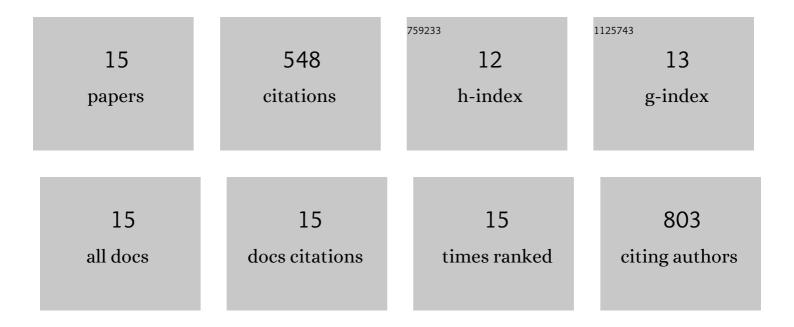
## Davoud Ebrahimi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2346005/publications.pdf Version: 2024-02-01



Πλυσιίο Εβρληιμί

#	Article	IF	CITATIONS
1	Nanolayered attributes of calciumâ€silicateâ€hydrate gels. Journal of the American Ceramic Society, 2020, 103, 541-557.	3.8	24
2	Silk-Based Hierarchical Materials for High Mechanical Performance at the Interface of Modeling, Synthesis, and Characterization. , 2020, , 1547-1574.		0
3	Predicting rates of <i>in vivo</i> degradation of recombinant spider silk proteins. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e97-e105.	2.7	21
4	Silk-Based Hierarchical Materials for High Mechanical Performance at the Interface of Modeling, Synthesis, and Characterization. , 2018, , 1-28.		1
5	Intracellular Pathways Involved in Bone Regeneration Triggered by Recombinant Silk–Silica Chimeras. Advanced Functional Materials, 2018, 28, 1702570.	14.9	31
6	Synergistic Integration of Experimental and Simulation Approaches for the <i>de Novo</i> Design of Silk-Based Materials. Accounts of Chemical Research, 2017, 50, 866-876.	15.6	45
7	Effect of Terminal Modification on the Molecular Assembly and Mechanical Properties of Proteinâ€Based Block Copolymers. Macromolecular Bioscience, 2017, 17, 1700095.	4.1	10
8	Predicting Silk Fiber Mechanical Properties through Multiscale Simulation and Protein Design. ACS Biomaterials Science and Engineering, 2017, 3, 1542-1556.	5.2	32
9	Integrated Modeling and Experimental Approaches to Control Silica Modification of Design Silk-Based Biomaterials. ACS Biomaterials Science and Engineering, 2017, 3, 2877-2888.	5.2	14
10	Effect of Polydispersity of Clay Platelets on the Aggregation and Mechanical Properties of Clay at the Mesoscale. Clays and Clay Minerals, 2016, 64, 425-437.	1.3	14
11	Mesoscale simulation of clay aggregate formation and mechanical properties. Granular Matter, 2016, 18, 1.	2.2	33
12	Silk–Its Mysteries, How It Is Made, and How It Is Used. ACS Biomaterials Science and Engineering, 2015, 1, 864-876.	5.2	85
13	Mesoscale properties of clay aggregates from potential of mean force representation of interactions between nanoplatelets. Journal of Chemical Physics, 2014, 140, .	3.0	73
14	Atomic-scale modelling of elastic and failure properties of clays. Molecular Physics, 2014, 112, 1294-1305.	1.7	61
15	Nanoscale Elastic Properties of Montmorillonite upon Water Adsorption. Langmuir, 2012, 28, 16855-16863.	3.5	104