

# Vincenza Andrisano

## List of Publications by Citations

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176  
papers

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49  
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186  
ext. papers

8,510  
ext. citations

5  
avg, IF

5.47  
L-index

#	Paper	IF	Citations
176	beta-Amyloid aggregation induced by human acetylcholinesterase: inhibition studies. <i>Biochemical Pharmacology</i> , <b>2003</b> , 65, 407-16	6	448
175	Insight into the kinetic of amyloid beta (1-42) peptide self-aggregation: elucidation of inhibitors mechanism of action. <i>ChemBioChem</i> , <b>2007</b> , 8, 2152-61	3.8	289
174	3-(4-[[Benzyl(methyl)amino]methyl]phenyl)-6,7-dimethoxy-2H-2-chromenone (AP2238) inhibits both acetylcholinesterase and acetylcholinesterase-induced beta-amyloid aggregation: a dual function lead for Alzheimer's disease therapy. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 2279-82	8.3	237
173	Multi-target-directed drug design strategy: from a dual binding site acetylcholinesterase inhibitor to a trifunctional compound against Alzheimer's disease. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 6446-9	8.3	225
172	Rational approach to discover multipotent anti-Alzheimer drugs. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 360-3	8.3	206
171	Design, synthesis, and biological evaluation of dual binding site acetylcholinesterase inhibitors: new disease-modifying agents for Alzheimer's disease. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 7223-33	8.3	179
170	Multi-target-directed coumarin derivatives: hAChE and BACE1 inhibitors as potential anti-Alzheimer compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 423-6	2.9	171
169	Inhibition of acetylcholinesterase, beta-amyloid aggregation, and NMDA receptors in Alzheimer's disease: a promising direction for the multi-target-directed ligands gold rush. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 4381-4	8.3	170
168	Benzofuran-based hybrid compounds for the inhibition of cholinesterase activity, beta amyloid aggregation, and abeta neurotoxicity. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 2883-6	8.3	169
167	Novel donepezil-based inhibitors of acetyl- and butyrylcholinesterase and acetylcholinesterase-induced beta-amyloid aggregation. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 3588-98	8.3	163
166	A small molecule targeting the multifactorial nature of Alzheimer's disease. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 3689-92	16.4	156
165	Pyrano[3,2-c]quinoline-6-chlorotacrine hybrids as a novel family of acetylcholinesterase- and beta-amyloid-directed anti-Alzheimer compounds. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 5365-79	8.3	142
164	Propidium-based polyamine ligands as potent inhibitors of acetylcholinesterase and acetylcholinesterase-induced amyloid-beta aggregation. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 24-7	8.3	127
163	Multitarget drug design strategy: quinone-tacrine hybrids designed to block amyloid- $\beta$ aggregation and to exert anticholinesterase and antioxidant effects. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 8576-89	8.3	122
162	SAR of 9-amino-1,2,3,4-tetrahydroacridine-based acetylcholinesterase inhibitors: synthesis, enzyme inhibitory activity, QSAR, and structure-based CoMFA of tacrine analogues. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 2007-18	8.3	120
161	Tacripyrines, the first tacrine-dihydropyridine hybrids, as multitarget-directed ligands for the treatment of Alzheimer's disease. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 2724-32	8.3	119
160	Novel class of quinone-bearing polyamines as multi-target-directed ligands to combat Alzheimer's disease. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 4882-97	8.3	113

