

# Akhil Vijay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4155005/publications.pdf>

Version: 2024-02-01

6  
papers

107  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3D finite element modelling of crystalline anisotropy in rolling contact fatigue. International Journal of Fatigue, 2018, 106, 92-102.	5.7	39
2	A continuum damage mechanics framework for modeling the effect of crystalline anisotropy on rolling contact fatigue. Tribology International, 2019, 140, 105845.	5.9	30
3	Finite element modeling of fretting wear in anisotropic composite coatings: Application to HVOF Cr <sub>3</sub> C <sub>2</sub> -NiCr coating. Tribology International, 2021, 155, 106765.	5.9	18
4	An anisotropic damage model for tensile fatigue. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 129-142.	3.4	8
5	Rolling contact fatigue of coupled EHL and anisotropic polycrystalline materials. Tribology International, 2022, 169, 107479.	5.9	8
6	A crystal plasticity and cohesive element model for rolling contact fatigue of bearing steels. Tribology International, 2022, 173, 107607.	5.9	4