Maria JoÃ£o Saraiva

List of Publications by Year
in descending order

222 papers	11,151 citations	22132 59 h-index	39638 94 g-index
225 all docs	225 docs citations	225 times ranked	7503 citing authors

#	Article	IF	Citations
1	Amyloid: Toward terminology clarification Report from the Nomenclature Committee of the International Society of Amyloidosis. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2005, 12, 1-4.	1.4	314
2	A primer of amyloid nomenclature. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2007, 14, 179-183.	1.4	306
3	Deposition of Transthyretin in Early Stages of Familial Amyloidotic Polyneuropathy. American Journal of Pathology, 2001, 159, 1993-2000.	1.9	303
4	Amyloid fibril protein nomenclature: 2010 recommendations from the nomenclature committee of the International Society of Amyloidosis. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2010, 17, 101-104.	1.4	302
5	Tetramer Dissociation and Monomer Partial Unfolding Precedes Protofibril Formation in Amyloidogenic Transthyretin Variants. Journal of Biological Chemistry, 2001, 276, 27207-27213.	1.6	274
6	Transthyretin mutations in health and disease. Human Mutation, 1995, 5, 191-196.	1.1	239
7	Amyloid fibril protein nomenclature: 2012 recommendations from the Nomenclature Committee of the International Society of Amyloidosis. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2012, 19, 167-170.	1.4	229
8	Transthyretin mutations in hyperthyroxinemia and amyloid diseases. Human Mutation, 2001, 17, 493-503.	1.1	200
9	Familial Amyloid Polyneuropathy: Receptor for Advanced Glycation End Products-Dependent Triggering of Neuronal Inflammatory and Apoptotic Pathways. Journal of Neuroscience, 2001, 21, 7576-7586.	1.7	190
10	Doxycycline plus tauroursodeoxycholic acid for transthyretin amyloidosis: a phase II study. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2012, 19, 34-36.	1.4	184
11	Amyloid Fibril Protein Nomenclature - 2002. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2002, 9, 197-200.	1.4	176
12	The Tetrameric Protein Transthyretin Dissociates to a Non-native Monomer in Solution. Journal of Biological Chemistry, 1999, 274, 32943-32949.	1.6	160
13	Interaction of the Receptor for Advanced Glycation End Products (RAGE) with Transthyretin Triggers Nuclear Transcription Factor kB (NF-kB) Activation. Laboratory Investigation, 2000, 80, 1101-1110.	1.7	156
14	Synergy of combined Doxycycline/TUDCA treatment in lowering Transthyretin deposition and associated biomarkers: studies in FAP mouse models. Journal of Translational Medicine, 2010, 8, 74.	1.8	149
15	Doxycycline disrupts transthyretin amyloid: evidence from studies in a FAP transgenic mice model. FASEB Journal, 2006, 20, 234-239.	0.2	136
16	Natural polyphenols inhibit different steps of the process of transthyretin (TTR) amyloid fibril formation. FEBS Letters, 2011, 585, 2424-2430.	1.3	133
17	Transthyretin: a multifaceted protein. Biomolecular Concepts, 2014, 5, 45-54.	1.0	128
18	Transthyretin binding to Aâ€Beta peptide â€“ Impact on Aâ€Beta fibrillogenesis and toxicity. FEBS Letters, 2008, 582, 936-942.	1.3	125

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19	Accelerated AÂ Deposition in APPswe/PS1ÂE9 Mice with Hemizygous Deletions of TTR (Transthyretin). Journal of Neuroscience, 2007, 27, 7006-7010.	1.7	124
20	Binding of epigallocatechinâ€3â€gallate to transthyretin modulates its amyloidogenicity. FEBS Letters, 2009, 583, 3569-3576.	1.3	122
21	Transthyretin enhances nerve regeneration. Journal of Neurochemistry, 2007, 103, 831-839.	2.1	118
