

Jos M Padrn

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164
papers

2,516
citations

27
h-index

40
g-index

199
ext. papers

2,916
ext. citations

4
avg, IF

4.85
L-index

#	Paper	IF	Citations
164	Enantiospecific synthesis of amino acid semialdehydes: a key step for the synthesis of unnatural unsaturated and saturated amino acids. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 3381-3394		78
163	A General Approach to the Asymmetric Synthesis of Unsaturated Lipidic Amino Acids. The First Synthesis of Aminoarachidonic Acid. <i>Journal of Organic Chemistry</i> , 1998 , 63, 3741-3744	4.2	73
162	Prins-type synthesis and SAR study of cytotoxic alkyl chloro dihydropyrans. <i>ChemMedChem</i> , 2006 , 1, 323-327	3.7	62
161	The multilayered postconfluent cell culture as a model for drug screening. <i>Critical Reviews in Oncology/Hematology</i> , 2000 , 36, 141-57	7	62
160	Antiproliferative activity of synthetic naphthoquinones related to lapachol. First synthesis of 5-hydroxylapachol. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 2621-30	3.4	60
159	Enantioselective transport by a steroidal guanidinium receptor. <i>Chemistry - A European Journal</i> , 2002 , 8, 2931-6	4.8	60
158	Stereocontrolled Synthesis of Cyclic Ethers by Intramolecular Hetero-Michael Addition. 5. Synthesis of All Diastereoisomers of 2,3,5,6-Tetrasubstituted Tetrahydropyrans. <i>Journal of Organic Chemistry</i> , 1997 , 62, 4570-4583	4.2	54
157	Novel clioquinol and its analogous platinum complexes: importance, role of the halogen substitution and the hydroxyl group of the ligand. <i>Dalton Transactions</i> , 2013 , 42, 13343-8	4.3	53
156	Abietane diterpenoids from <i>Salvia pachyphylla</i> and <i>S. clevelandii</i> with cytotoxic activity against human cancer cell lines. <i>Journal of Natural Products</i> , 2006 , 69, 1803-5	4.9	53
155	Folate depletion increases sensitivity of solid tumor cell lines to 5-fluorouracil and antifolates. <i>International Journal of Cancer</i> , 2000 , 87, 771-8	7.5	53
154	Catalytically Generated Ferrocene-Containing Guanidines as Efficient Precursors for New Redox-Active Heterometallic Platinum(II) Complexes with Anticancer Activity. <i>Organometallics</i> , 2015 , 34, 5407-5417	3.8	48
153	Antiproliferative activity of novel benzo[b][1,6]naphthyridines in human solid tumor cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 1504-6	2.9	44
152	Antiproliferative activity of withanolides against human breast cancer cell lines. <i>Journal of Natural Products</i> , 2010 , 73, 966-8	4.9	43
151	Novel antiproliferative analogs of the Taq DNA polymerase inhibitor catalpol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 1332-5	2.9	40
150	New tacrine dimers with antioxidant linkers as dual drugs: Anti-Alzheimer and antiproliferative agents. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 761-773	6.8	38
149	Heterometallic platinum(II) compounds with aminoethylferrocenes: synthesis, electrochemical behaviour and anticancer activity. <i>Dalton Transactions</i> , 2012 , 41, 432-41	4.3	38
148	Stereocontrolled Synthesis of Cyclic Ethers by Intramolecular Hetero-Michael Addition. 6. A Computational Study of the Annelation to 2,3-Disubstituted Tetrahydropyrans. <i>Journal of Organic Chemistry</i> , 1997 , 62, 4584-4590	4.2	38

