

# Abdelouahid Samadi

## List of Publications by Year in descending order

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68  
papers

3,036  
citations

147726

31  
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161767

54  
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71  
all docs

71  
docs citations

71  
times ranked

3765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in the FriedlÄnder Reaction. <i>Chemical Reviews</i> , 2009, 109, 2652-2671.	23.0	572
2	Synthesis, Biological Evaluation, and Molecular Modeling of Donepezil and <i>N</i> -(5-(Benzyloxy)-1-methyl-1 <i>H</i> -indol-2-yl)methyl)- <i>N</i> -methylprop-2-yn-1-amine Hybrids as New Multipotent Cholinesterase/Monoamine Oxidase Inhibitors for the Treatment of Alzheimerâ€™s Disease. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8251-8270.	2.9	198
3	Tacripyrines, the First Tacrineâˆ•Dihydropyridine Hybrids, as Multitarget-Directed Ligands for the Treatment of Alzheimerâ€™s Disease. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2724-2732.	2.9	134
4	Novel tacrine-related drugs as potential candidates for the treatment of Alzheimerâ€™s disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1916-1922.	1.0	134
5	Donepezil-Äpropargylamine-Ä8-hydroxyquinoline hybrids as new multifunctional metal-chelators, ChE and MAO inhibitors for the potential treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 543-561.	2.6	128
6	Regioselective Cis-Trans Isomerization of Arachidonic Double Bonds by Thiyl Radicals: The Influence of Phospholipid Supramolecular Organization. <i>Journal of the American Chemical Society</i> , 2004, 126, 1063-1072.	6.6	111
7	Design, synthesis, pharmacological evaluation, QSAR analysis, molecular modeling and ADMET of novel donepezil-indolyl hybrids as multipotent cholinesterase/monoamine oxidase inhibitors for the potential treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 82-95.	2.6	109
8	Synthesis and biological evaluation of 3,6-diamino-1 <i>H</i> -pyrazolo[3,4- <i>b</i> ]pyridine derivatives as protein kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4566-4569.	1.0	79
9	Synthesis, Inhibitory Activity of Cholinesterases, and Neuroprotective Profile of Novel 1,8-Naphthyridine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5129-5143.	2.9	69
10	Synthesis, biological assessment, and molecular modeling of racemic 7-aryl-9,10,11,12-tetrahydro-7 <i>H</i> -benzo[7,8]chromeno[2,3- <i>b</i> ]quinolin-8-amines as potential drugs for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 750-763.	2.6	66
11	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> , 2012, 52, 251-262.	2.6	62
12	Synthesis, biological assessment and molecular modeling of new multipotent MAO and cholinesterase inhibitors as potential drugs for the treatment of Alzheimerâ€™s disease. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4665-4668.	2.6	60
13	Ä-Aryl-alkyl Nitrones, as Potential Agents for Stroke Treatment: Synthesis, Theoretical Calculations, Antioxidant, Anti-inflammatory, Neuroprotective, and Brain-Blood Barrier Permeability Properties. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 153-168.	2.9	59
14	<i>N</i> -Methyl- <i>N</i> -((1-methyl-5-(3-(1-(2-methylbenzyl)piperidin-4-yl)propoxy)-1 <i>H</i> -indol-2-yl)methyl)prop-2-yn-1-amine, a New Cholinesterase and Monoamine Oxidase Dual Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10455-10463.	2.9	56
15	Pyridonepezils, new dual AChE inhibitors as potential drugs for the treatment of Alzheimer's disease: Synthesis, biological assessment, and molecular modeling. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 296-301.	2.6	53
16	Synthesis and pharmacological assessment of diversely substituted pyrazolo[3,4- <i>b</i> ]quinoline, and benzo[ <i>b</i> ]pyrazolo[4,3- <i>g</i> ][1,8]naphthyridine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4676-4681.	2.6	52
17	Synthesis, Pharmacological Assessment, and Molecular Modeling of Acetylcholinesterase/Butyrylcholinesterase Inhibitors: Effect against Amyloid-Ä-Induced Neurotoxicity. <i>ACS Chemical Neuroscience</i> , 2013, 4, 547-565.	1.7	49
18	The Kinetics of Z/E Isomerization of Methyl Oleate Catalyzed by Photogenerated Thiyl Radicals. <i>ChemPhysChem</i> , 2005, 6, 286-291.	1.0	48