22	Transthyretin Internalization by Sensory Neurons Is Megalin Mediated and Necessary for Its Neuritogenic Activity. Journal of Neuroscience, 2009, 29, 3220-3232.	1.7	118
23	4 â€²â€iodoâ€4â€²â€Deoxydoxorubicin and tetracyclines disrupt transthyretin amyloid fibrils in vitro producing noncytotoxic species: screening for TTR fibril disrupters. FASEB Journal, 2003, 17, 803-809.	0.2	117
24	The Crystal Structure of Amyloidogenic Leu55â†' Pro Transthyretin Variant Reveals a Possible Pathway for Transthyretin Polymerization into Amyloid Fibrils. Journal of Biological Chemistry, 1998, 273, 24715-24722.	1.6	116
25	Neurodegeneration in familial amyloid polyneuropathy: from pathology to molecular signaling. Progress in Neurobiology, 2003, 71, 385-400.	2.8	116
26	Transthyretin fibrillogenesis entails the assembly of monomers: a molecular model for in vitro assembled transthyretin amyloid-like fibrils 1 1Edited by M. Moody. Journal of Molecular Biology, 2002, 317, 683-695.	2.0	112
27	Transthyretin is involved in depression-like behaviour and exploratory activity. Journal of Neurochemistry, 2004, 88, 1052-1058.	2.1	111
28	Evidence for the Role of Megalin in Renal Uptake of Transthyretin. Journal of Biological Chemistry, 2000, 275, 38176-38181.	1.6	109
29	Susceptibility and modifier genes in Portuguese transthyretin V30M amyloid polyneuropathy: complexity in a single-gene disease. Human Molecular Genetics, 2005, 14, 543-553.	1.4	108
30	Evidence for Early Cytotoxic Aggregates in Transgenic Mice for Human Transthyretin Leu55Pro. American Journal of Pathology, 2002, 161, 1935-1948.	1.9	98
31	Transthyretin and Alzheimer's disease: Where in the brain?. Neurobiology of Aging, 2007, 28, 713-718.	1.5	97
32	Transthyretin Protects against A-Beta Peptide Toxicity by Proteolytic Cleavage of the Peptide: A Mechanism Sensitive to the Kunitz Protease Inhibitor. PLoS ONE, 2008, 3, e2899.	1.1	95
33	The amyloidogenic potential of transthyretin variants correlates with their tendency to aggregate in solution. FEBS Letters, 1997, 418, 297-300.	1.3	94
34	Apolipoprotein AI and Transthyretin as Components of Amyloid Fibrils in a Kindred with apoAI Leu178His Amyloidosis. American Journal of Pathology, 2000, 156, 1911-1917.	1.9	94
35	Epigallocatechin-3-Gallate as a Potential Therapeutic Drug for TTR-Related Amyloidosis: â€œIn Vivoâ€• Evidence from FAP Mice Models. PLoS ONE, 2012, 7, e29933.	1.1	94
36	BDNF gene delivery mediated by neuron-targeted nanoparticles is neuroprotective in peripheral nerve injury. Biomaterials, 2017, 121, 83-96.	5.7	92

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37	Thyroxine binding to transthyretin Met 119. Endocrine, 1997, 6, 309-315.	1.1	90
38	Preclinical evaluation of RNAi as a treatment for transthyretin-mediated amyloidosis. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2016, 23, 109-118.	1.4	89
39	Selective binding to transthyretin and tetramer stabilization in serum from patients with familial amyloidotic polyneuropathy by an iodinated diflunisal derivative. Biochemical Journal, 2004, 381, 351-356.	1.7	88
40	Production of recombinant human transthyretin with biological activities toward the understanding of the molecular basis of familial amyloidotic polyneuropathy (FAP). Biochemistry, 1991, 30, 2415-2421.	1.2	86
41	Transthyretin stability as a key factor in amyloidogenesis: X-ray analysis at atomic resolution. Journal of Molecular Biology, 2001, 306, 733-744.	2.0	85
42	Transthyretin amyloidosis: a tale of weak interactions. FEBS Letters, 2001, 498, 201-203.	1.3	82
43	Review: TTR Amyloidosisâ€"Structural Features Leading to Protein Aggregation and Their Implications on Therapeutic Strategies. Journal of Structural Biology, 2000, 130, 290-299.	1.3	78
