

Joseph C Genereux

List of Publications by Year in descending order

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35
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2,599
citations

331670

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3596
citing authors

#	ARTICLE	IF	CITATIONS
1	ATF6 Activation Reduces Amyloidogenic Transthyretin Secretion through Increased Interactions with Endoplasmic Reticulum Proteostasis Factors. <i>Cells</i> , 2022, 11, 1661.	4.1	4
2	Monitoring Protein Import into the Endoplasmic Reticulum in Living Cells with Proximity Labeling. <i>ACS Chemical Biology</i> , 2022, 17, 1963-1977.	3.4	4
3	Methodologies for Measuring Protein Trafficking across Cellular Membranes. <i>ChemPlusChem</i> , 2021, 86, 1397-1415.	2.8	4
4	Hsp40 Affinity to Identify Proteins Destabilized by Cellular Toxicant Exposure. <i>Analytical Chemistry</i> , 2021, 93, 16940-16946.	6.5	5
5	Bait Correlation Improves Interactor Identification by Tandem Mass Tag-Affinity Purification-Mass Spectrometry. <i>Journal of Proteome Research</i> , 2020, 19, 1565-1573.	3.7	9
6	Protein profiling and pseudo-parallel reaction monitoring to monitor a fusion-associated conformational change in hemagglutinin. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4987-4998.	3.7	3
7	Quantitative Interactome Proteomics Reveals a Molecular Basis for ATF6-Dependent Regulation of a Destabilized Amyloidogenic Protein. <i>Cell Chemical Biology</i> , 2019, 26, 913-925.e4.	5.2	26
8	Mass spectrometric approaches for profiling protein folding and stability. <i>Advances in Protein Chemistry and Structural Biology</i> , 2019, 118, 111-144.	2.3	4
9	XBP1s activation can globally remodel N-glycan structure distribution patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10089-E10098.	7.1	41
10	The ER Hsp70 Hspa13 Redirects an Amyloidogenic Protein to Aggregation. <i>FASEB Journal</i> , 2018, 32, 794.10.	0.5	0
11	Photocatalytic degradation of norfloxacin on different TiO ₂ polymorphs under visible light in water. <i>RSC Advances</i> , 2017, 7, 45721-45732.	3.6	26
12	Small molecule proteostasis regulators that reprogram the ER to reduce extracellular protein aggregation. <i>ELife</i> , 2016, 5, .	6.0	185
13	Endoplasmic Reticulum Proteostasis Influences the Oligomeric State of an Amyloidogenic Protein Secreted from Mammalian Cells. <i>Cell Chemical Biology</i> , 2016, 23, 1282-1293.	5.2	29
14	Mapping wild-type and R345W fibulin-3 intracellular interactomes. <i>Experimental Eye Research</i> , 2016, 153, 165-169.	2.6	6
15	Endoplasmic reticulum quality control and systemic amyloid disease: Impacting protein stability from the inside out. <i>IUBMB Life</i> , 2015, 67, 404-413.	3.4	22
16	A Fluorogenic Aryl Fluorosulfate for Intraorganellar Transthyretin Imaging in Living Cells and in <i>Caenorhabditis elegans</i> . <i>Journal of the American Chemical Society</i> , 2015, 137, 7404-7414.	13.7	86
17	Regulating extracellular proteostasis capacity through the unfolded protein response. <i>Prion</i> , 2015, 9, 10-21.	1.8	22
18	Unfolded protein response-induced ERdj3 secretion links ER stress to extracellular proteostasis. <i>EMBO Journal</i> , 2015, 34, 4-19.	7.8	110

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19	Small molecule probes to quantify the functional fraction of a specific protein in a cell with minimal folding equilibrium shifts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4449-4454.	7.1	32
20	ATF6 Activation Reduces the Secretion and Extracellular Aggregation of Destabilized Variants of an Amyloidogenic Protein. <i>Chemistry and Biology</i> , 2014, 21, 1564-1574.	6.0	63
21	Heat-Shock Response Transcriptional Program Enables High-Yield and High-Quality Recombinant Protein Production in <i>Escherichia coli</i> . <i>ACS Chemical Biology</i> , 2014, 9, 1945-1949.	3.4	23
22	ERdj3 Is an Endoplasmic Reticulum Degradation Factor for Mutant Glucocerebrosidase Variants Linked to Gaucher's Disease. <i>Chemistry and Biology</i> , 2014, 21, 967-976.	6.0	63
23	Characterizing the Altered Cellular Proteome Induced by the Stress-Independent Activation of Heat Shock Factor 1. <i>ACS Chemical Biology</i> , 2014, 9, 1273-1283.	3.4	51
24	Stress-Independent Activation of XBP1s and/or ATF6 Reveals Three Functionally Diverse ER Proteostasis Environments. <i>Cell Reports</i> , 2013, 3, 1279-1292.	6.4	436
25	Induced Pluripotent Stem Cell Modeling of Multisystemic, Hereditary Transthyretin Amyloidosis. <i>Stem Cell Reports</i> , 2013, 1, 451-463.	4.8	42
26	Stress-Regulated Translational Attenuation Adapts Mitochondrial Protein Import through Tim17A Degradation. <i>Cell Metabolism</i> , 2013, 18, 908-919.	16.2	142
27	Stilbene Vinyl Sulfonamides as Fluorogenic Sensors of and Traceless Covalent Kinetic Stabilizers of Transthyretin That Prevent Amyloidogenesis. <i>Journal of the American Chemical Society</i> , 2013, 135, 17869-17880.	13.7	33
28	Single-Step Charge Transport through DNA over Long Distances. <i>Journal of the American Chemical Society</i> , 2011, 133, 3863-3868.	13.7	50
29	Chemically Targeting the Emergent Properties of a Chaperone Complex. <i>Chemistry and Biology</i> , 2011, 18, 144-145.	6.0	1
30	Mechanisms for DNA Charge Transport. <i>Chemical Reviews</i> , 2010, 110, 1642-1662.	47.7	703
31	DNA-Mediated Charge Transport in Redox Sensing and Signaling. <i>Journal of the American Chemical Society</i> , 2010, 132, 891-905.	13.7	160
32	Redox signaling between DNA repair proteins for efficient lesion detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15237-15242.	7.1	121
33	DNA charges ahead. <i>Nature Chemistry</i> , 2009, 1, 106-107.	13.6	29
34	Back-Electron Transfer Suppresses the Periodic Length Dependence of DNA-Mediated Charge Transport across Adenine Tracts. <i>Journal of the American Chemical Society</i> , 2008, 130, 15150-15156.	13.7	29
35	Formation Kinetics of Insulin-Based Amyloid Gels and the Effect of Added Metalloporphyrins. <i>Biophysical Journal</i> , 2006, 90, 1033-1042.	0.5	27