

Karen E Marshall

List of Publications by Year in descending order

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15
papers

660
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophobic, Aromatic, and Electrostatic Interactions Play a Central Role in Amyloid Fibril Formation and Stability. <i>Biochemistry</i> , 2011, 50, 2061-2071.	2.5	201
2	Characterizing the Assembly of the Sup35 Yeast Prion Fragment, GNNQQNY: Structural Changes Accompany a Fiber-to-Crystal Switch. <i>Biophysical Journal</i> , 2010, 98, 330-338.	0.5	94
3	A critical role for the self-assembly of Amyloid- β 1-42 in neurodegeneration. <i>Scientific Reports</i> , 2016, 6, 30182.	3.3	63
4	The relationship between amyloid structure and cytotoxicity. <i>Prion</i> , 2014, 8, 192-196.	1.8	53
5	Amyloidogenicity and toxicity of the reverse and scrambled variants of amyloid- β 1-42. <i>FEBS Letters</i> , 2017, 591, 822-830.	2.8	42
6	Structural integrity of β -sheet assembly. <i>Biochemical Society Transactions</i> , 2009, 37, 671-676.	3.4	39
7	Misfolded amyloid- β 1-42 impairs the endosomal-lysosomal pathway. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 5031-5043.	5.4	36
8	Tau Filament Self-Assembly and Structure: Tau as a Therapeutic Target. <i>Frontiers in Neurology</i> , 2020, 11, 590754.	2.4	32
9	Internalisation and toxicity of amyloid- β 1-42 are influenced by its conformation and assembly state rather than size. <i>FEBS Letters</i> , 2020, 594, 3490-3503.	2.8	27
10	The diversity and utility of amyloid fibrils formed by short amyloidogenic peptides. <i>Interface Focus</i> , 2017, 7, 20170027.	3.0	20
11	Fibres, crystals and polymorphism: the structural promiscuity of amyloidogenic peptides. <i>Soft Matter</i> , 2010, 6, 2110.	2.7	16
12	Paired Helical Filament-Forming Region of Tau (297-391) Influences Endogenous Tau Protein and Accumulates in Acidic Compartments in Human Neuronal Cells. <i>Journal of Molecular Biology</i> , 2020, 432, 4891-4907.	4.2	15
13	Europium as an inhibitor of Amyloid- β 1-42 induced membrane permeation. <i>FEBS Letters</i> , 2015, 589, 3228-3236.	2.8	9
14	The Disease Associated Tau35 Fragment has an Increased Propensity to Aggregate Compared to Full-Length Tau. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 779240.	3.5	8
15	Elevated amyloid beta disrupts the nanoscale organization and function of synaptic vesicle pools in hippocampal neurons. <i>Cerebral Cortex</i> , 2023, 33, 1263-1276.	2.9	5