44	Haplotype analysis of familial amyloidotic polyneuropathy. Human Genetics, 1989, 82, 9-13.	1.8	77
45	Transthyretin, a New Cryptic Protease. Journal of Biological Chemistry, 2004, 279, 21431-21438.	1.6	76
46	Heparan sulfate/heparin promotes transthyretin fibrillization through selective binding to a basic motif in the protein. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5584-5589.	3.3	76
47	Endoplasmic Reticulum Stress Associated with Extracellular Aggregates. Journal of Biological Chemistry, 2006, 281, 21998-22003.	1.6	75
48	Transthyretin in high density lipoproteins: association with apolipoprotein A-I. Journal of Lipid Research, 2000, 41, 58-65.	2.0	75
49	CSF transthyretin neuroprotection in a mouse model of brain ischemia. Journal of Neurochemistry, 2010, 115, 1434-1444.	2.1	73
50	Transthyretin participates in beta-amyloid transport from the brain to the liver- involvement of the low-density lipoprotein receptor-related protein 1?. Scientific Reports, 2016, 6, 20164.	1.6	71
51	Comparative Stability and Clearance of [Met30]Transthyretin and [Met119]Transthyretin. FEBS Journal, 1997, 249, 662-668.	0.2	68
52	Ultrastructure of Familial Amyloid Polyneuropathy Amyloid Fibrils: Examination with High-Resolution Electron Microscopy. Journal of Structural Biology, 1998, 124, 1-12.	1.3	67
53	Upâ€regulation of the extracellular matrix remodeling genes, biglycan, neutrophil gelatinaseâ€associated lipocalin and matrix metalloproteinaseâ€9 in familial amyloid polyneuropathy. FASEB Journal, 2005, 19, 124-126.	0.2	67
54	Exposure of cryptic epitopes on transthyretin only in amyloid and in amyloidogenic mutants. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3108-3113.	3.3	65

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55	Deposition and passage of transthyretin through the blood-nerve barrier in recipients of familial amyloid polyneuropathy livers. Laboratory Investigation, 2004, 84, 865-873.	1.7	64
56	ApoA-I cleaved by transthyretin has reduced ability to promote cholesterol efflux and increased amyloidogenicity. Journal of Lipid Research, 2007, 48, 2385-2395.	2.0	64
57	Transthyretin knockouts are a new mouse model for increased neuropeptide Y. FASEB Journal, 2006, 20, 166-168.	0.2	62
58	Comparative Studies of Two Transthyretin Variants with Protective Effects on Familial Amyloidotic Polyneuropathy: TTR R104H and TTR T119M. Biochemical and Biophysical Research Communications, 2000, 270, 1024-1028.	1.0	61
59	Internalization of Transthyretin. Journal of Biological Chemistry, 2001, 276, 14420-14425.	1.6	61
60	Enlarged ventricles, astrogliosis and neurodegeneration in heat shock factor 1 null mouse brain. Neuroscience, 2004, 126, 657-663.	1.1	61
61	The heat shock response modulates transthyretin deposition in the peripheral and autonomic nervous systems. Neurobiology of Aging, 2010, 31, 280-289.	1.5	59
62	Transthyretin is up-regulated by sex hormones in mice liver. Molecular and Cellular Biochemistry, 2008, 317, 137-142.	1.4	57
63	Anti-apoptotic treatment reduces transthyretin deposition in a transgenic mouse model of Familial Amyloidotic Polyneuropathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 517-522.	1.8	57
64	A Novel Compound Heterozygote (FAP ATTR Arg104His/ATTR Val30Met) with High Serum Transthyretin (TTR) and Retinol Binding Protein (RBP) Levels. Biochemical and Biophysical Research Communications, 1999, 264, 365-370.	1.0	55
65	4â€²-Iodo-4â€²-Deoxydoxorubicin Disrupts the Fibrillar Structure of Transthyretin Amyloid. American Journal of Pathology, 2000, 156, 1919-1925.	1.9	55
