

# Sansot Panich

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23 papers	208 citations	6 h-index	14 g-index
27 ext. papers	247 ext. citations	1.6 avg, IF	3.09 L-index

#	Paper	IF	Citations
23	Development of bending limit strain and stress curves of bendability prediction for assembling automotive body panels. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , <b>2022</b> , 16, JAMDSM0013-JAMDSM0013	0.6	1
22	Comparative study of fracture criteria through bona fide experimental & numerical examinations on AA2024-T3. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2022</b> , 119, 7685	3.2	1
21	Anisotropic fracture forming limit curve and its applications for sheet metal forming with complex strain paths of aluminum sheet. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2021</b> , 115, 3553-3577	3.2	2
20	Formability evaluation of sheet metal forming on advanced high-strength steel via an integrative experimental-theoretical approach based on localized necking and fracture limits. <i>Journal of Mechanical Science and Technology</i> , <b>2021</b> , 35, 5389-5404	1.6	1
19	Wrinkling Prediction of Rectangular Cup Deep Drawing Process for Aluminum Alloy Sheets by Using the Modified Yoshida Buckling Test. <i>Key Engineering Materials</i> , <b>2020</b> , 856, 143-151	0.4	
18	Development of Stress- and Strain-Based Fracture Forming Limit Curves of Sheet Aluminium-Alloy AA2024-T3 through Various Approaches. <i>Key Engineering Materials</i> , <b>2020</b> , 856, 57-65	0.4	1
17	Formability prediction of advanced high-strength steel sheets by means of combined experimental and numerical approaches. <i>Procedia Manufacturing</i> , <b>2019</b> , 29, 528-535	1.5	1
16	Influence of Pre-Stretching Levels on the Forming Limit Strain and Stress Curves of High Strength Steel Sheet. <i>Key Engineering Materials</i> , <b>2019</b> , 798, 25-31	0.4	0
15	Stress and strain based fracture forming limit curves for advanced high strength steel sheet. <i>International Journal of Material Forming</i> , <b>2018</b> , 11, 643-661	2	15
14	Forming limits of dual phase steels using crystal plasticity in conjunction with MK approach. <i>Procedia Manufacturing</i> , <b>2018</b> , 15, 1816-1824	1.5	0
13	Damage initiation and fracture loci for advanced high strength steel sheets taking into account anisotropic behaviour. <i>Journal of Materials Processing Technology</i> , <b>2017</b> , 248, 218-235	5.3	21
12	Formability Analysis of Fukui Stretch-Drawing and Square Cup Drawing Using Strain and Stress Based Forming Limit Curves. <i>Key Engineering Materials</i> , <b>2017</b> , 751, 167-172	0.4	0
11	Bending Limit Curves in Sheet Metal Bending Evaluation. <i>Key Engineering Materials</i> , <b>2017</b> , 751, 180-185	0.4	1
10	Bendability evaluation of sheet metals in three-point bending test by using acoustic emission features. <i>Journal of Applied Science</i> , <b>2017</b> , 16, 15-22	0	5
9	A hybrid method for prediction of damage initiation and fracture and its application to forming limit analysis of advanced high strength steel sheet. <i>Engineering Fracture Mechanics</i> , <b>2016</b> , 166, 97-127	4.2	13
8	Investigation of anisotropic plastic deformation of advanced high strength steel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2014</b> , 592, 207-220	5.3	17
7	Effects of Anisotropic Yield Functions on Prediction of Forming Limit Diagram for AHS Steel. <i>Key Engineering Materials</i> , <b>2014</b> , 622-623, 257-264	0.4	

6	Experimental and theoretical formability analysis using strain and stress based forming limit diagram for advanced high strength steels. <i>Materials &amp; Design</i> , <b>2013</b> , 51, 756-766		117
5	Determination of Damage Criterion Using a Hybrid Analysis for Advanced High Strength Steel. <i>Advanced Materials Research</i> , <b>2013</b> , 849, 200-206	0.5	1
4	Forming Limit Curves and Forming Limit Stress Curves for Advanced High Strength Steels. <i>Materials Science Forum</i> , <b>2013</b> , 773-774, 109-114	0.4	1
3	Constitutive Modeling of Advanced High Strength Steels Characterized by Uniaxial and Biaxial Experiments. <i>Advanced Materials Research</i> , <b>2013</b> , 849, 207-211	0.5	
2	Anisotropic Plastic Behavior of TRIP 780 Steel Sheet in Hole Expansion Test. <i>Key Engineering Materials</i> , <b>2012</b> , 504-506, 89-94	0.4	8
1	Modeling of Anisotropic Plastic Behavior of Advanced High Strength Steel Sheet TRIP 780. <i>Advanced Materials Research</i> , <b>2011</b> , 410, 232-235	0.5	1