

Laura Aitken

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

428
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	The consequences of mitochondrial amyloid β -peptide in Alzheimer's disease. <i>Biochemical Journal</i> , 2010, 426, 255-270.	3.7	67
2	Synthesis and evaluation of frentizole-based indolyl thiourea analogues as MAO/ABAD inhibitors for Alzheimer's disease treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1143-1152.	3.0	45
3	Mitochondrial β -amyloid in Alzheimer's disease. <i>Biochemical Society Transactions</i> , 2011, 39, 868-873.	3.4	32
4	A Direct Interaction Between Mitochondrial Proteins and Amyloid- β Peptide and its Significance for the Progression and Treatment of Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2015, 22, 1056-1085.	2.4	32
5	Design, synthesis and in vitro evaluation of benzothiazole-based ureas as potential ABAD/17 β -HSD10 modulators for Alzheimer's disease treatment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3675-3678.	2.2	29
6	Is amyloid binding alcohol dehydrogenase a drug target for treating Alzheimer's disease?. <i>Current Alzheimer Research</i> , 2013, 10, 21-9.	1.4	28
7	Benzothiazoles - Scaffold of Interest for CNS Targeted Drugs. <i>Current Medicinal Chemistry</i> , 2015, 22, 730-747.	2.4	27
8	1-(Benzo[<i>c</i>]thiazol-2-yl)-3-phenylureas as dual inhibitors of casein kinase 1 and ABAD enzymes for treatment of neurodegenerative disorders. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 665-670.	5.2	26
9	6-Benzothiazolyl Ureas, Thioureas and Guanidines are Potent Inhibitors of ABAD/17 β -HSD10 and Potential Drugs for Alzheimer's Disease Treatment: Design, Synthesis and in vitro Evaluation. <i>Medicinal Chemistry</i> , 2017, 13, 345-358.	1.5	22
10	Novel Benzothiazole-based Ureas as 17 β -HSD10 Inhibitors, A Potential Alzheimer's Disease Treatment. <i>Molecules</i> , 2019, 24, 2757.	3.8	20
11	Is Amyloid Binding Alcohol Dehydrogenase a Drug Target for Treating Alzheimer's Disease?. <i>Current Alzheimer Research</i> , 2013, 10, 21-29.	1.4	20
12	Tacrine as Benzothiazoles: Novel class of potential multitarget anti-Alzheimer's drugs dealing with cholinergic, amyloid and mitochondrial systems. <i>Bioorganic Chemistry</i> , 2021, 107, 104596.	4.1	17
13	In Vitro Assay Development and HTS of Small-Molecule Human ABAD/17 β -HSD10 Inhibitors as Therapeutics in Alzheimer's Disease. <i>SLAS Discovery</i> , 2017, 22, 676-685.	2.7	14
14	Benzothiazolyl Ureas are Low Micromolar and Uncompetitive Inhibitors of 17 β -HSD10 with Implications to Alzheimer's Disease Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2059.	4.1	14
15	Neuroprotective actions of leptin facilitated through balancing mitochondrial morphology and improving mitochondrial function. <i>Journal of Neurochemistry</i> , 2020, 155, 191-206.	3.9	13
16	Morphology-specific Inhibition of β -Amyloid Aggregates by 17 β -Hydroxysteroid Dehydrogenase Type 10. <i>ChemBioChem</i> , 2016, 17, 1029-1037.	2.6	12
17	Willin/FRMD6: A Multi-Functional Neuronal Protein Associated with Alzheimer's Disease. <i>Cells</i> , 2021, 10, 3024.	4.1	6
18	6-benzothiazolyl ureas, thioureas and guanidines are potent inhibitors of ABAD/17 β -HSD10 and potential drugs for Alzheimer's disease treatment: Design, synthesis and in vitro evaluation. <i>Medicinal Chemistry</i> , 2017, , .	1.5	4