66	Gd-nanoparticles functionalization with specific peptides for ÃŸ-amyloid plaques targeting. Journal of Nanobiotechnology, 2016, 14, 60.	4.2	55
67	Small Transthyretin (TTR) Ligands as Possible Therapeutic Agents in TTR Amyloidoses. CNS and Neurological Disorders, 2005, 4, 587-596.	4.3	54
68	Comparative calorimetric study of non-amyloidogenic and amyloidogenic variants of the homotetrameric protein transthyretin. Biophysical Chemistry, 2000, 88, 61-67.	1.5	53
69	Human transthyretin in complex with iododiflunisal: structural features associated with a potent amyloid inhibitor. Biochemical Journal, 2005, 388, 615-621.	1.7	53
70	Activation of ERK1/2 MAP kinases in Familial Amyloidotic Polyneuropathy. Journal of Neurochemistry, 2006, 97, 151-161.	2.1	52
71	Transthyretin Deposition in Familial Amyloidotic Polyneuropathy. Current Medicinal Chemistry, 2012, 19, 2304-2311.	1.2	52
72	Thyroid hormone distribution in the mouse brain: the role of transthyretin. Neuroscience, 2002, 113, 837-847.	1.1	51

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73	Haplotypes and DNA sequence variation within and surrounding the transthyretin gene: genotypeâ€“phenotype correlations in familial amyloid polyneuropathy (V30M) in Portugal and Sweden. European Journal of Human Genetics, 2004, 12, 225-237.	1.4	51
74	Iodine Atoms: A New Molecular Feature for the Design of Potent Transthyretin Fibrillogenesis Inhibitors. PLoS ONE, 2009, 4, e4124.	1.1	51
75	Family Studies of the Genetic Abnormality in Transthyretin (Prealbumin) in Portuguese Patients with Familial Amyloidotic Poly neuropathy. Annals of the New York Academy of Sciences, 1984, 435, 86-100.	1.8	50
76	Transthyretin Decrease in Plasma of MCI and AD Patients: Investigation of Mechanisms for Disease Modulation. Current Alzheimer Research, 2012, 9, 881-889.	0.7	48
77	Vitreous amyloidosis after liver transplantation in patients with familial amyloid polyneuropathy: Ocular synthesis of mutant transthyretin. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2000, 7, 266-269.	1.4	46
78	Search for intermediate structures in transthyretin fibrillogenesis: soluble tetrameric Tyr78Phe TTR expresses a specific epitope present only in amyloid fibrils. Journal of Molecular Biology, 2000, 304, 461-470.	2.0	45
79	The Crystal Structure of Transthyretin in Complex with Diethylstilbestrol. Journal of Biological Chemistry, 2004, 279, 53483-53490.	1.6	45
80	Design and biological activity of Î²-sheet breaker peptide conjugates. Biochemical and Biophysical Research Communications, 2009, 380, 397-401.	1.0	45
81	Transthyretin Stabilization by Iododiflunisal Promotes Amyloid-Î² Peptide Clearance, Decreases its Deposition, and Ameliorates Cognitive Deficits in an Alzheimer's Disease Mouse Model. Journal of Alzheimer's Disease, 2014, 39, 357-370.	1.2	45
82	Analysis of x-ray diffraction patterns from amyloid of biopsied vitreous humor and kidney of transthyretin (TTR) Met30 familial amyloidotic polyneuropathy (FAP) patients: axially arrayed TTR monomers constitute the protofilament. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 1998, 5, 163-174.	1.4	44
83	Hereditary transthyretin amyloidosis: molecular basis and therapeutical strategies. Expert Reviews in Molecular Medicine, 2002, 4, 1-11.	1.6	44
84	Isatin derivatives, a novel class of transthyretin fibrillogenesis inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5270-5273.	1.0	44
85	Immunization in familial amyloidotic polyneuropathy: counteracting deposition by immunization with a Y78F TTR mutant. Laboratory Investigation, 2006, 86, 23-31.	1.7	43
86	Dietary curcumin counteracts extracellular transthyretin deposition: Insights on the mechanism of amyloid inhibition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 39-45.	1.8	43
