Justin A Jones

List of Publications by Year in Descending Order

21 papers	608 citations	11 h-index	22 g-index
22 ext. papers	701 ext. citations	5.7 avg, IF	3.42 L-index

#	Paper	IF	Citations
21	The next generation of protein super-fibres: robust recombinant production and recovery of hagfish intermediate filament proteins with fibre spinning and mechanical-structural characterizations. *Microbial Biotechnology*, **2021**, 14, 1976-1989	6.3	1
20	Large scale production of synthetic spider silk proteins in Escherichia coli. *Protein Expression and Purification*, **2021**, 183, 105839	2	2
19	Silkworm Silk Fiber Bundles as Improved Scaffolds for Skeletal Muscle. *ACS Biomaterials Science and Engineering*, **2020**, 6, 6853-6863	5.5	1
18	CRISPR/Cas9 Initiated Transgenic Silkworms as a Natural Spinner of Spider Silk. *Biomacromolecules*, **2019**, 20, 2252-2264	6.9	22
17	Silkworms with Spider Silklike Fibers Using Synthetic Silkworm Chow Containing Calcium Lignosulfonate, Carbon Nanotubes, and Graphene. *ACS Omega*, **2019**, 4, 4832-4838	3.9	7
16	Utilizing Recombinant Spider Silk Proteins To Develop a Synthetic Bruchas Membrane for Modeling the Retinal Pigment Epithelium. *ACS Biomaterials Science and Engineering*, **2019**, 5, 4023-4036	5.5	4
15	Economic feasibility and environmental impact of synthetic spider silk production from escherichia coli. *New Biotechnology*, **2018**, 42, 12-18	6.4	28
14	Method for the Destruction of Endotoxin in Synthetic Spider Silk Proteins. *Scientific Reports*, **2018**, 8, 12166	4.9	3
13	Sticky Situation: An Investigation of Robust Aqueous-Based Recombinant Spider Silk Protein Coatings and Adhesives. *Biomacromolecules*, **2016**, 17, 3761-3772	6.9	23
12	Importance of Heat and Pressure for Solubilization of Recombinant Spider Silk Proteins in Aqueous Solution. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	5
11	Secondary Structure Adopted by the Gly-Gly-X Repetitive Regions of Dragline Spider Silk. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	22
10	Production and Application of Syringomycin E as an Organic Fungicide Seed Protectant against Pythium Damping-off. *Journal of Phytopathology*, **2016**, 164, 801-810	1.8	4
9	More than just fibers: an aqueous method for the production of innovative recombinant spider silk protein materials. *Biomacromolecules*, **2015**, 16, 1418-25	6.9	43
8	Physical and biological regulation of neuron regenerative growth and network formation on recombinant dragline silks. *Biomaterials*, **2015**, 48, 137-146	15.6	36
7	Mechanical and physical properties of recombinant spider silk films using organic and aqueous solvents. *Biomacromolecules*, **2014**, 15, 3158-70	6.9	54
6	Nephila clavipes Flagelliform silk-like GGX motifs contribute to extensibility and spacer motifs contribute to strength in synthetic spider silk fibers. *Biomacromolecules*, **2013**, 14, 1751-60	6.9	51
5	The absence of detectable fetal microchimerism in nontransgenic goats (Capra aegagrus hircus) bearing transgenic offspring. *Journal of Animal Science*, **2012**, 90, 481-8	0.7	9

4	Solid-state NMR comparison of various spidersadragline silk fiber. *Biomacromolecules*, **2010**, 11, 2039-43	6.9	54
3	Distinct contributions of model MaSp1 and MaSp2 like peptides to the mechanical properties of synthetic major ampullate silk fibers as revealed in silico. *Nanotechnology, Science and Applications*, **2008**, 1, 9-16	3.9	19
2	Efficient screening of high-signal and low-background antibody pairs in the bio-bar code assay using prion protein as the target. *Analytical Biochemistry*, **2008**, 382, 60-2	3.1	10
1	Synthetic spider silk: a modular fiber. *Trends in Biotechnology*, **2000**, 18, 374-9	15.1	210