159	Synthesis and multitarget biological profiling of a novel family of rhein derivatives as disease-modifying anti-Alzheimer agents. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 2549-67	8.3	108
158	Design, synthesis, and biological evaluation of conformationally restricted rivastigmine analogues. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 5945-52	8.3	108
157	Strategies for the inhibition of protein aggregation in human diseases. <i>ChemBioChem</i> , <b>2010</b> , 11, 1018-35	3.8	100
156	Novel Tacrine-Benzofuran Hybrids as Potent Multitarget-Directed Ligands for the Treatment of Alzheimer's Disease: Design, Synthesis, Biological Evaluation, and X-ray Crystallography. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 114-31	8.3	94
155	Multitarget drug discovery for Alzheimer's disease: triazinones as BACE-1 and GSK-3 $\beta$ inhibitors. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1578-82	16.4	87
154	Kinetic characterization of amyloid-beta 1-42 aggregation with a multimethodological approach. <i>Analytical Biochemistry</i> , <b>2011</b> , 414, 215-25	3.1	84
153	Acetylcholinesterase inhibitors for potential use in Alzheimer's disease: molecular modeling, synthesis and kinetic evaluation of 11H-indeno-[1,2-b]-quinolin-10-ylamine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2000</b> , 8, 497-506	3.4	84
152	Targeting Alzheimer's disease: Novel indanone hybrids bearing a pharmacophoric fragment of AP2238. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 1749-60	3.4	78
151	Cholinesterase inhibitors: xanthostigmine derivatives blocking the acetylcholinesterase-induced beta-amyloid aggregation. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 4444-56	8.3	76
150	Huprine-tacrine heterodimers as anti-amyloidogenic compounds of potential interest against Alzheimer's and prion diseases. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 661-9	8.3	74
149	Versatility of the Curcumin Scaffold: Discovery of Potent and Balanced Dual BACE-1 and GSK-3 $\beta$ Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 531-44	8.3	73
148	Acetylcholinesterase noncovalent inhibitors based on a polyamine backbone for potential use against Alzheimer's disease. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 4186-9	8.3	73
147	Extensive SAR and computational studies of 3-{4-[(benzylmethylamino)methyl]phenyl}-6,7-dimethoxy-2H-2-chromenone (AP2238) derivatives. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 4250-4	8.3	72
146	Exploiting the lipoic acid structure in the search for novel multitarget ligands against Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 5435-42	6.8	71
145	Drug affinity to immobilized target bio-polymers by high-performance liquid chromatography and capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2003</b> , 797, 111-29	3.2	71
144	Cystamine-tacrine dimer: a new multi-target-directed ligand as potential therapeutic agent for Alzheimer's disease treatment. <i>Neuropharmacology</i> , <b>2012</b> , 62, 997-1003	5.5	70
143	Beta-secretase as a target for Alzheimer's disease drug discovery: an overview of in vitro methods for characterization of inhibitors. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 400, 1979-96	4.4	70
142	Monolithic micro-immobilized-enzyme reactor with human recombinant acetylcholinesterase for on-line inhibition studies. <i>Journal of Chromatography A</i> , <b>2004</b> , 1031, 27-34	4.5	68

