

# Justin A Jones

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Synthetic spider silk: a modular fiber. <i>Trends in Biotechnology</i> , <b>2000</b> , 18, 374-9	15.1	210
20	Mechanical and physical properties of recombinant spider silk films using organic and aqueous solvents. <i>Biomacromolecules</i> , <b>2014</b> , 15, 3158-70	6.9	54
19	Solid-state NMR comparison of various spidersadragline silk fiber. <i>Biomacromolecules</i> , <b>2010</b> , 11, 2039-436.9	6.9	54
18	Nephila clavipes Flagelliform silk-like GGX motifs contribute to extensibility and spacer motifs contribute to strength in synthetic spider silk fibers. <i>Biomacromolecules</i> , <b>2013</b> , 14, 1751-60	6.9	51
17	More than just fibers: an aqueous method for the production of innovative recombinant spider silk protein materials. <i>Biomacromolecules</i> , <b>2015</b> , 16, 1418-25	6.9	43
16	Physical and biological regulation of neuron regenerative growth and network formation on recombinant dragline silks. <i>Biomaterials</i> , <b>2015</b> , 48, 137-146	15.6	36
15	Economic feasibility and environmental impact of synthetic spider silk production from escherichia coli. <i>New Biotechnology</i> , <b>2018</b> , 42, 12-18	6.4	28
14	Sticky Situation: An Investigation of Robust Aqueous-Based Recombinant Spider Silk Protein Coatings and Adhesives. <i>Biomacromolecules</i> , <b>2016</b> , 17, 3761-3772	6.9	23
13	CRISPR/Cas9 Initiated Transgenic Silkworms as a Natural Spinner of Spider Silk. <i>Biomacromolecules</i> , <b>2019</b> , 20, 2252-2264	6.9	22
12	Secondary Structure Adopted by the Gly-Gly-X Repetitive Regions of Dragline Spider Silk. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	22
11	Distinct contributions of model MaSp1 and MaSp2 like peptides to the mechanical properties of synthetic major ampullate silk fibers as revealed in silico. <i>Nanotechnology, Science and Applications</i> , <b>2008</b> , 1, 9-16	3.9	19
10	Efficient screening of high-signal and low-background antibody pairs in the bio-bar code assay using prion protein as the target. <i>Analytical Biochemistry</i> , <b>2008</b> , 382, 60-2	3.1	10
9	The absence of detectable fetal microchimerism in nontransgenic goats ( <i>Capra aegagrus hircus</i> ) bearing transgenic offspring. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 481-8	0.7	9
8	Silkworms with Spider Silklike Fibers Using Synthetic Silkworm Chow Containing Calcium Lignosulfonate, Carbon Nanotubes, and Graphene. <i>ACS Omega</i> , <b>2019</b> , 4, 4832-4838	3.9	7
7	Importance of Heat and Pressure for Solubilization of Recombinant Spider Silk Proteins in Aqueous Solution. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	5
6	Utilizing Recombinant Spider Silk Proteins To Develop a Synthetic Bruchæ Membrane for Modeling the Retinal Pigment Epithelium. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 4023-4036	5.5	4
5	Production and Application of Syringomycin E as an Organic Fungicide Seed Protectant against Pythium Damping-off. <i>Journal of Phytopathology</i> , <b>2016</b> , 164, 801-810	1.8	4

4	Method for the Destruction of Endotoxin in Synthetic Spider Silk Proteins. <i>Scientific Reports</i> , <b>2018</b> , 8, 12166	4.9	3
3	Large scale production of synthetic spider silk proteins in Escherichia coli. <i>Protein Expression and Purification</i> , <b>2021</b> , 183, 105839	2	2
2	Silkworm Silk Fiber Bundles as Improved Scaffolds for Skeletal Muscle. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 6853-6863	5.5	1
1	The next generation of protein super-fibres: robust recombinant production and recovery of hagfish intermediate filament proteins with fibre spinning and mechanical-structural characterizations. <i>Microbial Biotechnology</i> , <b>2021</b> , 14, 1976-1989	6.3	1