

Eva Birkmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3386330/publications.pdf>

Version: 2024-02-01

18
papers

539
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

759
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of prion protein assembly into amyloid. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2409-2414.	7.1	127
2	Structural Intermediates in the Putative Pathway from the Cellular Prion Protein to the Pathogenic Form. Biological Chemistry, 2001, 382, 683-91.	2.5	75
3	The Amyloid- β^2 Oligomer Count in Cerebrospinal Fluid is a Biomarker for Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 34, 985-994.	2.6	60
4	Single particle detection of A β^2 aggregates associated with Alzheimer's disease. Biochemical and Biophysical Research Communications, 2007, 364, 902-907.	2.1	48
5	Counting of single prion particles bound to a capture-antibody surface (surface-FIDA). Veterinary Microbiology, 2007, 123, 294-304.	1.9	38
6	Detection of Prion Protein Particles in Blood Plasma of Scrapie Infected Sheep. PLoS ONE, 2012, 7, e36620.	2.5	35
7	Detection of prion particles in samples of BSE and scrapie by fluorescence correlation spectroscopy without proteinase K digestion. Biological Chemistry, 2006, 387, 95-102.	2.5	31
8	Spontaneous and BSE-prion-seeded amyloid formation of full length recombinant bovine prion protein. Biochemical and Biophysical Research Communications, 2008, 373, 493-497.	2.1	19
9	Kinetics of Advanced Glycation End Products Formation on Bovine Serum Albumin with Various Reducing Sugars and Dicarbonyl Compounds in Equimolar Ratios. Rejuvenation Research, 2012, 15, 201-205.	1.8	19
10	Seeded Fibrillation as Molecular Basis of the Species Barrier in Human Prion Diseases. PLoS ONE, 2013, 8, e72623.	2.5	18
11	Single-Particle Detection System for A β^2 Aggregates: Adaptation of Surface-Fluorescence Intensity Distribution Analysis to Laser Scanning Microscopy. Rejuvenation Research, 2010, 13, 206-209.	1.8	17
12	An Ultrasensitive Assay for Diagnosis of Alzheimer's Disease. Rejuvenation Research, 2008, 11, 315-318.	1.8	12
13	Prion infection. Prion, 2008, 2, 67-72.	1.8	10
14	Molecular Interactions between Prions as Seeds and Recombinant Prion Proteins as Substrates Resemble the Biological Interspecies Barrier In Vitro. PLoS ONE, 2010, 5, e14283.	2.5	10
15	Aggregation and Amyloid Fibril Formation of the Prion Protein Is Accelerated in the Presence of Glycogen. Rejuvenation Research, 2008, 11, 365-369.	1.8	6
16	Influence of the Maillard Reaction to Prion Protein Aggregation. Rejuvenation Research, 2010, 13, 220-223.	1.8	6
17	In vitro conversion and seeded fibrillization of posttranslationally modified prion protein. Biological Chemistry, 2011, 392, 415-21.	2.5	6
18	A Highly Sensitive Diagnostic Assay for Aggregate-Related Diseases, Including Prion Diseases and Alzheimer's Disease. Rejuvenation Research, 2008, 11, 359-363.	1.8	2