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19	Multipotent drugs with cholinergic and neuroprotective properties for the treatment of Alzheimer and neuronal vascular diseases. I. Synthesis, biological assessment, and molecular modeling of simple and readily available 2-aminopyridine-, and 2-chloropyridine-3,5-dicarbonitriles. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5861-5872.	1.4	48
20	Kinetic and structural analysis of the irreversible inhibition of human monoamine oxidases by ASS234, a multi-target compound designed for use in Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1104-1110.	1.1	48
21	Synthesis, biological assessment and molecular modeling of new dihydroquinoline-3-carboxamides and dihydroquinoline-3-carbohydrazide derivatives as cholinesterase inhibitors, and Ca channel antagonists. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1-10.	2.6	46
22	Multipotent, Permeable Drug ASS234 Inhibits A $\beta$ Aggregation, Possesses Antioxidant Properties and Protects from A $\beta$ -induced Apoptosis In Vitro. <i>Current Alzheimer Research</i> , 2013, 10, 797-808.	0.7	45
23	Cholinergic and neuroprotective drugs for the treatment of Alzheimer and neuronal vascular diseases. II. Synthesis, biological assessment, and molecular modelling of new tacrine analogues from highly substituted 2-aminopyridine-3-carbonitriles. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 122-133.	1.4	44
24	Silver-Catalyzed Cyclization of N-(Prop-2-yn-1-yl)pyridin-2-amines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 35-39.	1.2	44
25	Toxicological and pharmacological evaluation, antioxidant, ADMET and molecular modeling of selected racemic chromenotacrine {11-amino-12-aryl-8,9,10,12-tetrahydro-7H-chromeno[2,3-b]quinolin-3-ols} for the potential prevention and treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 491-501.	2.6	44
26	Synthesis, Analytical Features, and Biological Relevance of 5-(3,4-Dihydroxyphenyl)- $\beta$ -valerolactone, a Microbial Metabolite Derived from the Catabolism of Dietary Flavan-3-ols. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7083-7091.	2.4	43
27	A practical two-step synthesis of imidazo[1,2-a]pyridines from N-(prop-2-yn-1-yl)pyridin-2-amines. <i>Chemical Communications</i> , 2011, 47, 5043.	2.2	39
28	Multipotent cholinesterase/monoamine oxidase inhibitors for the treatment of Alzheimer's disease: design, synthesis, biochemical evaluation, ADMET, molecular modeling, and QSAR analysis of novel donepezil-pyridyl hybrids. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1893.	2.0	35
29	The Reaction of Thiyl Radical with Methyl Linoleate: Completing the Picture. <i>Journal of the American Chemical Society</i> , 2017, 139, 4704-4714.	6.6	35
30	Synthesis, biological assessment and molecular modeling of 14-aryl-10,11,12,14-tetrahydro-9H-benzo[5,6]chromeno[2,3-b]quinolin-13-amines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2384-2388.	1.0	34
31	Nontoxic and Neuroprotective $\beta$ -Naphthotacrine for Alzheimer's Disease. <i>Chemical Research in Toxicology</i> , 2013, 26, 986-992.	1.7	33
32	Synthesis, pharmacological assessment, and molecular modeling of 6-chloro-pyridonepezils: New dual AChE inhibitors as potential drugs for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 64-74.	2.6	30
33	Synthesis, structure, theoretical and experimental in vitro antioxidant/pharmacological properties of $\beta$ -aryl, N-alkyl nitrones, as potential agents for the treatment of cerebral ischemia. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 951-960.	1.4	29
34	Effects of Novel Monoamine Oxidases and Cholinesterases Targeting Compounds on Brain Neurotransmitters and Behavior in Rat Model of Vascular Dementia. <i>Current Pharmaceutical Design</i> , 2014, 20, 161-171.	0.9	27
35	Chiral discrimination in the intramolecular abstraction of allylic hydrogens by benzophenone triplets. <i>Chemical Communications</i> , 2003, , 1592-1593.	2.2	26
36	Microwave Irradiation-Assisted Amination of 2-Chloropyridine Derivatives with Amide Solvents. <i>Synthetic Communications</i> , 2011, 41, 2859-2869.	1.1	25

