Takuya Miura

List of Publications by Year
in descending order

14	240	1478505 6	1281871 11
papers	citations	h-index	g-index

15	15	15	242
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bone Loss and Reduced Bone Quality of the Human Femur after Total Hip Arthroplasty under Stress-Shielding Effects by Titanium-Based Implant. Materials Transactions, 2012, 53, 565-570.	1.2	91
2	Investigation into feasibility of FSW process for welding 1600 MPa quenched and tempered steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 651, 904-913.	5.6	45
3	Enhanced tensile properties of Feâ€“Niâ€“C steel resulting from stabilization of austenite by friction stir welding. Journal of Materials Processing Technology, 2015, 216, 216-222.	6.3	44
4	Stabilization of austenite in low carbon Crâ€“Mo steel by high speed deformation during friction stir welding. Materials and Design, 2016, 90, 915-921.	7.0	27
5	Stability of the retained austenite in low-alloyed transformation induced plasticity-aided steels during friction stir welding. Science and Technology of Welding and Joining, 2016, 21, 281-286.	3.1	11
6	Optimization of microstructure at Ni-C steel joint by friction stir welding with CO2 cooling. Welding International, 2018, 32, 338-344.	0.7	8
7	Development of Friction Stir Incremental Forming Process Using Penetrating Tool. Procedia Engineering, 2017, 207, 789-794.	1.2	4
8	Prediction of Material Flow Behavior in Stir Zones of Friction Stir Welded 6ï¼…Ni Carbon Steel Based on Texture Analysis. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2022, , .	0.4	3
9	Stabilization of the Retained Austenite in Steel by Friction Stir Welding. , 2015, , 47-54.		2
10	Effects of Carbon Content and Austenite Grain Size on Retained Austenite Fraction in Stir Zone of Friction Stir Welded 6%Ni Carbon Steels. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2022, 108, 343-353.	0.4	2
11	Optimization of Microstructure at Ni-C steel joint by friction stir welding with CO₂ cooling. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2015, 33, 358-364.	0.5	1
12	Development of optical-heating-assisted incremental forming method for CFRTP sheet - Fundamental forming characteristics in spot-forming -. Procedia Engineering, 2017, 207, 813-818.	1.2	1
13	Transformation Behavior of Austenite in Friction Stir Weld and Effects for Strength and Ductility. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2019, 88, 116-119.	0.1	0
14	Effect of Welding Condition on Texture Evolution of Austenite in Stir Zone and Marternsitic Transformation Behavior during Cooling in Ni-C Steels. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2022, , .	0.4	0