87	The molecular interaction of 4â€²-iodo-4â€²-deoxydoxorubicin with Leu-55Pro transthyretin â€˜amyloid-likeâ€™ oligomer leading to disaggregation. Biochemical Journal, 2000, 351, 273-279.	1.7	42
88	Controlling Amyloidâ€Î² Peptide(1â€“42) Oligomerization and Toxicity by Fluorinated Nanoparticles. ChemBioChem, 2010, 11, 1905-1913.	1.3	42
89	Distinct Annular Oligomers Captured along the Assembly and Disassembly Pathways of Transthyretin Amyloid Protofibrils. PLoS ONE, 2012, 7, e44992.	1.1	42
90	A human antibody selective for transthyretin amyloid removes cardiac amyloid through phagocytic immune cells. Nature Communications, 2021, 12, 3142.	5.8	42

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91	Screening and biochemical characterization of transthyretin variants in the Portuguese population. , 1997, 9, 226-233.		41
92	17Î²-Estradiol Induces Transthyretin Expression in Murine Choroid Plexus via an Oestrogen Receptor Dependent Pathway. Cellular and Molecular Neurobiology, 2009, 29, 475-483.	1.7	41
93	Molecular Tweezers Targeting Transthyretin Amyloidosis. Neurotherapeutics, 2014, 11, 450-461.	2.1	41
94	Gender-Dependent Transthyretin Modulation of Brain Amyloid-Î² Levels: Evidence from a Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 27, 429-439.	1.2	40
95	Transthyretin is a metallopeptidase with an inducible active site. Biochemical Journal, 2012, 443, 769-778.	1.7	40
96	Transthyretin Leu 68 in a form of cardiac amyloidosis. Basic Research in Cardiology, 1991, 86, 567-571.	2.5	39
97	â€˜In vitroâ€™ amyloid fibril formation from transthyretin: the influence of ions and the amyloidogenicity of TTR variants. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1996, 1316, 35-42.	1.8	39
98	Sporadic Cases of Hereditary Systemic Amyloidosis. New England Journal of Medicine, 2002, 346, 1818-1819.	13.9	39
99	Kinetic Assay for High-Throughput Screening of In Vitro Transthyretin Amyloid Fibrillogenesis Inhibitors. ACS Combinatorial Science, 2005, 7, 246-252.	3.3	39
100	Stability of the Transthyretin Molecule as a Key Factor in the Interaction with A-Beta Peptide - Relevance in Alzheimer's Disease. PLoS ONE, 2012, 7, e45368.	1.1	39
101	Interleukin-1 signaling pathway as a therapeutic target in transthyretin amyloidosis. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2014, 21, 175-184.	1.4	38
102	Curcumin: A multi-target disease-modifying agent for late-stage transthyretin amyloidosis. Scientific Reports, 2016, 6, 26623.	1.6	38
103	Onset in the seventh decade and lack of symptoms in heterozygotes for the TTRMet30 mutation in hereditary amyloid neuropathyâ€”type I (Portuguese, Andrade). American Journal of Medical Genetics Part A, 1987, 27, 345-357.	2.4	37
104	Genetic microheterogeneity of human transthyretin detected by IEF. Electrophoresis, 2007, 28, 2053-2064.	1.3	37
105	Randomization of Amyloidâ€Î²â€Peptide(1â€42) Conformation by Sulfonated and Sulfated Nanoparticles Reduces Aggregation and Cytotoxicity. Macromolecular Bioscience, 2010, 10, 1152-1163.	2.1	35
106	Transthyretin Interacts with Metallothionein 2. Biochemistry, 2008, 47, 2244-2251.	1.2	34
107	Carvedilol treatment reduces transthyretin deposition in a familial amyloidotic polyneuropathy mouse model. Pharmacological Research, 2010, 62, 514-522.	3.1	34
108	Gelsolin-related familial amyloidosis, Finnish type, in a Portuguese family: Clinical and neurophysiological studies. Muscle and Nerve, 2003, 28, 715-721.	1.0	32

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109	Solution Structure of the Soluble Receptor for Advanced Glycation End Products (sRAGE). Journal of Biological Chemistry, 2011, 286, 37525-37534.	1.6	32
