ẤN PHẨM THÔNG TIN THƯ MỤC THEO CHUYÊN NGÀNH

Nghiên cứu ứng dụng các quá trình hàn khuấy ma sát. Chuyên ngành Hàn và công nghệ kim loại (Trường Cơ khí)

Ấn phẩm bao gồm link các tài liệu điện tử theo từ khóa: Hàn khuấy ma sát = Friction stir welding

STT	Tên tài liệu	Nguồn CSDL	Loại tài liệu	Ghi chú
1	Enhancement of the mechanical properties of semi-stationary bobbin to	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
2	Influence of welding parameters and post weld heat treatment on mecha	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
3	Forming control and the relationship between microstructure and mecha	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
4	Experimental investigation on the weldability of wood-plastic composit	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
5	Revealing microstructure evolution and mechanical properties of Al/Cu	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
6	Studying the effect of processing parameters on the microstructure, stre	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
7	Mechanical property and fracture characteristics of carbon fiber reinfor	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
8	Influence of rotation speed on the corrosion behavior of friction stir we	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
9	Embedded technology for enhanced modeling of Friction Stir Welding	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
10	Achieving ultra-fine grains in Ti-6Al-4V alloy welds through pre-weld	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
11	Enhancing microstructure and mechanical performance of aluminum co	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
12	Multimodal experimental and numerical evaluation of Residual Stress i	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
13	Effects of water cooling of friction stir welding of magnesium alloy stif	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
14	Influence of friction stir welding on the localised corrosion behaviour o	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
15	Analysis of mechanical properties and microstructure of single and dou	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
16	Wear mechanisms and failure analysis of a tool used in refill friction sti	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
17	Macro- and micro-galvanic corrosion of friction stir welding 6061-T6 A	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
18	Exploring the effect of friction stir welding parameters on the strength	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
19	Metallurgical characteristics and mechanical properties of dissimilar fri	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
20	3D modeling for effect of tool eccentricity on coupled thermal and mate	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
21	Mechanical and tribological behaviours of friction stir welding using va	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
22	Effect of corrosion environments on the mechanical properties of frictio	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
23	Study on the microstructure and properties of spray formed 7055-T76 a	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
24	Integrated Taguchi-PCA-GRA based multi objective optimization of tu	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
25	Electrical conductivity field analysis: A prognostic instrument for real t	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến

26	A novel method for simultaneously improving the strength and ductility	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
27	Analysis of variance and grey relational analysis application methods fo	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
28	Friction stir spot welding of recycled scrap thermoplastics	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
29	Elucidating the influence mechanisms of splat cooling on microstructur	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
30	Effect of process parameters on weld geometry and mechanical propert	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
31	Optimizing tool offset in static shoulder friction stir welding of Al6061	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
32	Interfacial reaction characteristics and mechanisms during dissimilar fri	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
33	The effect of pin diameter, tool penetration depth and plate arrangemen	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
34	Roles of anisotropy and mutual transformation of the phases β/γ in mul	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
35	Friction stir welding of constrained groove pressed Al1050 using Al2O	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
36	Microstructure and cryogenic mechanical properties of dissimilar frictio	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
37	Flange joining using friction stir welding and tungsten inert gas welding	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
38	Influence of post-weld explosive treatment on low cycle fatigue of AA7	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
39	Investigation on submerged friction stir welding of AZ31B magnesium	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
40	Multiphase-field analysis of the intermetallic compounds formation & e	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
41	Simultaneous improvement in strength and ductility of friction stir welc	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
42	In-situ formed amorphous phase in aluminum/steel friction stir welds: I	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
43	Friction stir spot welding of cold-rolled low carbon steel plates using T	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
44	Enhancing strength and plasticity in the nugget zone of friction stir welc	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
45	Influences of graphene nanoplatelet addition and pin lengths on the mic	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
46	Enhancing surface integrity in friction stir welding through deep rolling	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
47	Mechanical properties of base metal and heat-affected zone in friction-s	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
48	An attempt at friction-stir-welding of α-Mg/long-period stacking ordere	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
49	Fatigue crack growth rate and mechanical properties of one-step double	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
50	Effect of rotational speed and penetration depth on Al-Mg-Si welded T-	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
51	A novel slip rate model for determining the interfacial contact state in f	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
52	Optimization of mechanical and surface properties of friction stir welde	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
53	Effect of ultrasonic vibration on microstructures and mechanical proper	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
54	Friction stir welding of as-cast and pre-aged Al–Si–Zn–Mg–Fe alloy: M	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
55	Dissimilar friction stir welding and post-weld heat treatment of Ti-6Al-	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
56	Behavior of microstructure and mechanical properties in the stir zone o	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
57	Characterisation of force and torque with auxiliary heating during fricti	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
58	Effect of tools rotational speed on the mechanical properties of one-step	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
59	Effect of laser shock peening on stress corrosion cracking of TC4/2A14	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến

60	Feasibility of friction stir welding using a hemispherical tool tilted towa	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
61	Fatigue crack growth behavior in SS304-Al5083 dissimilar friction stir	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
62	Tensile and fatigue properties of friction stir AZ31B-H24 magnesium a	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
63	Numerical and experimental study of underwater friction stir welding o	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
64	Correlation of microstructure, texture, and mechanical properties of fric	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
65	Formation and influencing mechanism of the intermetallic compound ir	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
66	Improving joint performance of friction stir welded 2195-O Al–Li alloy	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
67	Characterization of friction stir welded Al-4Cu-Mg alloy / Al-16Si-4Cu	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
68	Corrosion behavior of AA2024/pure copper bimetal manufactured by fr	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
69	Effect of cube texture on local softening of friction stir welded joints fo	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
70	A study of concave shoulder angle on the mechanical properties and fra	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
71	Effects of different friction stir welding processes on residual stress and	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
72	Toward defect-less and minimized work-hardening loss implementation	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
73	Microstructure evolution and strengthening mechanism of friction stir v	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
74	Microstructural characterization and corrosion-resistance behavior of fr	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
75	A hybrid shoulder to achieve a significant improvement in tensile stren	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
76	Multi-scale modelling of the microstructure evolution during friction st	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
77	Varying rotational speeds and their effect on the mechanical properties	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
78	Phase-field simulation of dynamic recrystallization in friction stir weld	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
79	Effect of natural aging on the tensile properties and the toughness of fri	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
80	Effect of pin geometry, rotational speed, and dwell time of tool in dissi	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
81	Robotic friction stir welding in lightweight battery assembly of extrusio	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
82	Numerical investigation of the influence of friction stir welding parame	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
83	Achievement of high-quality joints and regulation of intermetallic comp	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
84	Research on AZ31 Mg alloy/22MnB5 steel pinless friction stir spot wel	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
85	Implications of prolonged sub-zero environmental conditioning and ten	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
86	Assessment of the energetic efficiency of friction stir welding/processin	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
87	The mechanical properties of dissimilar/similar polymer materials joine	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
88	Friction stir welding of carbon black reinforced high-density polyethyle	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
89	Multiple effects of forced cooling on joint quality in coolant-assisted fri	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
90	Elucidating the process mechanism in Mg-to-Al friction stir lap weldin	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
91	Evaluation of dissimilar 7075 aluminum/AISI 304 stainless steel joints	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
92	Local microstructure and strengthening mechanisms of double-sided fri	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
93	Microstructure, mechanical and fracture properties of friction stir welde	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến

94	Effect of exfoliation corrosion on the efficient hybrid joint of AA2024-	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
95	Open-source real-time monitoring system of temperature and force duri	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
96	Microstructure and texture characterisation of friction stir welded CoCr	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
97	Studying the mechanical properties of high-density polyethylene polym	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
98	High-Velocity Projectile Impact Behaviour of Friction Stir Welded AA	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
99	Double side friction stir welding effect on mechanical properties and co	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
100	Microstructural features and mechanical behavior of duplex stainless st	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
101	Mechanism of suppressing HAZ softening in friction stir welded marter	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
102	Quasi-in-situ characterization of microstructure evolution in friction sti	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
103	Revealing the acoustic effects on heat transfer and material flow in ultra	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
104	Microstructure evolution and mechanical properties of Al-Mg-Sc-Zr all	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
105	Effects of welding physical fields on the microstructure evolution durin	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
106	Strength and microstructure of friction stir welded additively manufactu	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
107	A novel seal-flow multi-vortex friction stir lap welding of metal to poly	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
108	Through-thickness heterogeneity in creep properties of friction stir welc	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
109	The effects of friction stir welding on microstructure and formability of	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
110	Revealing the mechanism of tool tilting on suppressing the formation o	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
111	Effect of tool rotational speed on microstructure and mechanical proper	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
112	Improved mechanical and electrical properties of copper-aluminum join	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
113	Strengthening mechanism and corrosion behavior of friction stir welded	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
114	Effects of different cooling conditions on microstructure and precipitati	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
115	Refill friction stir spot welding of AZ31 magnesium alloy sheets: metal	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
116	Welding of Two Dissimilar Polymers UHMWPE and PP, Using Frictio	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
117	Effect of tool tilt angle on microstructure, mechanical properties and fra	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
118	The microstructure and mechanical properties of single-pass and double	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
119	Experimental investigations on cryogenic friction-stir welding of simila	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
120	Improving the corrosion resistance of friction stir welding joint of 7050	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
121	The effect of pin thread on material flow and mechanical properties in f	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
122	Enhanced strength and ductility of rapid cooling friction stir welded ult	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
123	Investigating the role of different components of friction stir welding to	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
124	Interfacial intermetallic compound layer in friction stir welded Mg/Al j	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
125	Effect of tool tilt angle on mechanical resistance of AA6082/AA5083 f	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
126	Corrosion fatigue acoustic emission characteristics and evaluation of fr	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
127	Overcoming the strength-ductility trade-off in additive manufactured A	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến

128	Effect of welding speed on the microstructure and texture development	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
129	Galvanic corrosion of AZ31B joined to dual-phase steel with and witho	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
130	Microstructure and mechanical properties of aluminum-steel dissimilar	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
131	Effects of Al3(Sc1-xZrx) nano-particles on microstructure and mechani	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
132	Effect of retrogression and reaging (RRA) on pitting and stress corrosio	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
133	Mechanical strength and corrosion resistance of Al-additive friction stir	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
134	Heat generation, plastic deformation and residual stresses in friction sti	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
135	Microstructural formation and mechanical performance of friction stir c	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
136	Microstructure and mechanical performance of dissimilar friction stir sp	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
137	The precipitate evolution in friction stir welding of 2195-O Al–Li alloy	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
138	Simultaneous enhancement of strength and ductility in friction stir welc	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
139	Analysis and modeling of the strain distribution and evolution during a	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
140	Dislocation strain energy based modeling for ultrasonic effect on frictio	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
141	A comprehensive analysis and prediction of the effect of groove shape a	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
142	Effects of the microstructure on the fatigue fracture of friction stir lap w	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
143	An innovative joint interface design for reducing intermetallic compoun	Science Direct	Research article	Tải toàn văn/Đọc trực tuyến
144	A Review of Recent Developments in Friction Stir Welding for Various	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
145	Numerical and Experimental Analyses of Developed Friction Stir Spot	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
146	Modeling and Experimental Investigation of the Impact of the Hemisph	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
147	A Review of Recent Improvements, Developments, Influential Paramet	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
148	Optimization of Process Parameters in Under Water Friction Stir Welde	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
149	Research on friction stir welding technology of urban rail transit car bo	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
150	Experimental Methodology to Identify Optimal Friction Stir Welding P	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
151	Enhancing Mechanical Characteristics of 6061-T6 with 5083-H111 Alu	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
152	A Review on Friction Stir Welding of Copper: Tool Geometry, Process	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
153	Experimental and Simulation Investigation on Fatigue Performance of I	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
154	Characterisation of rotary friction welding process and mechanism of h	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
155	Investigation of Friction Stir Welding of Additively Manufactured Bioc	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
156	Improved Interface Morphology and Failure Load of Ultrasonic-Assiste	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
157	Mechanical Properties of the AlCu4Mg1 Alloy Joint Manufactured by U	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
158	Effect of Ultrasound on Microstructure and Properties of Aluminum–C	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
159	A study on the feasibility of friction stir welding in joining dissimilar m	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
160	Formation of the Interlock Morphology and Its Role in Refill Friction S	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
161	A study on friction stir welding with dissimilar aluminium alloys using	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến

162	Optimization and Analysis of Refill Friction Stir Spot Welding (RFSSV	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
163	Simulation of Friction Stir Welding of AZ31 Mg Alloys	ProQuest Central	Scholarly Journal	Tải toàn văn/Đọc trực tuyến
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