

# Kwangsik Kwak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9996879/publications.pdf>

Version: 2024-02-01

8  
papers

96  
citations

1937685  
4  
h-index

1872680  
6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of non-uniform plasticity in a high-strength Al-Mn-Sc based alloy produced by laser powder bed fusion. <i>Journal of Materials Science and Technology</i> , 2022, 103, 121-133.	10.7	22
2	Multiscale mechanical characterization of 601 nickel-based superalloy fabricated using wire-arc additive manufacturing. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 836, 142734.	5.6	4
3	Micro-mechanical characterisation of slip behaviour and precipitation strengthening in CoCrFeNiTiMo alloy additively manufactured by laser powder bed fusion. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 840, 142970.	5.6	3
4	Anisotropy of <math>\sigma</math> and <math>\epsilon</math> slip behaviour in single-colony lamellar structures of Ti-6Al-4V. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 715, 315-319.	5.6	25
5	Micro-tensile Behaviour of Low-alloy Steel with Bainite/martensite Microstructure. <i>ISIJ International</i> , 2016, 56, 2313-2319.	1.4	7
6	Anisotropy of strength and plasticity in lath martensite steel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 674, 104-116.	5.6	34
7	Micro-tensile Behaviour of Low Alloy Steel with Bainite/martensite Microstructure. <i>Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan</i> , 2016, 102, 304-310.	0.4	0
8	Resonant Fatigue Testing of Cantilever Specimens Prepared from Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1139, 1.	0.1	1