147	Hydroxyl alkyl ammonium ionic liquid assisted green and one-pot regioselective access to functionalized pyrazolodihydropyridine core and their pharmacological evaluation. <i>Bioorganic Chemistry</i> , 2019 , 86, 137-150	5.1	38
146	Reactivity and biological properties of a series of cytotoxic Pt(II)(amine) ₂ complexes, either cis or trans configured. <i>Inorganic Chemistry</i> , 2012 , 51, 1717-26	5.1	34
145	Molecular simplification in bioactive molecules: formal synthesis of (+)-muconin. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2339-45	4.2	33
144	The tert-butyl dimethyl silyl group as an enhancer of drug cytotoxicity against human tumor cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 3536-9	2.9	33
143	Influence of the configurational pattern of sp ² -iminosugar pseudo N-, S-, O- and C-glycosides on their glycoside inhibitory and antitumor properties. <i>Carbohydrate Research</i> , 2016 , 429, 113-22	2.9	32
142	Cytotoxic Profile and Peculiar Reactivity with Biomolecules of a Novel "Rule-Breaker" Iridoplatinum(II) Complex. <i>ACS Medicinal Chemistry Letters</i> , 2010 , 1, 381-5	4.3	31
141	Repurposing old drugs to fight multidrug resistant cancers. <i>Drug Resistance Updates</i> , 2020 , 52, 100713	23.2	29
140	Δ ¹¹ Lapachone analogs with enhanced antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2012 , 53, 264-74	6.8	29
139	Sphingolipids in anticancer therapy. <i>Current Medicinal Chemistry</i> , 2006 , 13, 755-70	4.3	28
138	Synthesis of monomeric and dimeric steroids containing [1,2,4]triazolo[1,5-a]pyrimidines. <i>Steroids</i> , 2016 , 116, 13-19	2.8	28
137	Anti-Proliferative 1,4-Dihydropyridine and Pyridine Derivatives Synthesized through a Catalyst-Free, One-Pot Multi-Component Reaction. <i>ChemistrySelect</i> , 2018 , 3, 12163-12168	1.8	27
136	Belizeanolide, a cytotoxic macrolide from the dinoflagellate <i>Prorocentrum belizeanum</i> . <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 796-9	16.4	26
135	Antiproliferative activity in HL60 cells by tetrasubstituted pyrroles: a structure-activity relationship study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 2487-90	2.9	26
134	A general approach to the enantiomeric synthesis of lipidic β-amino acids, peptides and vicinal amino alcohols. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 857-866		26
133	New selenosteroids as antiproliferative agents. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 5041-5054	3.9	25
132	Antiproliferative activity of 2-alkyl-4-halopiperidines and 2-alkyl-4-halo-1,2,5,6-tetrahydropyridines in solid tumor cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 2681-4	2.9	25
131	Direct stereoselective synthesis of enantiomerically pure anti-β-amino alcohols. <i>Journal of Organic Chemistry</i> , 2014 , 79, 6775-82	4.2	23
130	Antileishmanial activity of sp ² -iminosugar derivatives. <i>RSC Advances</i> , 2015 , 5, 21812-21822	3.7	23

