

Marten Beeg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1053740/publications.pdf>

Version: 2024-02-01

37
papers

2,098
citations

279487

23
h-index

360668

35
g-index

38
all docs

38
docs citations

38
times ranked

3791
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A Surface Plasmon Resonance-Based Assay for Simultaneous Measurement of Concentrations of and Anti-Drug. <i>Methods in Molecular Biology</i> , 2022, 2313, 323-336. | 0.4 | 0 |
| 2 | New nanostructures inhibiting human mannose binding lectin identified by a novel surface plasmon resonance assay. <i>Sensors and Actuators B: Chemical</i> , 2022, 360, 131661. | 4.0 | 0 |
| 3 | Characterization of raloxifene as a potential pharmacological agent against SARS-CoV-2 and its variants. <i>Cell Death and Disease</i> , 2022, 13, . | 2.7 | 9 |
| 4 | Nonphosphorylated tau slows down A β 1-42 aggregation, binds to A β 1-42 oligomers, and reduces A β 1-42 toxicity. <i>Journal of Biological Chemistry</i> , 2021, 296, 100664. | 1.6 | 3 |
| 5 | Characterization of the neutralizing anti- ϵ -emicizumab antibody in a patient with hemophilia A and inhibitor. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 711-718. | 1.9 | 19 |
| 6 | Can Antiviral Activity of Licorice Help Fight COVID-19 Infection?. <i>Biomolecules</i> , 2021, 11, 855. | 1.8 | 23 |
| 7 | Surface plasmon resonance unveils important pitfalls of enzyme-linked immunoassay for the detection of anti-infliximab antibodies in patients'sera. <i>Scientific Reports</i> , 2021, 11, 14976. | 1.6 | 7 |
| 8 | Doxycycline Inhibition of a Pseudotyped Virus Transduction Does Not Translate to Inhibition of SARS-CoV-2 Infectivity. <i>Viruses</i> , 2021, 13, 1745. | 1.5 | 2 |
| 9 | A novel hotspot of gelsolin instability triggers an alternative mechanism of amyloid aggregation. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 6355-6365. | 1.9 | 2 |
| 10 | A portable optical-fibre-based surface plasmon resonance biosensor for the detection of therapeutic antibodies in human serum. <i>Scientific Reports</i> , 2020, 10, 11154. | 1.6 | 82 |
| 11 | The Anti-Amyloidogenic Action of Doxycycline: A Molecular Dynamics Study on the Interaction with A β 42. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4641. | 1.8 | 28 |
| 12 | A Surface Plasmon Resonance-based assay to measure serum concentrations of therapeutic antibodies and anti-drug antibodies. <i>Scientific Reports</i> , 2019, 9, 2064. | 1.6 | 53 |
| 13 | Cellular prion protein neither binds to alpha-synuclein oligomers nor mediates their detrimental effects. <i>Brain</i> , 2019, 142, 249-254. | 3.7 | 38 |
| 14 | Doxycycline counteracts neuroinflammation restoring memory in Alzheimer's disease mouse models. <i>Neurobiology of Aging</i> , 2018, 70, 128-139. | 1.5 | 52 |
| 15 | Fingolimod Limits Acute A β 2 Neurotoxicity and Promotes Synaptic Versus Extrasynaptic NMDA Receptor Functionality in Hippocampal Neurons. <i>Scientific Reports</i> , 2017, 7, 41734. | 1.6 | 27 |
| 16 | Cardiac Light Chain Amyloidosis: The Role of Metal Ions in Oxidative Stress and Mitochondrial Damage. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 567-582. | 2.5 | 38 |
| 17 | QSAR model for blood-brain barrier permeation. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 88, 7-18. | 0.3 | 33 |
| 18 | Humanin Specifically Interacts with Amyloid- β 2 Oligomers and Counteracts Their in vivo Toxicity. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 857-871. | 1.2 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Utilization of the Monte Carlo Method to Build up QSAR Models for Hemolysis and Cytotoxicity of Antimicrobial Peptides. <i>Current Drug Discovery Technologies</i> , 2017, 14, 229-243. | 0.6 | 17 |
