

Katsiaryna Prudnikova

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

79
citations

1684188

5
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic Proteoglycans Mimic Macromolecular Architecture and Water Uptake of Natural Proteoglycans. <i>Biomacromolecules</i> , 2017, 18, 1713-1723.	5.4	28
2	The regulatory effects of proteoglycans on collagen fibrillogenesis and morphology investigated using biomimetic proteoglycans. <i>Journal of Structural Biology</i> , 2019, 206, 204-215.	2.8	13
3	Synthesis of macromolecular mimics of small leucine-rich proteoglycans with a poly(ethylene glycol) core and chondroitin sulphate bristles. <i>Carbohydrate Polymers</i> , 2017, 166, 338-347.	10.2	10
4	Biomimetic proteoglycans diffuse throughout articular cartilage and localize within the pericellular matrix. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1977-1987.	4.0	10
5	Biomimetic proteoglycans can molecularly engineer early osteoarthritic cartilage in vivo. <i>Journal of Orthopaedic Research</i> , 2019, 37, 403-411.	2.3	10
6	Modulating physical properties of porcine urethra with injection of novel biomimetic proteoglycans <i>ex vivo</i> . <i>Interface Focus</i> , 2019, 9, 20190013.	3.0	4
7	<i>In vivo</i> molecular engineering of the urethra for treatment of stress incontinence using novel biomimetic proteoglycans. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2409-2418.	3.4	4