129	Efficient synthesis of some new antiproliferative N-fused indoles and isoquinolines via 1,3-dipolar cycloaddition reaction in an ionic liquid. <i>New Journal of Chemistry</i> , 2015 , 39, 2657-2668	3.6	23
128	Antiproliferative activity of dmoPTA-Ru(II) complexes against human solid tumor cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 4568-71	2.9	23
127	Phenolic thio- and selenosemicarbazones as multi-target drugs. <i>European Journal of Medicinal Chemistry</i> , 2015 , 94, 63-72	6.8	22
126	Synthesis and antiproliferative activity of the heterobimetallic complexes [RuClCp(HdmoPTA-1P:2DN,NOMCl)] (M = Co, Ni, Zn; dmoPTA = 3,7-dimethyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane). <i>Dalton Transactions</i> , 2013 , 42, 11212-9	4.3	22
125	Novel N-sulfonamide trans-platinum complexes: synthesis, reactivity and in vitro evaluation. <i>MedChemComm</i> , 2011 , 2, 789	5	22
124	Antiproliferative terpenoids and alkaloids from the roots of <i>Maytenus vitis-idaea</i> and <i>Maytenus spinosa</i> . <i>Phytochemistry</i> , 2010 , 71, 1741-8	4	22
123	Synthesis and antiproliferative activity of novel sugiol beta-amino alcohol analogs. <i>European Journal of Medicinal Chemistry</i> , 2006 , 41, 1327-32	6.8	22
122	Synthesis, in vitro cytotoxicity and in vivo anti-inflammatory activity of long chain 3-amino-1,2-diols. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999 , 9, 821-6	2.9	22
121	Selenoureido-iminosugars: A new family of multitarget drugs. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 155-160	6.8	22
120	Synthesis and Antiproliferative Activity of [RuCp(PPh ₃) ₂ (HdmoPTA)](OSO ₂ CF ₃) ₂ (HdmoPTA = 3,7-H-3,7-Dimethyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane). <i>Inorganic Chemistry</i> , 2016 , 55, 7820-2	5.1	21
119	Antiproliferative and Structure Activity Relationships of Amarylidiaceae Alkaloids. <i>Molecules</i> , 2015 , 20, 13854-63	4.8	21
118	QSAR on antiproliferative naphthoquinones based on a conformation-independent approach. <i>European Journal of Medicinal Chemistry</i> , 2014 , 77, 176-84	6.8	21
117	Selenazoly-hydrazones as Novel Selective MAO Inhibitors With Antiproliferative and Antioxidant Activities: Experimental and Studies. <i>Frontiers in Chemistry</i> , 2018 , 6, 247	5	21
116	Dienamine and Friedel-Crafts one-pot synthesis, and antitumor evaluation of diheteroarylalkanal. <i>Chemistry - A European Journal</i> , 2015 , 21, 8237-41	4.8	19
115	Anti-inflammatory activity of a novel family of aryl ureas compounds in an endotoxin-induced airway epithelial cell injury model. <i>PLoS ONE</i> , 2012 , 7, e48468	3.7	19
114	beta-Hydroxy-alpha,beta-unsaturated ketones: A new pharmacophore for the design of anticancer drugs. Part 2. <i>ChemMedChem</i> , 2008 , 3, 1740-7	3.7	19
113	Derivatives of grindelic acid: from a non-active natural diterpene to synthetic antitumor derivatives. <i>European Journal of Medicinal Chemistry</i> , 2013 , 67, 28-38	6.8	18
112	Mitotic arrest induced by a novel family of DNA topoisomerase II inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 3835-9	8.3	17

111	Cytotoxicity of sphingoid marine compound analogs in mono- and multilayered solid tumor cell cultures. <i>Investigational New Drugs</i> , 2006 , 24, 195-202	4.3	17
110	Detection of an alternatively spliced form of deoxycytidine kinase mRNA in the 2Q2Qdifluorodeoxycytidine (gemcitabine)-resistant human ovarian cancer cell line AG6000. <i>Biochemical Pharmacology</i> , 2004 , 68, 601-9	6	17
109	Novel synthesis of steroidal oximes and lactams and their biological evaluation as antiproliferative agents. <i>Steroids</i> , 2017 , 122, 24-33	2.8	16
108	Synthesis and identification of unprecedented selective inhibitors of CK1 β . <i>European Journal of Medicinal Chemistry</i> , 2015 , 96, 308-17	6.8	16
107	Expanding the synthesis of new trans-sulfonamide platinum complexes: cytotoxicity, SAR, fluorescent cell assays and stability studies. <i>Journal of Inorganic Biochemistry</i> , 2013 , 127, 128-40	4.2	16
106	Enhancement of antiproliferative activity by molecular simplification of catalpol. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 2515-23	3.4	16
105	ent-Labdane Diterpenoids from the Aerial Parts of <i>Eupatorium obtusissimum</i> . <i>Journal of Natural Products</i> , 2016 , 79, 907-13	4.9	16
104	Enhancement of the antiproliferative activity of [RuCp(PPh)(dmoPTA-1B)] via its coordination to one {CoCl} unit: synthesis, crystal structure and properties of [RuCp(PPh)-EdmoPTA-1B:2N,NGCoCl](OTf)D.25HO. <i>Dalton Transactions</i> , 2017 , 46, 8009-8012	4.3	15
103	Synthesis and antiproliferative activity of β -branched α -unsaturated ketones. <i>European Journal of Medicinal Chemistry</i> , 2013 , 70, 568-78	6.8	15
102	Synthesis and antiproliferative activity of (2R,3R)-disubstituted tetrahydropyrans. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 6135-8	2.9	15
101	Highly selective hydroformylation of the cinchona alkaloids. <i>Journal of Organic Chemistry</i> , 2002 , 67, 5022-44	4.4	15
100	Synthesis and antiproliferative activity of 2,4-disubstituted 6-aryl-7H-pyrrolo[3,2-d]pyrimidin-7-one 5-oxides. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 4955-60	3.4	14
99	Antiproliferative activity of 4-chloro-5,6-dihydro-2H-pyrans. Part 2: Enhancement of drug cytotoxicity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 3087-90	2.9	14
98	DTA0100, dual topoisomerase II and microtubule inhibitor, evades paclitaxel resistance in P-glycoprotein overexpressing cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 105, 159-168	5.1	13
97	Tacrine-O-protected phenolics heterodimers as multitarget-directed ligands against Alzheimer's disease: Selective subnanomolar BuChE inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111550	6.8	13
96	Synthesis and bioactivity of Luffarin I. <i>Marine Drugs</i> , 2015 , 13, 2407-23	6	12
95	Tessaric acid derivatives induce G2/M cell cycle arrest in human solid tumor cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 6251-6	3.4	12
94	BetaHydroxy-alpha,beta-unsaturated ketones: a new pharmacophore for the design of anticancer drugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 2266-9	2.9	12

