Joseph C Genereux

List of Publications by Year
in descending order

35 papers	2,599 citations	331670 21 h-index	377865 34 g-index
41 all docs	41 docs citations	41 times ranked	3596 citing authors

#	Article	IF	Citations
1	Mechanisms for DNA Charge Transport. Chemical Reviews, 2010, 110, 1642-1662.	47.7	703
2	Stress-Independent Activation of XBP1s and/or ATF6 Reveals Three Functionally Diverse ER Proteostasis Environments. Cell Reports, 2013, 3, 1279-1292.	6.4	436
3	Small molecule proteostasis regulators that reprogram the ER to reduce extracellular protein aggregation. ELife, 2016, 5, .	6.0	185
4	DNA-Mediated Charge Transport in Redox Sensing and Signaling. Journal of the American Chemical Society, 2010, 132, 891-905.	13.7	160
5	Stress-Regulated Translational Attenuation Adapts Mitochondrial Protein Import through Tim17A Degradation. Cell Metabolism, 2013, 18, 908-919.	16.2	142
6	Redox signaling between DNA repair proteins for efficient lesion detection. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15237-15242.	7.1	121
7	Unfolded protein responseâ€induced <scp>ER</scp> dj3 secretion links <scp>ER</scp> stress to extracellular proteostasis. EMBO Journal, 2015, 34, 4-19.	7.8	110
8	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
9	ATF6 Activation Reduces the Secretion and Extracellular Aggregation of Destabilized Variants of an Amyloidogenic Protein. Chemistry and Biology, 2014, 21, 1564-1574.	6.0	63
10	ERdj3 Is an Endoplasmic Reticulum Degradation Factor for Mutant Glucocerebrosidase Variants Linked to Gaucherâ€™s Disease. Chemistry and Biology, 2014, 21, 967-976.	6.0	63
11	Characterizing the Altered Cellular Proteome Induced by the Stress-Independent Activation of Heat Shock Factor 1. ACS Chemical Biology, 2014, 9, 1273-1283.	3.4	51
12	Single-Step Charge Transport through DNA over Long Distances. Journal of the American Chemical Society, 2011, 133, 3863-3868.	13.7	50
13	Induced Pluripotent Stem Cell Modeling of Multisystemic, Hereditary Transthyretin Amyloidosis. Stem Cell Reports, 2013, 1, 451-463.	4.8	42
14	XBP1s activation can globally remodel N-glycan structure distribution patterns. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10089-E10098.	7.1	41
15	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
16	Small molecule probes to quantify the functional fraction of a specific protein in a cell with minimal folding equilibrium shifts. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4449-4454.	7.1	32
17	Back-Electron Transfer Suppresses the Periodic Length Dependence of DNA-Mediated Charge Transport across Adenine Tracts. Journal of the American Chemical Society, 2008, 130, 15150-15156.	13.7	29
18	DNA charges ahead. Nature Chemistry, 2009, 1, 106-107.	13.6	29

#	Article	IF	Citations
19	Endoplasmic Reticulum Proteostasis Influences the Oligomeric State of an Amyloidogenic Protein Secreted from Mammalian Cells. Cell Chemical Biology, 2016, 23, 1282-1293.	5.2	29
20	Formation Kinetics of Insulin-Based Amyloid Gels and the Effect of Added Metalloporphyrins. Biophysical Journal, 2006, 90, 1033-1042.	0.5	27
21	Photocatalytic degradation of norfloxacin on different TiO_{2â^'X} polymorphs under visible light in water. RSC Advances, 2017, 7, 45721-45732.	3.6	26
22	Quantitative Interactome Proteomics Reveals a Molecular Basis for ATF6-Dependent Regulation of a Destabilized Amyloidogenic Protein. Cell Chemical Biology, 2019, 26, 913-925.e4.	5.2	26
23	Heat-Shock Response Transcriptional Program Enables High-Yield and High-Quality Recombinant Protein Production in Escherichia coli. ACS Chemical Biology, 2014, 9, 1945-1949.	3.4	23
24	Endoplasmic reticulum quality control and systemic amyloid disease: Impacting protein stability from the inside out. IUBMB Life, 2015, 67, 404-413.	3.4	22
25	Regulating extracellular proteostasis capacity through the unfolded protein response. Prion, 2015, 9, 10-21.	1.8	22
26	Bait Correlation Improves Interactor Identification by Tandem Mass Tag-Affinity Purification-Mass Spectrometry. Journal of Proteome Research, 2020, 19, 1565-1573.	3.7	9
27	Mapping wild-type and R345W fibulin-3 intracellular interactomes. Experimental Eye Research, 2016, 153, 165-169.	2.6	6
28	Hsp40 Affinity to Identify Proteins Destabilized by Cellular Toxicant Exposure. Analytical Chemistry, 2021, 93, 16940-16946.	6.5	5
29	Mass spectrometric approaches for profiling protein folding and stability. Advances in Protein Chemistry and Structural Biology, 2019, 118, 111-144.	2.3	4
30	Methodologies for Measuring Protein Trafficking across Cellular Membranes. ChemPlusChem, 2021, 86, 1397-1415.	2.8	4
31	ATF6 Activation Reduces Amyloidogenic Transthyretin Secretion through Increased Interactions with Endoplasmic Reticulum Proteostasis Factors. Cells, 2022, 11, 1661.	4.1	4
32	Monitoring Protein Import into the Endoplasmic Reticulum in Living Cells with Proximity Labeling. ACS Chemical Biology, 2022, 17, 1963-1977.	3.4	4
33	Protein profiling and pseudo-parallel reaction monitoring to monitor a fusion-associated conformational change in hemagglutinin. Analytical and Bioanalytical Chemistry, 2019, 411, 4987-4998.	3.7	3
34	Chemically Targeting the Emergent Properties of a Chaperone Complex. Chemistry and Biology, 2011, 18, 144-145.	6.0	1
35	The ER Hsp70 Hspa13 Redirects an Amyloidogenic Protein to Aggregation. FASEB Journal, 2018, 32, 794.10.	0.5	0