141	Acetylcholinesterase inhibitors: synthesis and structure-activity relationships of omega-[N-methyl-N-(3-alkylcarbamoyloxyphenyl)-methyl]aminoalkoxyheteroaryl derivatives. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 3976-86	8.3	68
140	Cardanol-derived AChE inhibitors: Towards the development of dual binding derivatives for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 108, 687-700	6.8	66
139	MTDL design strategy in the context of Alzheimer's disease: from lipocrine to memoquin and beyond. <i>Current Pharmaceutical Design</i> , <b>2009</b> , 15, 601-13	3.3	64
138	Tacrine-based dual binding site acetylcholinesterase inhibitors as potential disease-modifying anti-Alzheimer drug candidates. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 187, 411-5	5	63
137	Toward a rational design of multitarget-directed antioxidants: merging memoquin and lipoic acid molecular frameworks. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 7883-6	8.3	62
136	Cholinesterase inhibitors: SAR and enzyme inhibitory activity of 3-[omega-(benzylmethylamino)alkoxy]xanthen-9-ones. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 575-85	3.4	59
135	Novel 8-Hydroxyquinoline Derivatives as Multitarget Compounds for the Treatment of Alzheimer's Disease. <i>ChemMedChem</i> , <b>2016</b> , 11, 1284-95	3.7	59
134	Characterization of reversible and pseudo-irreversible acetylcholinesterase inhibitors by means of an immobilized enzyme reactor. <i>Journal of Chromatography A</i> , <b>2007</b> , 1144, 102-10	4.5	57
133	Acetylcholinesterase inhibitors: SAR and kinetic studies on omega-[N-methyl-N-(3-alkylcarbamoyloxyphenyl)methyl]aminoalkoxyaryl derivatives. <i>Journal of Medicinal Chemistry</i> , <b>2001</b> , 44, 3810-20	8.3	57
132	Novel tacrine-grafted Ugi adducts as multipotent anti-Alzheimer drugs: a synthetic renewal in tacrine-ferulic acid hybrids. <i>ChemMedChem</i> , <b>2015</b> , 10, 523-39	3.7	56
131	Multipotent MAO and cholinesterase inhibitors for the treatment of Alzheimer's disease: synthesis, pharmacological analysis and molecular modeling of heterocyclic substituted alkyl and cycloalkyl propargyl amine. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 52, 251-62	6.8	55
130	Multitargeted drugs discovery: balancing anti-amyloid and anticholinesterase capacity in a single chemical entity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 2655-8	2.9	55
129	Structure-activity relationships of acetylcholinesterase noncovalent inhibitors based on a polyamine backbone. 4. Further investigation on the inner spacer. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 7308-12	8.3	52
128	Amyloid $\beta$ peptide 25-35 self-assembly and its inhibition: a model undecapeptide system to gain atomistic and secondary structure details of the Alzheimer's disease process and treatment. <i>ACS Chemical Neuroscience</i> , <b>2012</b> , 3, 952-62	5.7	50
127	Optimization of a trypsin-bioreactor coupled with high-performance liquid chromatography-electrospray ionization tandem mass spectrometry for quality control of biotechnological drugs. <i>Journal of Chromatography A</i> , <b>2006</b> , 1120, 121-31	4.5	48
126	3,4-Dihydro-1,3,5-triazin-2(1H)-ones as the First Dual BACE-1/GSK-3 $\beta$ Fragment Hits against Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , <b>2015</b> , 6, 1665-82	5.7	47
125	Fatty Acid Amide Hydrolase (FAAH), Acetylcholinesterase (AChE), and Butyrylcholinesterase (BuChE): Networked Targets for the Development of Carbamates as Potential Anti-Alzheimer's Disease Agents. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 6387-406	8.3	46
124	2-Arylbenzofuran-based molecules as multipotent Alzheimer's disease modifying agents. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 58, 519-32	6.8	46