93	Synthesis of unprecedented steroidal spiro heterocycles as potential antiproliferative drugs. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 21-32	6.8	11
92	Antiproliferative activity of withanolide derivatives from <i>Jaborosa cabreriae</i> and <i>Jaborosa reflexa</i> . Chemotaxonomic considerations. <i>Phytochemistry</i> , 2012 , 76, 150-7	4	11
91	Enhancement of Drug Cytotoxicity by Silicon Containing Groups. <i>Letters in Drug Design and Discovery</i> , 2006 , 3, 29-34	0.8	11
90	A novel substrate directed multicomponent reaction for the syntheses of tetrahydro-spiro[pyrazolo[4,3-]quinoline]-8,5@pyrimidines and tetrahydro-pyrazolo[4,3-]pyrimido[4,5-]quinolines selective multiple C-C bond formation under metal-free conditions. <i>RSC Advances</i> , 2020 , 10, 19600-19609	3.7	11
89	Phytochemical Study of <i>Senecio volckmannii</i> Assisted by CASE-3D with Residual Dipolar Couplings and Isotropic H/C NMR Chemical Shifts. <i>Journal of Natural Products</i> , 2018 , 81, 2329-2337	4.9	11
88	Oxa/thiazole-tetrahydropyran triazole-linked hybrids with selective antiproliferative activity against human tumour cells. <i>New Journal of Chemistry</i> , 2018 , 42, 13784-13789	3.6	10
87	Synthesis of polyfluoroalkyl sp-iminosugar glycolipids and evaluation of their immunomodulatory properties towards anti-tumor, anti-leishmanial and anti-inflammatory therapies. <i>European Journal of Medicinal Chemistry</i> , 2019 , 182, 111604	6.8	10
86	Selenocoumarins as new multitarget antiproliferative agents: Synthesis, biological evaluation and in silico calculations. <i>European Journal of Medicinal Chemistry</i> , 2019 , 179, 493-501	6.8	10
85	Effect of electronic and steric properties of 8-substituted quinolines in gold(III) complexes: Synthesis, electrochemistry, stability, interactions and antiproliferative studies. <i>Journal of Inorganic Biochemistry</i> , 2017 , 174, 111-118	4.2	10
84	One-pot synthesis and SAR study of cis-2,6-dialkyl-4-chloro-tetrahydropyrans. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 3135-8	2.9	10
83	Antiproliferative Activity and Cytotoxicity of Some Medicinal Wood-Destroying Mushrooms from Russia. <i>International Journal of Medicinal Mushrooms</i> , 2018 , 20, 1-11	1.3	10
82	Synthesis and Biological Studies of (+)-Liquiditerpenoic Acid A (Abietopinoic Acid) and Representative Analogues: SAR Studies. <i>Journal of Natural Products</i> , 2019 , 82, 823-831	4.9	9
81	Synthesis and antiproliferative activity of new 2-glyco-3-nitro-2H-chromenes. <i>Bioorganic Chemistry</i> , 2019 , 87, 112-116	5.1	9
80	Synthesis and antiproliferative activity of (2R,3R)-disubstituted tetrahydropyrans. Part 2: Effect of side chain homologation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 780-3	2.9	9
79	Synthesis and biological evaluation of crown ether acyl derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5591-5593	2.9	9
78	New pyrazolyl-dibenzo[b,e][1,4]diazepinones: room temperature one-pot synthesis and biological evaluation. <i>Molecular Diversity</i> , 2020 , 24, 355-377	3.1	9
77	A green multicomponent synthesis of tocopherol analogues with antiproliferative activities. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1888-1902	6.8	9
76	Synthesis and antiproliferative activity of sulfa-Michael adducts and thiochromenes derived from carbohydrates. <i>New Journal of Chemistry</i> , 2017 , 41, 3154-3162	3.6	8

