

Zhuoxin Yu

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Bacterial collagen-like proteins that form triple-helical structures. <i>Journal of Structural Biology</i> , 2014, 186, 451-461. | 2.8 | 117 |
| 2 | A <i>Streptococcus pyogenes</i> derived collagen-like protein as a non-cytotoxic and non-immunogenic cross-linkable biomaterial. <i>Biomaterials</i> , 2010, 31, 2755-2761. | 11.4 | 76 |
| 3 | Self-association of <i>Streptococcus pyogenes</i> collagen-like constructs into higher order structures. <i>Protein Science</i> , 2009, 18, 1241-1251. | 7.6 | 75 |
| 4 | Defining Requirements for Collagenase Cleavage in Collagen Type III Using a Bacterial Collagen System. <i>Journal of Biological Chemistry</i> , 2012, 287, 22988-22997. | 3.4 | 61 |
| 5 | Expanding the Family of Collagen Proteins: Recombinant Bacterial Collagens of Varying Composition Form Triple-Helices of Similar Stability. <i>Biomacromolecules</i> , 2010, 11, 348-356. | 5.4 | 59 |
| 6 | Dissecting a Bacterial Collagen Domain from <i>Streptococcus pyogenes</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 18960-18968. | 3.4 | 36 |
| 7 | Designed Coiled Coils Promote Folding of a Recombinant Bacterial Collagen. <i>Journal of Biological Chemistry</i> , 2011, 286, 17512-17520. | 3.4 | 31 |
| 8 | Location of Glycine Mutations within a Bacterial Collagen Protein Affects Degree of Disruption of Triple-helix Folding and Conformation. <i>Journal of Biological Chemistry</i> , 2011, 286, 2041-2046. | 3.4 | 26 |
| 9 | Noncollagenous region of the streptococcal collagen-like protein is a trimerization domain that supports refolding of adjacent homologous and heterologous collagenous domains. <i>Protein Science</i> , 2010, 19, 775-785. | 7.6 | 23 |