

Contribution of domain 30 of tropoelastin to elastic fiber elasticity

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#	ARTICLE	IF	CITATIONS
1	Design of an elastin-layered dermal regeneration template. <i>Acta Biomaterialia</i> , 2017, 52, 33-40.	4.1	32
2	Single nucleotide polymorphisms and domain/splice variants modulate assembly and elastomeric properties of human elastin. Implications for tissue specificity and durability of elastic tissue. <i>Biopolymers</i> , 2017, 107, e23007.	1.2	16
3	Biomechanical Design of Elastic Protein Biomaterials: A Balance of Protein Structure and Conformational Disorder. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 661-679.	2.6	44
4	2.7 Extracellular Matrix: Inspired Biomaterials $\hat{\alpha}$ †. , 2017, , 132-146.		2
5	Elastin-driven genetic diseases. <i>Matrix Biology</i> , 2018, 71-72, 144-160.	1.5	69
6	Engineering the Future of Silk Materials through Advanced Manufacturing. <i>Advanced Materials</i> , 2018, 30, e1706983.	11.1	126
7	Role of Liquidâ€Liquid Phase Separation in Assembly of Elastin and Other Extracellular Matrix Proteins. <i>Journal of Molecular Biology</i> , 2018, 430, 4741-4753.	2.0	86
8	Elastin architecture. <i>Matrix Biology</i> , 2019, 84, 4-16.	1.5	69
9	Sequence variants of human tropoelastin affecting assembly, structural characteristics and functional properties of polymeric elastin in health and disease. <i>Matrix Biology</i> , 2019, 84, 68-80.	1.5	19
10	Thermal and dielectric fingerprints of self-assembling elastin peptides derived from exon30. <i>AIMS Biophysics</i> , 2021, 8, 236-247.	0.3	0
11	Structural Proteins The Biochemistry of Elastin. , 2021, , 668-689.		0
12	A coarse-grained mechanical model for folding and unfolding of tropoelastin with possible mutations. <i>Acta Biomaterialia</i> , 2021, 134, 477-489.	4.1	4
13	Seeing Keratinocyte Proteins through the Looking Glass of Intrinsic Disorder. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7912.	1.8	8
14	The evolutionary background and functional consequences of the rs2071307 polymorphism in human tropoelastin. <i>Biopolymers</i> , 2021, 112, e23414.	1.2	4
15	Emerging mechanisms of elastin transcriptional regulation. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C666-C677.	2.1	4