75	Biomimetic synthesis of two salmahyrtisanes: salmahyrtisol A and hippospongide A. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4566-72	4.2	8
74	Acanthamoeba castellanii: A new high-throughput method for drug screening in vitro. <i>Acta Tropica</i> , 2016 , 164, 95-99	3.2	8
73	Inhibition of endotoxin-induced airway epithelial cell injury by a novel family of pyrrol derivatives. <i>Laboratory Investigation</i> , 2016 , 96, 632-40	5.9	8
72	Synthesis and biological activity of polyalthenol and pentacyclindole analogues. <i>European Journal of Medicinal Chemistry</i> , 2014 , 73, 265-79	6.8	8
71	New strategy toward the diverted synthesis of oxidized abietane diterpenes via oxidation of 6,7-dehydroferruginol methyl ether with dimethyldioxirane. <i>Tetrahedron Letters</i> , 2013 , 54, 4479-4482	2	8
70	Synthesis and in vitro antiproliferative activities of (5-aryl-1,2,4-oxadiazole-3-yl) methyl d-ribofuranosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3674-3677	2.9	8
69	Oxazole/Thiazole and Triazole Hybrids Based on α -Amino Acids. <i>Synthesis</i> , 2014 , 46, 2451-2462	2.9	8
68	A Short and Efficient Enantiomeric Synthesis of Antitumor Fused Tetrahydrofurans. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 1910-1916	3.2	8
67	MicroRNAs Targeting MYC Expression: Trace of Hope for Pancreatic Cancer Therapy. A Systematic Review. <i>Cancer Management and Research</i> , 2020 , 12, 2393-2404	3.6	8
66	Synthesis of Luffarin L and 16-epi-Luffarin L Using a Temporary Silicon-Tethered Ring-Closing Metathesis Reaction. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6447-55	4.2	7
65	Synthesis and Biological Evaluation of 1-Deoxy-5-hydroxysphingosine Derivatives. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 960-967	3.2	7
64	Samarium(II) promoted stereoselective synthesis of antiproliferative cis-beta-alkoxy-gamma-alkyl-gamma-lactones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 18-21	2.9	7
63	Cytotoxic effects of C-glycosides in HOS and HeLa cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 3676-81	2.9	7
62	Gamma-lactones alpha,beta- and beta,gamma-fused to carbocycles as novel antiproliferative drugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5171-3	2.9	7
61	Selective cell kill of the combination of gemcitabine and cisplatin in multilayered postconfluent tumor cell cultures. <i>Anti-Cancer Drugs</i> , 1999 , 10, 445-52	2.4	7
60	Synthesis of Novel 1,2,3-Triazole-Dihydropyrimidinone Hybrids Using Multicomponent 1,3-Dipolar Cycloaddition (Click) Biginelli Reactions: Anticancer Activity. <i>Synlett</i> , 2020 , 31, 615-621	2.2	7
59	One Step Up in Antiproliferative Activity: The Ru-Zn Complex [RuCp(PPh ₃) ₂ - μ -dmoPTA-1P:2N,N'-ZnCl ₂](CF ₃ SO ₃). <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4684-4688	2.3	7
58	Efficient synthesis and biological evaluation of new benzopyran-annulated pyrano[2,3-c]pyrazole derivatives. <i>Molecular Diversity</i> , 2017 , 21, 339-354	3.1	6