110	Structure of the Val122Ile Variant Transthyretin â€“ a Cardiomyopathic Mutant. Acta Crystallographica Section D: Biological Crystallography, 1996, 52, 966-972.	2.5	31
111	Genetic anticipation in Portuguese kindreds with familial amyloidotic polyneuropathy is unlikely to be caused by triplet repeat expansions. Human Genetics, 1999, 104, 480-485.	1.8	31
112	Genetic epidemiology of familial amyloid polyneuropathy in the Balearic Islands (Spain). Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2005, 12, 54-61.	1.4	31
113	Plasma neurofilament light chain: an early biomarker for hereditary ATTR amyloid polyneuropathy. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2020, 27, 97-102.	1.4	31
114	The binding of xanthone derivatives to transthyretin. Biochemical Pharmacology, 2005, 70, 1861-1869.	2.0	30
115	Comparative in vitro and ex vivo activities of selected inhibitors of transthyretin aggregation: relevance in drug design. Biochemical Journal, 2007, 408, 131-138.	1.7	30
116	Transthyretin gene in Alzheimer's disease patients. Neuroscience Letters, 1996, 204, 212-214.	1.0	29
117	Multimodal imaging Gd-nanoparticles functionalized with Pittsburgh compound B or a nanobody for amyloid plaques targeting. Nanomedicine, 2017, 12, 1675-1687.	1.7	29
118	Recent advances in the molecular pathology of familial amyloid polyneuropathy. Neuromuscular Disorders, 1991, 1, 3-6.	0.3	28
119	Preimplantation genetic diagnosis for familial amyloidotic polyneuropathy (FAP). Prenatal Diagnosis, 2001, 21, 1093-1099.	1.1	28
120	5Î±-dihydrotestosterone up-regulates transthyretin levels in mice and rat choroid plexus via an androgen receptor independent pathway. Brain Research, 2008, 1229, 18-26.	1.1	28
121	Uncovering the Neuroprotective Mechanisms of Curcumin on Transthyretin Amyloidosis. International Journal of Molecular Sciences, 2019, 20, 1287.	1.8	28
122	Polymer-doxycycline conjugates as fibril disrupters: An approach towards the treatment of a rare amyloidotic disease. Journal of Controlled Release, 2015, 198, 80-90.	4.8	27
123	Sulfite and base for the treatment of familial amyloidotic polyneuropathy: two additive approaches to stabilize the conformation of human amyloidogenic transthyretin. Neurogenetics, 2004, 5, 61-67.	0.7	26
124	Natural polyphenols as modulators of TTR amyloidogenesis: in vitro and in vivo evidences towards therapy. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2012, 19, 39-42.	1.4	26
125	Human metallothioneins 2 and 3 differentially affect amyloidâ€beta binding by transthyretin. FEBS Journal, 2010, 277, 3427-3436.	2.2	25
126	Clearance of extracellular misfolded proteins in systemic amyloidosis: Experience with transthyretin. FEBS Letters, 2012, 586, 2891-2896.	1.3	25

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127	Transthyretin Induces Insulin-like Growth Factor I Nuclear Translocation Regulating Its Levels in the Hippocampus. Molecular Neurobiology, 2015, 51, 1468-1479.	1.9	25
128	The molecular interaction of 4â€²-iodo-4â€²-deoxydoxorubicin with Leu-55Pro transthyretin â€˜amyloid-likeâ€™ oligomer leading to disaggregation. Biochemical Journal, 2000, 351, 273.	1.7	24
129	In vitro inhibition of transthyretin aggregate-induced cytotoxicity by full and peptide derived forms of the soluble receptor for advanced glycation end products (RAGE). FEBS Letters, 2006, 580, 3451-3456.	1.3	24
130	Biomarkers in the Assessment of Therapies for Familial Amyloidotic Polyneuropathy. Molecular Medicine, 2007, 13, 584-591.	1.9	24
