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	Semi-quantitative models for identifying potent and selective transthyretin amyloidogenesis inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3441-3449.	2.2	8
2	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
3	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
4	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
5	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
6	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
7	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
8	Bifunctional coumarin derivatives that inhibit transthyretin amyloidogenesis and serve as fluorescent transthyretin folding sensors. Chemical Communications, 2013, 49, 9188.	4.1	35
9	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
10	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
11	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
12	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
13	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
14	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
15	Potent Kinetic Stabilizers That Prevent Transthyretin-Mediated Cardiomyocyte Proteotoxicity. Science Translational Medicine, 2011, 3, 97ra81.	12.4	61
16	Structure-based design of kinetic stabilizers that ameliorate the transthyretin amyloidoses. Current Opinion in Structural Biology, 2010, 20, 54-62.	5.7	160
17	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
18	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

#	Article	IF	Citations
19	The Phosphatidylinositol 3-Kinase/Akt Cassette Regulates Purine Nucleotide Synthesis. Journal of Biological Chemistry, 2009, 284, 3521-3528.	3.4	53
20	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
21	Biochemical and Structural Evaluation of Highly Selective 2-Arylbenzoxazole-Based Transthyretin Amyloidogenesis Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 260-270.	6.4	127
22	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