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37	Chemical and Pharmacological Studies on Enantiomerically Pure <i>p</i> -Methoxytacripyrines, Promising Multi-Target-Directed Ligands for the Treatment of Alzheimer's Disease. <i>ChemMedChem</i> , 2011, 6, 1990-1997.	1.6	24
38	Thiyl radical-catalyzed isomerization of oils: An entry to the trans lipid library. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 753-758.	0.8	22
39	Stereoselective intramolecular hydrogen abstraction by a chiral benzophenone derivative. <i>Chemical Communications</i> , 2002, , 280-281.	2.2	21
40	The proof-of-concept of ASS234: Peripherally administered ASS234 enters the central nervous system and reduces pathology in a male mouse model of Alzheimer disease. <i>Journal of Psychiatry and Neuroscience</i> , 2017, 42, 59-69.	1.4	21
41	PP2A Ligand ITH12246 Protects against Memory Impairment and Focal Cerebral Ischemia in Mice. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1267-1277.	1.7	20
42	Involvement of type I and type II mechanisms in the linoleic acid peroxidation photosensitized by tiaprofenic acid. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 58, 1-5.	1.7	19
43	Mechanism of Lipid Peroxidation Photosensitized by Tiaprofenic Acid: Product Studies Using Linoleic Acid and 1,4-Cyclohexadienes as Model Substrates. <i>Photochemistry and Photobiology</i> , 2001, 73, 359.	1.3	17
44	Synthesis of all-trans arachidonic acid and its effect on rabbit platelet aggregation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 2766-2770.	1.0	15
45	Studies on the acetylation of 3,6-diamino-1 <i>H</i> -pyrazolo[3,4- <i>b</i> ]pyridine-5-carbonitrile derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 861-872.	1.4	15
46	Molecular modelling, synthesis and acetylcholinesterase inhibition of ethyl 5-amino-2-methyl-6,7,8,9-tetrahydrobenzo[ <i>b</i> ][1,8]naphthyridine-3-carboxylate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2950-2953.	1.0	14
47	Drugs for stroke: Action of nitron (Z)-N-(2-bromo-5-hydroxy-4-methoxybenzylidene)-2-methylpropan-2-amine oxide on rat cortical neurons in culture subjected to oxygen-glucose-deprivation. <i>European Journal of Medicinal Chemistry</i> , 2012, 55, 475-479.	2.6	13
48	Quinoxaline-Tacrine QT78, a Cholinesterase Inhibitor as a Potential Ligand for Alzheimer's Disease Therapy. <i>Molecules</i> , 2019, 24, 1503.	1.7	12
49	Probing Lipid Peroxidation by Using Linoleic Acid and Benzophenone. <i>Chemistry - A European Journal</i> , 2011, 17, 10089-10096.	1.7	10
50	A therapeutic approach to cerebrovascular diseases based on indole substituted hydrazides and hydrazines able to interact with human vascular adhesion protein-1, monoamine oxidases (A and B), AChE and BuChE. <i>Journal of Neural Transmission</i> , 2013, 120, 911-918.	1.4	10
51	Analysis of the antioxidant properties of differently substituted 2- and 3-indolyl carbohydrazides and related derivatives. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 670-674.	2.6	10
52	Silver Triflate-Catalyzed Cyclization of 2-Amino-6-propargyl-amineazines Leading to Iminoimidazoazines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1235-1241.	2.1	9
53	D- and L-Mannose-Containing Glyco-Oligoamides Show Distinct Recognition Properties When Interacting with DNA. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6180-6193.	1.2	9
54	Synthesis of (E)-diethyl 6,6'- <i>d</i> -(diazene-1,2-diyl)bis(5-cyano-2-methyl-4-phenylnicotinates), a new type of 2,2'-azopyridine dyes. <i>Tetrahedron Letters</i> , 2010, 51, 6278-6281.	0.7	8