131	Structural basis for the protective role of sulfite against transthyretin amyloid formation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 59-64.	1.1	24
132	Fibroblasts endocytose and degrade transthyretin aggregates in transthyretin-related amyloidosis. Laboratory Investigation, 2013, 93, 911-920.	1.7	24
133	The inflammatory response to sciatic nerve injury in a familial amyloidotic polyneuropathy mouse model. Experimental Neurology, 2014, 257, 76-87.	2.0	24
134	Modulation of the Mechanisms Driving Transthyretin Amyloidosis. Frontiers in Molecular Neuroscience, 2020, 13, 592644.	1.4	24
135	Transthyretin Regulates Thyroid Hormone Levels in the Choroid Plexus, But Not in the Brain Parenchyma: Study in a Transthyretin-Null Mouse Model. , 0, .		24
136	Structure and assemblyâ€“disassembly properties of wildâ€type transthyretin amyloid protofibrils observed with atomic force microscopy. Journal of Molecular Recognition, 2011, 24, 467-476.	1.1	22
137	Delivery of an antiâ€transthyretin Nanobody to the brain through intranasal administration reveals transthyretin expression and secretion by motor neurons. Journal of Neurochemistry, 2018, 145, 393-408.	2.1	22
138	Haplotype analysis of common transthyretin mutations. Human Genetics, 1995, 96, 350-4.	1.8	21
139	Transthyretin is not necessary for thyroid hormone metabolism in conditions of increased hormone demand. Journal of Endocrinology, 2005, 187, 257-266.	1.2	21
140	Extracellular Matrix Markers for Disease Progression and Follow-Up of Therapies in Familial Amyloid Polyneuropathy V30M TTR-Related. Disease Markers, 2008, 25, 37-47.	0.6	21
141	Aprotinin binding to amyloid fibrils. FEBS Journal, 2000, 267, 2307-2311.	0.2	20
142	Mutant fibrinogen A-Î±-chain associated with hereditary renal amyloidosis and peripheral neuropathy. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2004, 11, 200-207.	1.4	20
143	Clusterin Overexpression and Its Possible Protective Role in Transthyretin Deposition in Familial Amyloidotic Polyneuropathy. Journal of Neuropathology and Experimental Neurology, 2011, 70, 1097-1106.	0.9	20
144	Progesterone Enhances Transthyretin Expression in the Rat Choroid Plexus In Vitro and In Vivo via Progesterone Receptor. Journal of Molecular Neuroscience, 2011, 44, 152-158.	1.1	19

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145	TTR exon scanning in peripheral neuropathies. Neuromuscular Disorders, 1995, 5, 187-191.	0.3	18
146	New transthyretin mutation V28M in a Portuguese kindred with amyloid polyneuropathy. Muscle and Nerve, 2000, 23, 1016-1021.	1.0	18
147	Antibody recognition of amyloidogenic transthyretin variants in serum of patients with familial amyloidotic polyneuropathy. Journal of Molecular Medicine, 2001, 78, 703-707.	1.7	18
148	X-ray Absorption Spectroscopy Reveals a Substantial Increase of Sulfur Oxidation in Transthyretin (TTR) upon Fibrillization. Journal of Biological Chemistry, 2003, 278, 11654-11660.	1.6	18
149	MMP-14 overexpression correlates with the neurodegenerative process in familial amyloidotic polyneuropathy. DMM Disease Models and Mechanisms, 2017, 10, 1253-1260.	1.2	18
150	Tetramer formation of a variant type human transthyretin (prealbumin) produced byEscherichia coli expression system. Biochemical and Biophysical Research Communications, 1989, 163, 851-859.	1.0	17
151	Thyroxine binding to transthyretin (TTR) variantsâ€”two variants (TTR Pro 55 and TTR Met 111) with a particularly low binding affinity. European Journal of Endocrinology, 1996, 135, 226-230.	1.9	17
152	Transthyretin regulates hippocampal 14â€3â€3Î¶ protein levels. FEBS Letters, 2013, 587, 1482-1488.	1.3	17
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