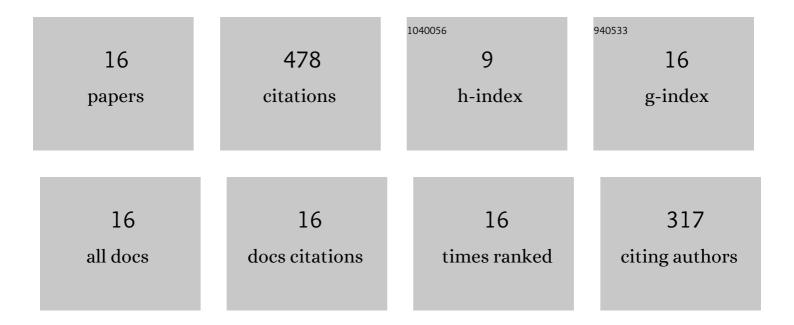
Mohsen Akbarian

List of Publications by Year in descending order

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Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Bioactive Peptides: Synthesis, Sources, Applications, and Proposed Mechanisms of Action. International Journal of Molecular Sciences, 2022, 23, 1445. | 4.1 | 133 |
| 2 | <p>Applications of Graphene and Graphene Oxide in Smart Drug/Gene Delivery: Is the World Still Flat?</p> . International Journal of Nanomedicine, 2020, Volume 15, 9469-9496. | 6.7 | 121 |
| 3 | Insulin fibrillation: toward strategies for attenuating the process. Chemical Communications, 2020, 56, 11354-11373. | 4.1 | 41 |
| 4 | Chemical modifications of insulin: Finding a compromise between stability and pharmaceutical performance. International Journal of Pharmaceutics, 2018, 547, 450-468. | 5.2 | 35 |
| 5 | 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 |
| 6 | Modulating Insulin Fibrillation Using Engineered B-Chains with Mutated C-Termini. Biophysical Journal, 2019, 117, 1626-1641. | 0.5 | 25 |
| 7 | Human $\hat{l}\pm B$ -crystallin as fusion protein and molecular chaperone increases the expression and folding efficiency of recombinant insulin. PLoS ONE, 2018, 13, e0206169. | 2.5 | 18 |
| 8 | 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 |
| 9 | Drug-based therapeutic strategies for COVID-19-infected patients and their challenges. Future Microbiology, 2021, 16, 1415-1451. | 2.0 | 12 |
| 10 | Mechanistic Assessment of Functionalized Mesoporous Silica-Mediated Insulin Fibrillation. Journal of Physical Chemistry B, 2020, 124, 1637-1652. | 2.6 | 10 |
| 11 | 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 |
| 12 | Nanoparticles for Coronavirus Control. Nanomaterials, 2022, 12, 1602. | 4.1 | 9 |
| 13 | 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 |
| 14 | Insulin therapy; a valuable legacy and its future perspective. International Journal of Biological Macromolecules, 2021, 181, 1224-1230. | 7.5 | 6 |
| 15 | The inhibitory effect of curcumin loaded poly (vinyl caprolactam) nanohydrogel on insulin fibrillation. Process Biochemistry, 2022, 117, 209-218. | 3.7 | 4 |
| 16 | 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 |