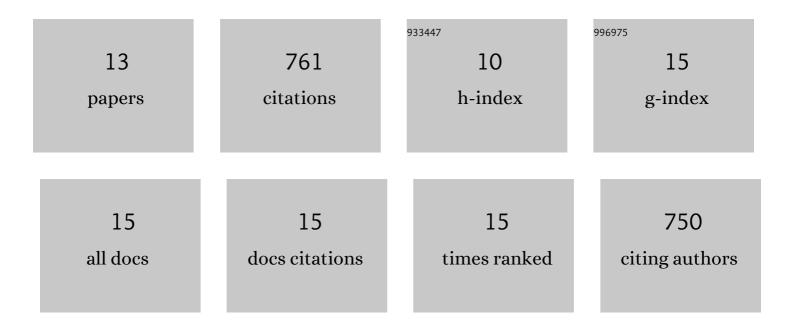
## Nicholas A Yaraghi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10533233/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Twisting cracks in Bouligand structures. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 76, 38-57.	3.1	181
2	A Sinusoidally Architected Helicoidal Biocomposite. Advanced Materials, 2016, 28, 6835-6844.	21.0	158
3	Crack twisting and toughening strategies in Bouligand architectures. International Journal of Solids and Structures, 2018, 150, 83-106.	2.7	138
4	Biomimetic Structural Materials: Inspiration from Design and Assembly. Annual Review of Physical Chemistry, 2018, 69, 23-57.	10.8	96
5	A natural energy absorbent polymer composite: The equine hoof wall. Acta Biomaterialia, 2019, 90, 267-277.	8.3	47
6	Structural analysis of the tongue and hyoid apparatus in a woodpecker. Acta Biomaterialia, 2016, 37, 1-13.	8.3	41
7	Light-induced transformation of vesicles to micelles and vesicle-gels to sols. Soft Matter, 2013, 9, 11576.	2.7	37
8	The Stomatopod Telson: Convergent Evolution in the Development of a Biological Shield. Advanced Functional Materials, 2019, 29, 1902238.	14.9	23
9	A comparative analysis of the avian skull: Woodpeckers and chickens. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 84, 273-280.	3.1	12
10	Microstructural and geometric influences in the protective scales of <i>Atractosteus spatula</i> . Journal of the Royal Society Interface, 2016, 13, 20160595.	3.4	10
11	Modulation of impact energy dissipation in biomimetic helicoidal composites. Journal of Materials Research and Technology, 2020, 9, 14619-14629.	5.8	9
12	Elemental and Phase Analysis of the Stomatopod Dactyl Club by X-Ray Mapping. Microscopy and Microanalysis, 2015, 21, 2007-2008.	0.4	1
13	X-Ray Mapping of an Impact-Resistant Crustacean-Derived Biocomposite. Microscopy and Microanalysis, 2016, 22, 98-99.	0.4	1