Mohsen Akbarian

List of Publications by Year
in descending order

16 papers	478 citations	1040056 9 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	317 citing authors

#	Article	IF	Citations
1	Theranostic mesoporous silica nanoparticles made of multi-nuclear gold or carbon quantum dots particles serving as pH responsive drug delivery system. Microporous and Mesoporous Materials, 2022, 329, 111512.	4.4	31
2	Bioactive Peptides: Synthesis, Sources, Applications, and Proposed Mechanisms of Action. International Journal of Molecular Sciences, 2022, 23, 1445.	4.1	133
3	A novel method for the chaperone aided and efficient production of human proinsulin in the prokaryotic system. Journal of Biotechnology, 2022, 346, 35-46.	3.8	2
4	The inhibitory effect of curcumin loaded poly (vinyl caprolactam) nanohydrogel on insulin fibrillation. Process Biochemistry, 2022, 117, 209-218.	3.7	4
5	Nanoparticles for Coronavirus Control. Nanomaterials, 2022, 12, 1602.	4.1	9
6	Insulin therapy; a valuable legacy and its future perspective. International Journal of Biological Macromolecules, 2021, 181, 1224-1230.	7.5	6
7	Drug-based therapeutic strategies for COVID-19-infected patients and their challenges. Future Microbiology, 2021, 16, 1415-1451.	2.0	12
8	Inhibitory effect of coumarin and its analogs on insulin fibrillation /cytotoxicity is depend on oligomerization states of the protein. RSC Advances, 2020, 10, 38260-38274.	3.6	9
9	Applications of Graphene and Graphene Oxide in Smart Drug/Gene Delivery: Is the World Still Flat? . International Journal of Nanomedicine, 2020, Volume 15, 9469-9496.	6.7	121
10	Insulin fibrillation: toward strategies for attenuating the process. Chemical Communications, 2020, 56, 11354-11373.	4.1	41
11	Characterization of insulin cross-seeding: the underlying mechanism reveals seeding and denaturant-induced insulin fibrillation proceeds through structurally similar intermediates. RSC Advances, 2020, 10, 29885-29899.	3.6	7
12	Mechanistic Assessment of Functionalized Mesoporous Silica-Mediated Insulin Fibrillation. Journal of Physical Chemistry B, 2020, 124, 1637-1652.	2.6	10
13	Modulating Insulin Fibrillation Using Engineered B-Chains with Mutated C-Termini. Biophysical Journal, 2019, 117, 1626-1641.	0.5	25
14	Human Î±B-crystallin as fusion protein and molecular chaperone increases the expression and folding efficiency of recombinant insulin. PLoS ONE, 2018, 13, e0206169.	2.5	18
15	Chemical modifications of insulin: Finding a compromise between stability and pharmaceutical performance. International Journal of Pharmaceutics, 2018, 547, 450-468.	5.2	35
16	Deleting the Ig-Like Domain of Alicyclobacillus acidocaldarius Endoglucanase Cel9A Causes a Simultaneous Increase in the Activity and Stability. Molecular Biotechnology, 2016, 58, 12-21.	2.4	15