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55	Convenient Synthesis of 11-Aryl-1,12-dihydro-11 <i>H</i> -naphthopyrano[2,3-d]pyrimidin-12-ones. <i>Synthetic Communications</i> , 2010, 40, 3405-3414.	1.1	7
56	<i>N</i> -Benzylpiperidine Derivatives as $\pm$ 7 Nicotinic Receptor Antagonists. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1157-1165.	1.7	7
57	A reinvestigation of the acid-promoted heterocyclization of 2-(2-oxo-2-arylethyl)malononitriles in the presence of amines. <i>Molecular Diversity</i> , 2009, 13, 459-468.	2.1	6
58	Effects of novel tacripyrines ITH12117 and ITH12118 on rat vas deferens contractions, calcium transients and cholinesterase activity. <i>European Journal of Pharmacology</i> , 2011, 660, 411-419.	1.7	5
59	Enantioselective Neuroprotective Effects of Tacripyrine <i>ITH</i> 122 Against Oxygen and Glucose Deprivation in Rat Hippocampal Slices. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 285-287.	1.9	4
60	Synthesis of 5-Amino-3,3-dimethyl-7-phenyl-1 <i>H</i> -[1,2]oxathio[4,3- <i>b</i> ]pyridine-6-carbonitrile 1,1-dioxides. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1452-1456.	1.4	4
61	Design, Synthesis and Biological Evaluation of Potent Antioxidant 1-(2,5-Dimethoxybenzyl)-4-aryl piperazines and <i>N</i> -Azolyl Substituted 4-(4-Arylpiperazin-1-yl)pyridin-2-ones. <i>ChemistrySelect</i> , 2017, 2, 3854-3859.		4
62	Synthesis and biological applications of some novel 8-Hydroxyquinoline urea and thiourea derivatives. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103905.	2.3	4
63	Synthesis of novel thiourea/urea-benzimidazole derivatives as anticancer agents. <i>Open Chemistry</i> , 2021, 19, 1062-1073.	1.0	3
64	The Sandmeyer Reaction on Some Selected Heterocyclic Ring Systems: Synthesis of Useful 2-Chloroheterocyclic-3-carbonitrile Intermediates. <i>Synthesis</i> , 2010, 2010, 2725-2730.	1.2	2
65	The reaction of 2-amino-4 <i>H</i> -pyrans with <i>N</i> -bromosuccinimide. <i>Molecular Diversity</i> , 2015, 19, 103-122.	2.1	2
66	Novel 5-Nitroimidazole and 5-Nitrothiazole Piperazine Derivatives and Their Antiparasitic Activity. <i>ChemistrySelect</i> , 2017, 2, 5684-5687.	0.7	2
67	Identification of a Tool Compound to Study the Mechanisms of Functional Selectivity between $D_{2/3}$ and $D_{3/3}$ Dopamine Receptors. <i>ACS Omega</i> , 2018, 3, 17368-17375.	1.6	1
68	Bz-8HQ: a novel supramolecular fluorochrome exhibiting multiple stimuli-responsiveness. <i>New Journal of Chemistry</i> , 2021, 46, 385-397.	1.4	1