

# Mahdi Tavakol

## List of Publications by Year in descending order

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

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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	Energy dissipation of osteopontin at a HAp mineral interface: Implications for bone biomechanics. <i>Biophysical Journal</i> , 2022, 121, 228-236.	0.5	9
2	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
3	Mechanical properties of graphene oxide: The impact of functional groups. <i>Applied Surface Science</i> , 2020, 525, 146554.	6.1	23
4	Mechanistic Understanding of the Interactions between Nano-Objects with Different Surface Properties and $\beta$ -Synuclein. <i>ACS Nano</i> , 2019, 13, 3243-3256.	14.6	51
5	Disease-related metabolites affect protein-nanoparticle interactions. <i>Nanoscale</i> , 2018, 10, 7108-7115.	5.6	61
6	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
7	Mechanisms Governing Microstructural Evolution During Consolidation of Nanoparticles. <i>Materials and Manufacturing Processes</i> , 2015, 30, 1397-1402.	4.7	11