| 20 | The Anti-Prion Antibody 15B3 Detects Toxic Amyloid- β Oligomers. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1485-1497. | 1.2 | 12 |
| 21 | Monte Carlo method for predicting of cardiac toxicity: hERG blocker compounds. <i>Toxicology Letters</i> , 2016, 250-251, 42-46. | 0.4 | 31 |
| 22 | The new β amyloid-derived peptide A β 1-6A2V-TAT(D) prevents A β oligomer formation and protects transgenic <i>C. elegans</i> from A β toxicity. <i>Neurobiology of Disease</i> , 2016, 88, 75-84. | 2.1 | 17 |
| 23 | Clusterin Binds to A β 1-42 Oligomers with High Affinity and Interferes with Peptide Aggregation by Inhibiting Primary and Secondary Nucleation. <i>Journal of Biological Chemistry</i> , 2016, 291, 6958-6966. | 1.6 | 99 |
| 24 | Different mutations at V363 MAPT codon are associated with atypical clinical phenotypes and show unusual structural and functional features. <i>Neurobiology of Aging</i> , 2014, 35, 408-417. | 1.5 | 36 |
| 25 | Novel approaches for studying amyloidogenic peptides/proteins. <i>Current Opinion in Pharmacology</i> , 2013, 13, 797-801. | 1.7 | 15 |
| 26 | New mutations in MAPT gene causing frontotemporal lobar degeneration: biochemical and structural characterization. <i>Neurobiology of Aging</i> , 2012, 33, 834.e1-834.e6. | 1.5 | 28 |
| 27 | Specific Recognition of Biologically Active Amyloid- β Oligomers by a New Surface Plasmon Resonance-based Immunoassay and an in Vivo Assay in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 27796-27805. | 1.6 | 52 |
| 28 | In Vitro Aggregation Behavior of a Non-Amyloidogenic λ Light Chain Dimer Deriving from U266 Multiple Myeloma Cells. <i>PLoS ONE</i> , 2012, 7, e33372. | 1.1 | 21 |
| 29 | Time evolution of amyloid fibril length distribution described by a population balance model. <i>Chemical Engineering Science</i> , 2012, 78, 21-32. | 1.9 | 46 |
| 30 | Use of surface plasmon resonance to study the elongation kinetics and the binding properties of the highly amyloidogenic A β 1-42 peptide, synthesized by depsi-peptide technique. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2772-2775. | 5.3 | 36 |
| 31 | A modified protocol to prepare seed-free starting solutions of amyloid- β (A β)1-40 and A β 1-42 from the corresponding depsi-peptides. <i>Analytical Biochemistry</i> , 2011, 411, 297-299. | 1.1 | 38 |
| 32 | Lipid-based nanoparticles with high binding affinity for amyloid- β 1-42 peptide. <i>Biomaterials</i> , 2010, 31, 6519-6529. | 5.7 | 190 |
| 33 | Synthetic amyloid- β oligomers impair long-term memory independently of cellular prion protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2295-2300. | 3.3 | 435 |
| 34 | Development of a Proteolytically Stable Retro-Inverso Peptide Inhibitor of β -Amyloid Oligomerization as a Potential Novel Treatment for Alzheimer's Disease. <i>Biochemistry</i> , 2010, 49, 3261-3272. | 1.2 | 139 |
| 35 | A Recessive Mutation in the APP Gene with Dominant-Negative Effect on Amyloidogenesis. <i>Science</i> , 2009, 323, 1473-1477. | 6.0 | 357 |
| 36 | Conformational Plasticity of the Gerstmann-Sträussler-Scheinker Disease Peptide as Indicated by Its Multiple Aggregation Pathways. <i>Journal of Molecular Biology</i> , 2008, 381, 1349-1361. | 2.0 | 56 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Gerstmann-Sträussler-Scheinker Disease Amyloid Protein Polymerizes According to the "Dock-and-Lock" Model. Journal of Biological Chemistry, 2006, 281, 843-849. | 1.6 | 33 |