Stephen Connelly

List of Publications by Year
in descending order

22 papers	2,096 citations	471509 17 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	2567 citing authors

#	Article	IF	Citations
1	Tafamidis, a potent and selective transthyretin kinetic stabilizer that inhibits the amyloid cascade. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9629-9634.	7.1	582
2	The Transthyretin Amyloidoses: From Delineating the Molecular Mechanism of Aggregation Linked to Pathology to a Regulatory-Agency-Approved Drug. Journal of Molecular Biology, 2012, 421, 185-203.	4.2	267
3	Structure-based design of kinetic stabilizers that ameliorate the transthyretin amyloidoses. Current Opinion in Structural Biology, 2010, 20, 54-62.	5.7	160
4	Aromatic Sulfonyl Fluorides Covalently Kinetically Stabilize Transthyretin to Prevent Amyloidogenesis while Affording a Fluorescent Conjugate. Journal of the American Chemical Society, 2013, 135, 5656-5668.	13.7	142
5	Biochemical and Structural Evaluation of Highly Selective 2-Arylbenzoxazole-Based Transthyretin Amyloidogenesis Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 260-270.	6.4	127
6	AG10 inhibits amyloidogenesis and cellular toxicity of the familial amyloid cardiomyopathy-associated V122I transthyretin. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9992-9997.	7.1	120
7	A Fluorogenic Aryl Fluorosulfate for Intraorganellar Transthyretin Imaging in Living Cells and in Caenorhabditis elegans. Journal of the American Chemical Society, 2015, 137, 7404-7414.	13.7	86
8	Chemoselective small molecules that covalently modify one lysine in a non-enzyme protein in plasma. Nature Chemical Biology, 2010, 6, 133-139.	8.0	74
9	Toward Optimization of the Linker Substructure Common to Transthyretin Amyloidogenesis Inhibitors Using Biochemical and Structural Studies. Journal of Medicinal Chemistry, 2008, 51, 6348-6358.	6.4	73
10	Akt Phosphorylation and Regulation of Transketolase Is a Nodal Point for Amino Acid Control of Purine Synthesis. Molecular Cell, 2014, 55, 264-276.	9.7	70
11	A Substructure Combination Strategy To Create Potent and Selective Transthyretin Kinetic Stabilizers That Prevent Amyloidogenesis and Cytotoxicity. Journal of the American Chemical Society, 2010, 132, 1359-1370.	13.7	67
12	Toward Optimization of the Second Aryl Substructure Common to Transthyretin Amyloidogenesis Inhibitors Using Biochemical and Structural Studies. Journal of Medicinal Chemistry, 2009, 52, 1115-1125.	6.4	66
13	Potent Kinetic Stabilizers That Prevent Transthyretin-Mediated Cardiomyocyte Proteotoxicity. Science Translational Medicine, 2011, 3, 97ra81.	12.4	61
14	The Phosphatidylinositol 3-Kinase/Akt Cassette Regulates Purine Nucleotide Synthesis. Journal of Biological Chemistry, 2009, 284, 3521-3528.	3.4	53
15	Stabilizing the C_H2 Domain of an Antibody by Engineering in an Enhanced Aromatic Sequon. ACS Chemical Biology, 2016, 11, 1852-1861.	3.4	40
16	Bifunctional coumarin derivatives that inhibit transthyretin amyloidogenesis and serve as fluorescent transthyretin folding sensors. Chemical Communications, 2013, 49, 9188.	4.1	35
17	Stilbene Vinyl Sulfonamides as Fluorogenic Sensors of and Traceless Covalent Kinetic Stabilizers of Transthyretin That Prevent Amyloidogenesis. Journal of the American Chemical Society, 2013, 135, 17869-17880.	13.7	33
18	Synthesis and Biological Evaluation of 7â€Đeoxy Analogues of the Human Rhinovirus 3C Protease Inhibitor Thysanone. European Journal of Organic Chemistry, 2014, 2014, 122-128.	2.4	9

#	Article	IF	Citations
19	Fluorogenic small molecules requiring reaction with a specific protein to create a fluorescent conjugate for biological imagingâ€“what we know and what we need to learn. Biopolymers, 2014, 101, 484-495.	2.4	8
20	Semi-quantitative models for identifying potent and selective transthyretin amyloidogenesis inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3441-3449.	2.2	8
21	Biological and Structural Evaluation of 10R- and 10S-Methylthio-DDACTHF Reveals a New Role for Sulfur in Inhibition of Glycinamide Ribonucleotide Transformylase. Biochemistry, 2013, 52, 5133-5144.	2.5	7
22	Iridium-Catalysed Câ€“H Borylation Facilitates a Total Synthesis of the HRV 3C Protease Inhibitor (Â±)-Thysanone. Synlett, 2014, 25, 556-558.	1.8	7