

# Mehrdad Poursina

## List of Publications by Year in descending order

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11  
papers

68  
citations

2258059

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h-index

1872680

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all docs

11  
docs citations

11  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of helical gear tooth crack location and depth detection using moving average method on transmission error. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2021, 235, 2266-2275.	1.1	0
2	An analytical determining the internal ring gear rim stiffness for practical purpose. Journal of Mechanical Science and Technology, 2021, 35, 4617-4625.	1.5	4
3	Multi crack detection in helical gear teeth using transmission error ratio. Journal of Mechanical Science and Technology, 2019, 33, 1115-1121.	1.5	11
4	Calculation of time dependent mesh stiffness of helical planetary gear system using analytical approach. Journal of Mechanical Science and Technology, 2018, 32, 3537-3545.	1.5	18
5	Study of gyroscopic effects on the dynamics and vibrations of double-helical planetary gear set. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2017, , 146441931772594.	0.8	3
6	A NEW DYNAMICAL MODELING OF XENOPUS LAEVIS DURING FAST SWIMMING BASED ON REAL KINEMATICAL AND GEOMETRICAL DATA. Journal of Mechanics in Medicine and Biology, 2016, 16, 1650038.	0.7	2
7	The effect of anisotropy on wrinkling of tube under rotary draw bending. Journal of Mechanical Science and Technology, 2013, 27, 783-792.	1.5	17
8	An investigative study on the performance of twist roll machine in a continuous cold strip rolling mill. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2013, 227, 1633-1649.	2.1	0
9	Prediction of Fracture in Deep Drawing Process, Using Ductile Damage Criteria. AIP Conference Proceedings, 2011, , .	0.4	2
10	A Study on Fracture Locus of St12 Steel And Implementation Ductile Damage Criteria. , 2010, , .		11
11	Presenting an explicit step-by-step algorithm for lemaitre's ductile damage model with the crack closure effect in tensile-compressive loadings. Mechanics Based Design of Structures and Machines, 0, , 1-15.	4.7	0