123	Novel huprine derivatives with inhibitory activity toward $\beta$ -amyloid aggregation and formation as disease-modifying anti-Alzheimer drug candidates. <i>ChemMedChem</i> , <b>2010</b> , 5, 1855-70	3.7	46
122	Ubiquitous amyloids. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 166, 1626-43	3.2	44
121	Choosing the right chromatographic support in making a new acetylcholinesterase-micro-immobilised enzyme reactor for drug discovery. <i>Journal of Chromatography A</i> , <b>2005</b> , 1065, 135-44	4.5	44
120	Reliable assay of extreme enantiomeric purity values by a new circular dichroism based HPLC detection system. <i>Chirality</i> , <b>2000</b> , 12, 84-92	2.1	44
119	Multiwell fluorometric and colorimetric microassays for the evaluation of beta-secretase (BACE-1) inhibitors. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 388, 1175-83	4.4	43
118	Development of immobilized enzyme reactors based on human recombinant cytochrome P450 enzymes for phase I drug metabolism studies. <i>Journal of Chromatography A</i> , <b>2008</b> , 1206, 2-10	4.5	43
117	Disease-modifying anti-Alzheimer's drugs: inhibitors of human cholinesterases interfering with $\beta$ -amyloid aggregation. <i>CNS Neuroscience and Therapeutics</i> , <b>2014</b> , 20, 624-32	6.8	41
116	Protein flexibility in virtual screening: the BACE-1 case study. <i>Journal of Chemical Information and Modeling</i> , <b>2012</b> , 52, 2697-704	6.1	41
115	Protective Effects of Cyanidin-3-O- $\beta$ -glucopyranoside Against UVA-induced Oxidative Stress in Human Keratinocytes. <i>Photochemistry and Photobiology</i> , <b>2005</b> , 81, 623	3.6	41
114	Synthesis and biological assessment of diversely substituted furo[2,3-b]quinolin-4-amine and pyrrolo[2,3-b]quinolin-4-amine derivatives, as novel tacrine analogues. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 6119-30	6.8	40
113	Benzophenone-based derivatives: a novel series of potent and selective dual inhibitors of acetylcholinesterase and acetylcholinesterase-induced beta-amyloid aggregation. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 1682-93	6.8	40
112	UHPLC determination of catechins for the quality control of green tea. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 88, 307-14	3.5	39
111	From the dual function lead AP2238 to AP2469, a multi-target-directed ligand for the treatment of Alzheimer's disease. <i>Pharmacology Research and Perspectives</i> , <b>2014</b> , 2, e00023	3.1	37
110	A Fluorescent Styrylquinoline with Combined Therapeutic and Diagnostic Activities against Alzheimer's and Prion Diseases. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 225-9	4.3	36
109	Bis(7)-tacrine derivatives as multitarget-directed ligands: Focus on anticholinesterase and anti-amyloid activities. <i>ChemMedChem</i> , <b>2010</b> , 5, 1215-20	3.7	35
108	Enantioselective Extraction of Dinitrophenyl Amino Acids Mediated by Lipophilic Deoxyguanosine Derivatives: Chiral Discrimination by Self-Assembly. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 2386-2388	16.4	35
107	Tacrine-based Multifunctional Agents in Alzheimer's Disease: An Old Story in Continuous Development. <i>Current Medicinal Chemistry</i> , <b>2017</b> , 24, 3522-3546	4.3	35
106	Multi-target strategy to address Alzheimer's disease: design, synthesis and biological evaluation of new tacrine-based dimers. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 4336-43	6.8	33

105	Development and characterization of an immobilized enzyme reactor based on glyceraldehyde-3-phosphate dehydrogenase for on-line enzymatic studies. <i>Journal of Chromatography A</i> , <b>2003</b> , 987, 331-40	4.5	33
104	Studies on the photostability and in vitro phototoxicity of Labetalol. <i>European Journal of Pharmaceutical Sciences</i> , <b>2001</b> , 12, 495-504	5.1	33
103	Multifunctional cholinesterase and amyloid Beta fibrillization modulators. Synthesis and biological investigation. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 1178-82	4.3	32
102	Immobilized butyrylcholinesterase in the characterization of new inhibitors that could ease Alzheimer's disease. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 2730-8	4.5	32
101	LC-MS method for the simultaneous determination of six glucocorticoids in pharmaceutical formulations and counterfeit cosmetic products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 91, 185-92	3.5	31
100	The First Dual ChE/FAAH Inhibitors: New Perspectives for Alzheimer's Disease?. <i>ACS Medicinal Chemistry Letters</i> , <b>2012</b> , 3, 182-6	4.3	31
99	Structure-activity relationships of acetylcholinesterase noncovalent inhibitors based on a polyamine backbone. 2. Role of the substituents on the phenyl ring and nitrogen atoms of caproctamine. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 954-66	8.3	31
98	Amaryllidaceae alkaloids from <i>Narcissus pseudonarcissus</i> L. cv. Dutch Master as potential drugs in treatment of Alzheimer's disease. <i>Phytochemistry</i> , <b>2019</b> , 165, 112055	4	29
97	1,2,3,4-Tetrahydrobenzo[h][1,6]naphthyridines as a new family of potent peripheral-to-midgorge-site inhibitors of acetylcholinesterase: synthesis, pharmacological evaluation and mechanistic studies. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 73, 141-52	6.8	29
96	Design, synthesis and multitarget biological profiling of second-generation anti-Alzheimer rhein-huprine hybrids. <i>Future Medicinal Chemistry</i> , <b>2017</b> , 9, 965-981	4.1	29
95	Structure-activity relationships of acetylcholinesterase noncovalent inhibitors based on a polyamine backbone. 3. Effect of replacing the inner polymethylene chain with cyclic moieties. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 6490-8	8.3	29
94	Design, synthesis, in silico and in vitro screening of 1,2,4-thiadiazole analogues as non-peptide inhibitors of beta-secretase. <i>Bioorganic Chemistry</i> , <b>2014</b> , 57, 90-98	5.1	28
93	Development and characterization of beta-secretase monolithic micro-immobilized enzyme reactor for on-line high-performance liquid chromatography studies. <i>Journal of Chromatography A</i> , <b>2007</b> , 1175, 217-26	4.5	28
92	Acetylcholinesterase inhibition by tacrine analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1997</b> , 7, 2599-2602	2.9	27
91	Methotrexate determination in pharmaceuticals by enantioselective HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 37, 919-25	3.5	27
90	The bivalent ligand approach as a tool for improving the in vitro anti-Alzheimer multitarget profile of dimebon. <i>ChemMedChem</i> , <b>2013</b> , 8, 1276-81	3.7	26
89	Mechanism and stereoselectivity of HDAC I inhibition by (R)-9-hydroxystearic acid in colon cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2012</b> , 1821, 1334-40	5	26
88	Determination of the chiral and achiral related substances of methotrexate by cyclodextrin-modified micellar electrokinetic chromatography. <i>Electrophoresis</i> , <b>2004</b> , 25, 2830-7	3.6	25

