

Ladislav Novotný^{1/2}

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

64
citations

1937685

4
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulations in multipass welds using low transformation temperature filler material. Science and Technology of Welding and Joining, 2016, 21, 680-687.	3.1	22
2	Thermal analysis and phase transformation behaviour during additive manufacturing of Ti-6Al-4V alloy. Materials Science and Technology, 2019, 35, 846-855.	1.6	20
3	Calculation of T- σ Stress on 3D Specimens with Crack. Procedia Engineering, 2012, 48, 489-494.	1.2	8
4	Imperfections generation in finite element models of welding. Science and Technology of Welding and Joining, 2018, 23, 148-157.	3.1	6
5	Numerical Analysis of the Influence of Material Model on Response of Compressed Imperfect Thin-Walled Channel. Applied Mechanics and Materials, 2014, 611, 188-193.	0.2	3
6	Calculations of Phase Transformations in Welding Simulations. Applied Mechanics and Materials, 0, 611, 46-53.	0.2	3
7	Application of Differential Equations to Calculations of Large Deformations of Structural Members. Applied Mechanics and Materials, 2014, 611, 400-404.	0.2	1
8	The Welding of Dissimilar Joints with Low Temperature Martensitic Transformation Filler Material. Soldagem E Inspecao, 2018, 23, 505-514.	0.6	1
9	Analytical and Numerical Solution of Large Actuator Deformation. Applied Mechanics and Materials, 2015, 816, 96-102.	0.2	0
10	Finite Element Simulation of Bending of Steel Bar Including Plasticity. Applied Mechanics and Materials, 2015, 816, 182-187.	0.2	0
11	Finite element analysis of multipass welding using LTT filler material. AIP Conference Proceedings, 2021, , .	0.4	0
12	Imperfections for simulations of weld-induced buckling. AIP Conference Proceedings, 2021, , .	0.4	0