabolites in whole blood. Biomedical Chromatography, 2018, 32, e4258.	0.8	13
119	Investigation of the Persistence of Penicillin G and Dihydrostreptomycin Residues in Milk of Lactating Buffaloes (Bubalus bubalis) Using Ultra-High-Performance Liquid Chromatography and Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2018, 66, 6388-6393.	2.4	13
120	Conformational analysis of putative regulatory subunit D of the toluene/o-xylene-monooxygenase complex from Pseudomonas stutzeri OX1. Protein Science, 2001, 10, 482-490.	3.1	12
121	Structural Characterization of the M* Partly Folded Intermediate of Wild Type and P138A Aspartate Aminotransferase from Escherichia coli. Journal of Biological Chemistry, 2002, 277, 17428-17437.	1.6	11
122	A compound-based proteomic approach discloses 15-ketoatractyligenin methyl ester as a new PPARÎ³ partial agonist with anti-proliferative ability. Scientific Reports, 2017, 7, 41273.	1.6	11
123	N6-Isopentenyladenosine Inhibits Colorectal Cancer and Improves Sensitivity to 5-Fluorouracil Targeting FBXW7 Tumor Suppressor. Cancers, 2019, 11, 1456.	1.7	11
124	Development and Validation of a Reverse-Phase High-Performance Liquid Chromatography with Fluorescence Detection (RP-HPLC-FL) Method to Quantify Ruxolitinib in Plasma Samples. Analytical Letters, 2019, 52, 1328-1339.	1.0	11
125	Limonoids from Guarea guidonia and Cedrela odorata: Heat Shock Protein 90 (Hsp90) Modulator Properties of Chisomicine D. Journal of Natural Products, 2021, 84, 724-737.	1.5	11
126	Trypsin Sheds Light on the Singular Case of Seminal RNase, a Dimer with Two Quaternary Conformations. Journal of Biological Chemistry, 2000, 275, 8000-8006.	1.6	10

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127	Dual role of imidazole as activator/inhibitor of sweet almond (Prunus dulcis) Î²-glucosidase. Biochemistry and Biophysics Reports, 2017, 10, 137-144.	0.7	10
128	Bioactive Ent-Kaurane Diterpenes Oridonin and Irudonin Prevent Cancer Cells Migration by Interacting with the Actin Cytoskeleton Controller Ezrin. International Journal of Molecular Sciences, 2020, 21, 7186.	1.8	10
129	A Series of Ferulic Acid Amides Reveals Unexpected Peroxiredoxin 1 Inhibitory Activity with inâ€…vivo Antidiabetic and Hypolipidemic Effects. ChemMedChem, 2021, 16, 484-498.	1.6	10
130	Intramolecular interchain reactions in bidesmosidic glycosides, a new insight into carbohydrate rearrangements induced by electrospray ionisation. Rapid Communications in Mass Spectrometry, 2007, 21, 286-296.	0.7	9
131	Gypsins Aâ˜D from Gypsophila arabica. Journal of Natural Products, 2008, 71, 1336-1342.	1.5	9
132	Proteolysis of the proofreading subunit controls the assembly of Escherichia coli DNA polymerase III catalytic core. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1606-1615.	1.1	9
133	Backbone chemical shift spectral assignments of SARS coronavirus-2 non-structural protein nsp9. Biomolecular NMR Assignments, 2021, 15, 235-241.	0.4	9
134	New Phenolic Glycosides from Securinega virosa and Their Antioxidant Activity. Natural Product Communications, 2009, 4, 1934578X0900401.	0.2	7
135	Powerful tumor cell growth-inhibiting activity of a synthetic derivative of atractyligenin: Involvement of PI3K/Akt pathway and thioredoxin system. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1135-1144.	1.1	7
136	Molecular signatures writtenÂinÂbone proteins of 79 AD victims from Herculaneum and Pompeii. Scientific Reports, 2022, 12, .	1.6	7
137	Selective and asymmetric action of trypsin on the dimeric forms of seminal RNase. Protein Science, 1998, 7, 2653-2658.	3.1	6
138	Identification of candidate biomarkers of the exposure to PCBs in contaminated cattle: A gene expression- and proteomic-based approach. Science of the Total Environment, 2018, 640-641, 22-30.	3.9	6