57	Chalcogen-containing phenolics as antiproliferative agents. <i>Future Medicinal Chemistry</i> , 2018 , 10, 319-334.	4.1	6
56	A catalyst- and solvent-free multicomponent synthesis and docking study of some new antiproliferative N5-allyl-quinolylpyrido[2,3-b][1,4]benzodiazepinone precursors. <i>New Journal of Chemistry</i> , 2016 , 40, 4931-4939	3.6	6
55	A modular approach to trim cellular targets in anticancer drug discovery. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6641-5	2.9	6
54	Antiproliferative effect of extract from endophytic fungus <i>Curvularia trifolii</i> isolated from the "Veracruz Reef System" in Mexico. <i>Pharmaceutical Biology</i> , 2016 , 54, 1392-7	3.8	6
53	Total synthesis of (+)-herboxidiene/GEX 1A. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1842-1862	3.9	5
52	Preparation of Sesquiterpene Lactone Derivatives: Cytotoxic Activity and Selectivity of Action. <i>Molecules</i> , 2019 , 24,	4.8	5
51	Synthesis and antiproliferative activity of glutamic acid-based dipeptides. <i>Amino Acids</i> , 2015 , 47, 1527-32.	3.5	5
50	In Vitro and In Silico Screening of 2,4,5-Trisubstituted Imidazole Derivatives as Potential Xanthine Oxidase and Acetylcholinesterase Inhibitors, Antioxidant, and Antiproliferative Agents. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2889	2.6	5
49	A Focused Library of NO-Donor Compounds with Potent Antiproliferative Activity Based on Green Multicomponent Reactions. <i>ChemMedChem</i> , 2019 , 14, 1669-1683	3.7	5
48	Tuning the activity of iminosugars: novel -alkylated deoxynojirimycin derivatives as strong BuChE inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 138-146	5.6	5
47	Synthesis and in vitro study of antiproliferative benzyloxy dihydropyrimidinones. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2000466	4.3	5
46	Biological Activities of Extracts from Aerial Parts of <i>Epling Ex Munz</i> . <i>Plants</i> , 2018 , 7,	4.5	5
45	Structural, antioxidant, antiproliferative and in-silico study of pyridine-based hydrazone-selenazoles and their sulphur isosteres. <i>Journal of Molecular Structure</i> , 2021 , 1240, 130512	3.4	5
44	Quinoxaline: A Comprehension of current pharmacological advancement in medicinal chemistry. <i>European Journal of Medicinal Chemistry Reports</i> , 2022 , 100040		5
43	Flavonoids from <i>Eupatorium illitum</i> and Their Antiproliferative Activities. <i>Pharmacognosy Journal</i> , 2015 , 7, 178-181	1.6	4
42	Masked Phenolic-Selenium Conjugates: Potent and Selective Antiproliferative Agents Overcoming P-gp Resistance. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	4
41	Ring-closing metathesis as key step in the synthesis of Luffarin I, 16-epi-Luffarin I and Luffarin A. <i>Molecular Diversity</i> , 2016 , 20, 369-77	3.1	4
40	Antiproliferative and quinone reductase-inducing activities of withanolides derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014 , 82, 68-81	6.8	4