87	From AChE to BACE1 inhibitors: The role of the amine on the indanone scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 2804-8	2.9	24
86	Histone proteins determined in a human colon cancer by high-performance liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , <b>2006</b> , 1129, 73-81	4.5	24
85	Hexahydrochromeno[4,3-b]pyrrole derivatives as acetylcholinesterase inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2001</b> , 44, 105-9	8.3	24
84	Application of BACE1 immobilized enzyme reactor for the characterization of multifunctional alkaloids from <i>Corydalis cava</i> (Fumariaceae) as Alzheimer's disease targets. <i>Fluoterap</i> , <b>2016</b> , 109, 241-7	3.2	23
83	Analytical methods for the determination of folic acid in a polymeric micellar carrier. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2003</b> , 32, 983-9	3.5	23
82	A small chemical library of 2-aminoimidazole derivatives as BACE-1 inhibitors: Structure-based design, synthesis, and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 48, 206-13	6.8	22
81	Synthesis of monomeric derivatives to probe memoquin's bivalent interactions. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 8299-304	8.3	22
80	Histone post-translational modifications by HPLC-ESI-MS after HT29 cell treatment with histone deacetylase inhibitors. <i>Proteomics</i> , <b>2009</b> , 9, 5437-45	4.8	22
79	Structure-activity relationships of memoquin: Influence of the chain chirality in the multi-target mechanism of action. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 4312-5	2.9	22
78	Amaryllidaceae Alkaloids as Potential Glycogen Synthase Kinase-3 Inhibitors. <i>Molecules</i> , <b>2018</b> , 23,	4.8	21
77	Fluorinated benzophenone derivatives: balanced multipotent agents for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 78, 157-66	6.8	21
76	Determination of the dissociation constants (pKa) of basic acetylcholinesterase inhibitors by reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 958, 59-67	4.5	21
75	Discovery of the First-in-Class GSK-3/HDAC Dual Inhibitor as Disease-Modifying Agent To Combat Alzheimer's Disease. <i>ACS Medicinal Chemistry Letters</i> , <b>2019</b> , 10, 469-474	4.3	20
74	New pyridine derivatives as inhibitors of acetylcholinesterase and amyloid aggregation. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 141, 197-210	6.8	20
73	Structure-activity relationships and binding mode in the human acetylcholinesterase active site of pseudo-irreversible inhibitors related to xanthostigmine. <i>ChemMedChem</i> , <b>2009</b> , 4, 670-9	3.7	20
72	Analytical study of penicillamine in pharmaceuticals by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , <b>1999</b> , 844, 361-9	4.5	20
71	Chemical and pharmacological studies on enantiomerically pure p-methoxytacipyrines, promising multi-target-directed ligands for the treatment of Alzheimer's disease. <i>ChemMedChem</i> , <b>2011</b> , 6, 1990-7	3.7	19
70	Nature-Inspired Multifunctional Ligands: Focusing on Amyloid-Based Molecular Mechanisms of Alzheimer's Disease. <i>ChemMedChem</i> , <b>2016</b> , 11, 1309-17	3.7	19

