

P Patrizia Mangione

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

693
citations

686830

13
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel mechanoenzymatic cleavage mechanism underlies transthyretin amyloidogenesis. <i>EMBO Molecular Medicine</i> , 2015, 7, 1337-1349.	3.3	109
2	Proteolytic cleavage of Ser52Pro variant transthyretin triggers its amyloid fibrillogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1539-1544.	3.3	91
3	Structure, Folding Dynamics, and Amyloidogenesis of D76N β 2-Microglobulin. <i>Journal of Biological Chemistry</i> , 2013, 288, 30917-30930.	1.6	80
4	Plasminogen activation triggers transthyretin amyloidogenesis in vitro. <i>Journal of Biological Chemistry</i> , 2018, 293, 14192-14199.	1.6	68
5	The H50Q Mutation Induces a 10-fold Decrease in the Solubility of β -Synuclein. <i>Journal of Biological Chemistry</i> , 2015, 290, 2395-2404.	1.6	65
6	The complementary role of histology and proteomics for diagnosis and typing of systemic amyloidosis. <i>Journal of Pathology: Clinical Research</i> , 2019, 5, 145-153.	1.3	46
7	Co-fibrillogenesis of Wild-type and D76N β 2-Microglobulin. <i>Journal of Biological Chemistry</i> , 2016, 291, 9678-9689.	1.6	29
8	Citrate-stabilized gold nanoparticles hinder fibrillogenesis of a pathological variant of β 2-microglobulin. <i>Nanoscale</i> , 2017, 9, 3941-3951.	2.8	26
9	Binding of Monovalent and Bivalent Ligands by Transthyretin Causes Different Short- and Long-Distance Conformational Changes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8274-8283.	2.9	25
10	Multifaceted anti-amyloidogenic and pro-amyloidogenic effects of C-reactive protein and serum amyloid P component in vitro. <i>Scientific Reports</i> , 2016, 6, 29077.	1.6	22
11	Diagnostic amyloid proteomics: experience of the UK National Amyloidosis Centre. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 948-957.	1.4	20
12	A specific nanobody prevents amyloidogenesis of D76N β 2-microglobulin in vitro and modifies its tissue distribution in vivo. <i>Scientific Reports</i> , 2017, 7, 46711.	1.6	18
13	Increasing the accuracy of proteomic typing by decellularisation of amyloid tissue biopsies. <i>Journal of Proteomics</i> , 2017, 165, 113-118.	1.2	14
14	<i>C. elegans</i> expressing D76N β 2-microglobulin: a model for in vivo screening of drug candidates targeting amyloidosis. <i>Scientific Reports</i> , 2019, 9, 19960.	1.6	14
15	Plasmin activity promotes amyloid deposition in a transgenic model of human transthyretin amyloidosis. <i>Nature Communications</i> , 2021, 12, 7112.	5.8	13
16	Comparative study of the stabilities of synthetic in vitro and natural ex vivo transthyretin amyloid fibrils. <i>Journal of Biological Chemistry</i> , 2020, 295, 11379-11387.	1.6	12
17	Amyloid Formation by Globular Proteins: The Need to Narrow the Gap Between in Vitro and in Vivo Mechanisms. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 830006.	1.6	11
18	Enhanced toxicity of silver nanoparticles in transgenic <i>Caenorhabditis elegans</i> expressing amyloidogenic proteins. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2015, 22, 221-228.	1.4	9

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19	Capillary electrophoresis analysis of different variants of the amyloidogenic protein β^2 -microglobulin as a simple tool for misfolding and stability studies. <i>Electrophoresis</i> , 2015, 36, 2465-2472.	1.3	6
20	Lysozyme amyloid: evidence for the W64R variant by proteomics in the absence of the wild type protein. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2020, 27, 206-207.	1.4	6
21	Clinical ApoA-IV amyloid is associated with fibrillogenic signal sequence. <i>Journal of Pathology</i> , 2021, 255, 311-318.	2.1	4
22	Antiamyloidogenic and proamyloidogenic chaperone effects of C-reactive protein and serum amyloid P component. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2017, 24, 28-29.	1.4	3
23	Bifunctional crosslinking ligands for transthyretin. <i>Open Biology</i> , 2015, 5, 150105.	1.5	2