139	Novosphingobium sp. PP1Y as a novel source of outer membrane vesicles. Journal of Microbiology, 2019, 57, 498-508.	1.3	6
140	A Genotyping/Phenotyping Approach with Careful Clinical Monitoring to Manage the Fluoropyrimidines-Based Therapy: Clinical Cases and Systematic Review of the Literature. Journal of Personalized Medicine, 2020, 10, 113.	1.1	6
141	The effect of prime-site occupancy on the hepatitis C virus NS3 protease structure. Protein Science, 2009, 11, 2102-2112.	3.1	5
142	The DnaE polymerase from Deinococcus radiodurans features RecA-dependent DNA polymerase activity. Bioscience Reports, 2016, 36, .	1.1	5
143	Accumulation of Polychlorinated Biphenyls in Mussels: A Proteomic Study. Journal of Food Protection, 2018, 81, 316-324.	0.8	5
144	Substrate Activation of the Low-Molecular Weight Protein Tyrosine Phosphatase from Mycobacterium tuberculosis. Biochemistry, 2020, 59, 1137-1148.	1.2	5

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145	Perampanel dosage in plasma samples: development and validation of a novel HPLC method with combined UV-Fluorescence detection. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114252.	1.4	5
146	Manganese is a Deinococcus radiodurans growth limiting factor in rich culture medium. Microbiology (United Kingdom), 2018, 164, 1266-1275.	0.7	5
147	Food Matrices Affect the Peptides Produced during the Digestion of Arthrospira platensis-Based Functional Aliments. Nutrients, 2021, 13, 3919.	1.7	5
148	Antiproliferative Oleanane Saponins from Polyscias Guilfoylei. Natural Product Communications, 2008, 3, 1934578X0800301.	0.2	3
149	The thumb domain is not essential for the catalytic action of HoLaMa DNA polymerase. Protein Journal, 2017, 36, 453-460.	0.7	3
150	Purification of active recombinant human histone deacetylase 1 (HDAC1) overexpressed in Escherichia coli. Biotechnology Letters, 2018, 40, 1355-1363.	1.1	3
151	Liquid levothyroxine sodium therapy improves pharmacologic thyroid-stimulating hormone homeostasis in patients with reduced efficacy for tablet levothyroxine sodium after sleeve gastrectomy. A case report. Obesity Surgery, 2021, 31, 4649-4652.	1.1	3
152	Platelet Inhibition with Ticagrelor 60Âmg Versus 90Âmg Twice Daily in Elderly Patients with Acute Coronary Syndrome: Rationale and Design of the PLINY THE ELDER Trial. Cardiovascular Drugs and Therapy, 2023, 37, 1031-1038.	1.3	3
153	Simultaneous ternary extension of DNA catalyzed by a trimeric replicase assembled inÂvivo. Biochemical and Biophysical Research Communications, 2015, 462, 14-20.	1.0	2
154	Purification from Deinococcus radiodurans of a 66ÂkDaÂABC transporter acting on peptides containing at least 3 amino acids. Biochemical and Biophysical Research Communications, 2020, 529, 869-875.	1.0	2
155	Molecular Dissection of dH3w, A Fluorescent Peptidyl Sensor for Zinc and Mercury. Sensors, 2020, 20, 598.	2.1	2
156	The plant diterpene epoxysiderol targets Hsp70 in cancer cells, affecting its ATPase activity and reducing its translocation to plasma membrane. International Journal of Biological Macromolecules, 2021, 189, 262-270.	3.6	2
157	Antiproliferative Oleanane Saponins from Dizygotheca Elegantissima. Natural Product Communications, 2012, 7, 1934578X1200701.	0.2	1
158	Axinellins A and B: New Proline-Containing Antiproliferative Cyclopeptides from the Vanuatu Sponge Axinella carteri. European Journal of Organic Chemistry, 1998, 1998, 2659-2665.	1.2	1
159	Novel Drug Targets for the Treatment of Cardiac Diseases. Current Pharmacogenomics and Personalized Medicine, 2017, 15, .	0.2	1
160	Cyclobutane dimer iridoids from Tabebuia argentea Britt. (Bignoniaceae). Planta Medica, 2010, 76, .	0.7	1
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