

Mahdi Tavakol

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1323288/publications.pdf>

Version: 2024-02-01

7
papers

201
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease-related metabolites affect protein-nanoparticle interactions. <i>Nanoscale</i> , 2018, 10, 7108-7115.	5.6	61
2	Mechanistic Understanding of the Interactions between Nano-Objects with Different Surface Properties and β -Synuclein. <i>ACS Nano</i> , 2019, 13, 3243-3256.	14.6	51
3	Shock wave sintering of Al/SiC metal matrix nano-composites: A molecular dynamics study. <i>Computational Materials Science</i> , 2016, 125, 255-262.	3.0	31
4	Mechanical properties of graphene oxide: The impact of functional groups. <i>Applied Surface Science</i> , 2020, 525, 146554.	6.1	23
5	The structural role of osteocalcin in bone biomechanics and its alteration in Type-2 Diabetes. <i>Scientific Reports</i> , 2020, 10, 17321.	3.3	15
6	Mechanisms Governing Microstructural Evolution During Consolidation of Nanoparticles. <i>Materials and Manufacturing Processes</i> , 2015, 30, 1397-1402.	4.7	11
7	Energy dissipation of osteopontin at a HAp mineral interface: Implications for bone biomechanics. <i>Biophysical Journal</i> , 2022, 121, 228-236.	0.5	9