

# Amirala Bakhshian Nik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2958054/publications.pdf>

Version: 2024-02-01

10  
papers

558  
citations

1306789

7  
h-index

1588620

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1067  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Status and future scope of plant-based green hydrogels in biomedical engineering. Applied Materials Today, 2019, 16, 213-246.   | 2.3  | 154       |
| 2  | Extracellular Vesicles As Mediators of Cardiovascular Calcification. Frontiers in Cardiovascular Medicine, 2017, 4, 78.   | 1.1  | 103       |
| 3  | Microfluidic systems for stem cell-based neural tissue engineering. Lab on A Chip, 2016, 16, 2551-2571.   | 3.1  | 100       |
| 4  | Smart drug delivery: Capping strategies for mesoporous silica nanoparticles. Microporous and Mesoporous Materials, 2020, 299, 110115.   | 2.2  | 85        |
| 5  | Nanotechnology in diagnosis and treatment of coronary artery disease. Nanomedicine, 2016, 11, 513-530.  | 1.7  | 60        |
| 6  | Gold nanostructures: synthesis, properties, and neurological applications. Chemical Society Reviews, 2022, 51, 2601-2680.   | 18.7 | 43        |
| 7  | Nanoanalytical analysis of bisphosphonate-driven alterations of microcalcifications using a 3D hydrogel system and in vivo mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3  | 9         |
| 8  | The Time-Dependent Role of Bisphosphonates on Atherosclerotic Plaque Calcification. Journal of Cardiovascular Development and Disease, 2022, 9, 168.  | 0.8  | 3         |
| 9  | The effect of bone scaffold gradient architecture design on stem cell mechanical modulation: a computational study. , 2015, , .   |      | 0         |
| 10 | In Silico Evaluation of Bilinear Elastoplastic Coronary Artery Stents. Advanced Engineering Materials, 0, , 2100800.  | 1.6  | 0         |