39	Antiproliferative Activity and Effect on GABAA Receptors of Callitricic Acid Derivatives. <i>Planta Medica International Open</i> , 2017 , 4, e89-e92	0.8	3
38	Thiol-ene "Click" Synthesis and Pharmacological Evaluation of α -Glycoside sp-Iminosugar Glycolipids. <i>Molecules</i> , 2019 , 24,	4.8	3
37	Silver-based monomer and coordination polymer with organic thiocyanate ligand: Structural, computational and antiproliferative activity study. <i>Polyhedron</i> , 2019 , 173, 114132	2.7	3
36	Synthesis and Evaluation of Pyrimidine Steroids as Antiproliferative Agents. <i>Molecules</i> , 2019 , 24,	4.8	3
35	Molecular docking studies of the interaction between propargylic enol ethers and human DNA topoisomerase II β . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5382-4	2.9	3
34	Synthesis and in vitro cytotoxicity of novel long chain busulphan analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 861-3	2.9	3
33	2-Aminobenzoxazole-appended coumarins as potent and selective inhibitors of tumour-associated carbonic anhydrases.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 168-177	5.6	3
32	Synthesis and antiproliferative activity of peracetylated 2-amino-1,2-dideoxy-1-nitro-d-glycero-l-manno and d-glycero-d-talo heptitols. <i>Bioorganic Chemistry</i> , 2016 , 69, 71-76	5.1	3
31	Antiproliferative activity of new 2-glyco-3-nitro-1,2-dihydroquinolines and quinolines synthesized under solventless conditions promoted by neutral alumina. <i>New Journal of Chemistry</i> , 2018 , 42, 18342-18347	3.6	3
30	Koanolide A, antiproliferative germacrane-type sesquiterpene lactone from <i>Koanophyllon gibbosum</i> . <i>Tetrahedron Letters</i> , 2019 , 60, 1640-1642	2	2
29	Selective Antiproliferative Withanolides from Species in the Genera <i>Eriolarynx</i> and <i>Deprea</i> . <i>Journal of Natural Products</i> , 2019 , 82, 1338-1344	4.9	2
28	Pinnatifidenyne-Derived Ethynyl Oxirane Acetogenins from <i>Laurencia viridis</i> . <i>Marine Drugs</i> , 2017 , 16,	6	2
27	In vitro synergistic interaction between DTA0100 and radiation in human cancer cell lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012 , 12, 988-93	2.2	2
26	Bioprospecting of fungi with antiproliferative activity from the mangrove sediment of the Tampamachoco coastal lagoon, Veracruz, Mexico	48, 53-60	2
25	One-pot multicomponent green Hantzsch synthesis of 1,2-dihydropyridine derivatives with antiproliferative activity. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 2862-2869	2.5	2
24	Antioxidant, antiproliferative, and acetylcholinesterase inhibition activity of amino alcohol derivatives from 1,4-naphthoquinone. <i>Medicinal Chemistry Research</i> , 2020 , 29, 1986-1999	2.2	2
23	CKT0353, a novel microtubule targeting agent, overcomes paclitaxel induced resistance in cancer cells. <i>Investigational New Drugs</i> , 2020 , 38, 584-598	4.3	2
22	Biological Profiling of Semisynthetic C19-Functionalized Ferruginol and Sugiol Analogues. <i>Antibiotics</i> , 2021 , 10,	4.9	2

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20	Generation of artificial neural networks models in anticancer study. <i>Neural Computing and Applications</i> , 2013 , 23, 577-582	4.8	1
19	Direct Synthesis of Polybenzylated Glutamic Acid Monoesters: Disambiguation of N,N-Dibenzylglutamic Acid and Benzyl Esters. <i>Synlett</i> , 2014 , 25, 2166-2170	2.2	1
18	Cytotoxic Bioactivity of Some Phenylpropanoic Acid Derivatives. <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200701	0.9	1
17	Straightforward access to novel mitochondriotropics derived from 2-arylethanol as potent and selective antiproliferative agents. <i>European Journal of Medicinal Chemistry</i> , 2021 , 228, 113980	6.8	1
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