

# Yong Pang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6800378/publications.pdf>

Version: 2024-02-01

9  
papers

106  
citations

1478505

6  
h-index

1474206

9  
g-index

9  
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9  
docs citations

9  
times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-scale modelling framework for anisotropy prediction in aluminium alloy sheet and its application in the optimisation of the deep-drawing process. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 114, 3401-3417.	3.0	6
2	The structural integrity of flash-butt welded premium rail steel – Evaluation of strength, microstructure and defects. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2021, 235, 1006-1012.	2.0	3
3	Measurement of deformation of the concrete sleepers under different support conditions using non-contact laser speckle imaging sensor. <i>Engineering Structures</i> , 2020, 205, 110054.	5.3	18
4	A 3D phenomenological yield function with both in and out-of-plane mechanical anisotropy using full-field crystal plasticity spectral method for modelling sheet metal forming of strong textured aluminum alloy. <i>International Journal of Solids and Structures</i> , 2020, 193-194, 117-133.	2.7	28
5	Development of a non-contact and non-destructive laser speckle imaging system for remote sensing of anisotropic deformation around fastener holes. <i>NDT and E International</i> , 2020, 111, 102219.	3.7	6
6	Enhanced laser speckle optical sensor for in situ strain sensing and structural health monitoring. <i>Optics Letters</i> , 2020, 45, 2331.	3.3	5
7	Numerical investigation of evolution of earing, anisotropic yield and plastic potentials in cold rolled FCC aluminium alloy based on the crystallographic texture measurements. <i>European Journal of Mechanics, A/Solids</i> , 2019, 75, 41-55.	3.7	26
8	An investigation of plastic behaviour in cold-rolled aluminium alloy AA2024-T3 using laser speckle imaging sensor. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 2707-2724.	3.0	8
9	A new temperature-dependent anisotropic constitutive model for predicting deformation and spring-back in warm deep drawing of automotive AA5086-H111 aluminium alloy sheet. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 97, 3407-3421.	3.0	6