69	Immobilized Enzyme Reactors: an Overview of Applications in Drug Discovery from 2008 to 2018. <i>Chromatographia</i> , <b>2019</b> , 82, 425-441	2.1	19
68	Determination of levamisole and tetramisole in seized cocaine samples by enantioselective high-performance liquid chromatography and circular dichroism detection. <i>Journal of Chromatography A</i> , <b>2014</b> , 1363, 150-4	4.5	18
67	A patent review of butyrylcholinesterase inhibitors and reactivators 2010-2017. <i>Expert Opinion on Therapeutic Patents</i> , <b>2018</b> , 28, 455-465	6.8	18
66	A novel class of multitarget anti-Alzheimer benzohomoadamantane-chlorotacrine hybrids modulating cholinesterases and glutamate NMDA receptors. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 180, 613-626	6.8	17
65	Quinones bearing non-steroidal anti-inflammatory fragments as multitarget ligands for Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 6254-8	2.9	17
64	Study of donepezil binding to serum albumin by capillary electrophoresis and circular dichroism. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 377, 875-9	4.4	17
63	Heterocyclic inhibitors of AChE acylation and peripheral sites. <i>Il Farmaco</i> , <b>2005</b> , 60, 465-73		17
62	Multitarget drug design strategy in Alzheimer's disease: focus on cholinergic transmission and amyloid- $\beta$ aggregation. <i>Future Medicinal Chemistry</i> , <b>2017</b> , 9, 953-963	4.1	16
61	Development of a liquid chromatographic system with fluorescent detection for beta-secretase immobilized enzyme reactor on-line enzymatic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 52, 355-61	3.5	16
60	Discovery of a Potent Dual Inhibitor of Acetylcholinesterase and Butyrylcholinesterase with Antioxidant Activity that Alleviates Alzheimer-like Pathology in Old APP/PS1 Mice. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 812-839	8.3	16
59	Multitarget Strategy to Address Alzheimer's Disease: Design, Synthesis, Biological Evaluation, and Computational Studies of Coumarin-Based Derivatives. <i>ChemMedChem</i> , <b>2016</b> , 11, 1296-308	3.7	16
58	Hydroxy-substituted trans-cinnamoyl derivatives as multifunctional tools in the context of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 139, 378-389	6.8	15
57	Disclosure of a fundamental clue for the elucidation of the myricetin mechanism of action as amyloid aggregation inhibitor by mass spectrometry. <i>Electrophoresis</i> , <b>2012</b> , 33, 3380-6	3.6	15
56	Glycogen Synthase Kinase 3: A New Gold Rush in Anti-Alzheimer's Disease Multitarget Drug Discovery?. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 26-41	8.3	15
55	Surface plasmon resonance, fluorescence, and circular dichroism studies for the characterization of the binding of BACE-1 inhibitors. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 827-35	4.4	14
54	Imidazopyranotacrines as Non-Hepatotoxic, Selective Acetylcholinesterase Inhibitors, and Antioxidant Agents for Alzheimer's Disease Therapy. <i>Molecules</i> , <b>2016</b> , 21, 400	4.8	14
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