

# Vidit Gaur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7485061/publications.pdf>

Version: 2024-02-01

14  
papers

180  
citations

1478505

6  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	A study on fatigue behavior of MIG-welded Al-Mg alloy with different filler-wire materials under mean stress. International Journal of Fatigue, 2018, 107, 119-129.	5.7	49
2	Effect of post-weld heat treatment on mechanical properties and fatigue crack growth rate in welded AA-2024. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 779, 139116.	5.6	43
3	Surface versus internal fatigue crack initiation in steel: Influence of mean stress. International Journal of Fatigue, 2016, 82, 437-448.	5.7	28
4	Micro-mechanical investigation of fatigue behavior of Al alloys containing surface/superficial defects. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 775, 138958.	5.6	18
5	Combined effect of residual and mean stresses on fatigue behavior of welded aluminum 2024 alloy. International Journal of Fatigue, 2022, 155, 106565.	5.7	17
6	Effect of biaxial cyclic tension on the fatigue life and damage mechanisms of Cr-Mo steel. International Journal of Fatigue, 2016, 87, 124-131.	5.7	11
7	Physically short and long-crack growth behavior of MIG welded Al-5.8%Mg alloy. Engineering Fracture Mechanics, 2019, 209, 301-316.	4.3	6
8	Corrosion-fatigue behaviour of Cr-Mo steel under biaxial tension. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 2560-2570.	3.4	5
9	Fatigue of Clip Connectors for Offshore Drilling Risers under the Combined Influence of High Mean Stress and Biaxial Tension. Procedia Engineering, 2015, 133, 90-101.	1.2	1
10	Fatigue life and crack growth behavior of post welded Aluminum 5183 alloy. MATEC Web of Conferences, 2018, 165, 21013.	0.2	1
11	Fatigue of Clip connectors for offshore drilling risers under biaxial tension. MATEC Web of Conferences, 2014, 12, 04027.	0.2	0
12	Influence of Weld Parameters and Filler-Wire on Fatigue Behavior of MIG-Welded Al-5083 Alloy. , 2018, , 209-214.		0
13	Low Cycle Fatigue Analysis of High-Strength Aluminum Alloy 2024. Lecture Notes in Mechanical Engineering, 2022, , 211-223.	0.4	0
14	Advances in Fatigue Prediction Techniques. , 0, , .		0