

# Debashis Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1998635/publications.pdf>

Version: 2024-02-01

11  
papers

39  
citations

2258059

3  
h-index

1872680

6  
g-index

11  
all docs

11  
docs citations

11  
times ranked

10  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new conservation integral for circular arc crack under multiple loads. Engineering Fracture Mechanics, 2007, 74, 2375-2394.	4.3	12
2	On fatigue crack growth in plastically compressible hardening and hardening-softening-hardening solids using crack-tip blunting. International Journal of Fracture, 2018, 213, 139-155.	2.2	8
3	Circular arc crack under dynamic load: a generalized approach for energy release rate. International Journal of Fracture, 2006, 141, 27-35.	2.2	6
4	Quasi-statically growing crack tip fields in plastically compressible hardening-softening-hardening solid. International Journal of Structural Integrity, 2018, 9, 532-547.	3.3	3
5	On the Evaluation of Path Independent Integral for Circular ARC Crack. Mechanics Based Design of Structures and Machines, 2010, 38, 300-327.	4.7	2
6	Effect of crack tip shape on near-tip deformation and fields in plastically compressible solids. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	2
7	A numerical study of the effects of overload on fatigue crack growth in plastically compressible hardening and hardening-softening-hardening solids. Mechanics Based Design of Structures and Machines, 2020, , 1-17.	4.7	2
8	Assessment of Structural Integrity under Dynamic Loading using Path-Independent Integral. Mechanics Based Design of Structures and Machines, 2013, 41, 434-451.	4.7	1
9	Numerical simulation of void growth in front of a blunting crack-tip in plastically compressible solids. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	1
10	Role of Initial Crack Tip Shape, Plastic Compressibility and Strain Softening on Near-Tip Stress-Strain State in Fatigue Cracks during Simulation of a Finite Deformation based Elastic-Viscoplastic Constitutive Model. Medziagotyra, 2022, 28, 120-125.	0.2	1
11	Design and analysis of crack-tip fields in plastically compressible hardening solids under cyclic loading. International Journal on Interactive Design and Manufacturing, 0, , .	2.2	1