

Por. Č.	Typ článku	Autor	Názov článku	Rok registrácie
1	ADC	Bokůvka Otakar	Vysokocyklová a ultravysokocyklová únava koróziivzdorných ocelí AISI 316Ti	2011
2	ADC	Palček Peter	Zmena únavových charakteristík hlbokoťažných plechov nitrooxidáciou	2011
3	ADC	Nový František	Vplyv trieskového obrábania a tryskania povrchu balotinou na únavovú odolnosť hliníkovej zliatiny AW-6082-T6	2011
4	ADC	Hadzima Branislav	Vplyv tryskania na elektrochemické charakteristiky povrchu horčíkovej zliatiny AE21	2011
5	ADF	Vojsovičová Michaela	Rheological characteristics of thermoplastic polymers after degradation	2011
6	ADF	Brezinová Janette	Evaluation of the quality of the renovation layers applied by thermal spraying technology	2011
7	ADE	Stráský Josef	The effect of microstructure on fatigue performance of Ti-6Al-4V alloy after EDM surface treatment for application in orthopaedics	2011
8	AGJ	Špánik Pavol	Zariadenie na gigacyklové únavové skúšky materiálov	2011
9	AEC	Kunda Ján	Experimental access to investigation of tribocorrosive properties of mechanical parts surfaces	2011

10	ABC	Ďuriníková Emília	Effect of the temperature on mechanical properties of the recycled AlZn10Si8Mg cast alloy	2011
11	ABC	Kuchariková Lenka	Recycled aluminium alloy - improvement of its mechanical properties by structure changes	2011
12	FAI	---	Degradácia konštrukčných materiálov 2011	2011
13	AFG	Doležal P.	Optimization of heat treatment and its influence on corrosion behaviour of AZ61 magnesium alloy	2011
14	AFG	Škorík Viktor	Impact analysis of shot peening of aluminium alloy AW 6082 on the fatigue properties	2011
15	AFG	Bukovinová Lenka	Influence of production techniques on electrochemical properties of the Mg-3Al-1Zn alloy in body-fluid solution	2011

16	ADE	Vaško Milan	Structure analysis and fatigue life prediction of the large scale handling device	2010
17	AFC	Brandt Martin	Measurement and analysis of railway traction transformer using by SFRA method - part 2	2011
18	AFC	Palček Peter	The dependence of internal damping in alloy AW 2007 on the number of loading cycles	2011
19	AFC	Vojsovičová Michaela	Comparison of rheological properties of thermoplastic polymers after exposition in UV radiation and n-hexane solution	2011
20	AFC	Fajnor Pavol	The resistance of AISI 316TI stainless steel to pitting corrosion with various treated surface	2011
21	AFC	Nový František	Ultra long fatigue life of structural materials	2011
22	AFC	Tillová Eva	Properties of recycled AlZn10Si8 cast alloy after annealing	2011

23	AFC	Kuchariková Lenka	Evolution of the intermetallic phases in recycled AISi9Cu3 cast alloy during age-hardening	2011
24	AFC	Konečná Radomila	Surface conditions and the fatigue behavior of nodular cast iron	2011
25	AFC	Nový František	Effect of inclusions on very high cycle behaviour in a ferritic corrosion resisting steel	2011
26	AFC	Palček Peter	Internal friction in commercial aluminium alloy AW-2007	2011
27	ADE	Kuchariková Lenka	Optical and electron microscopy study of the mechanical properties improvement on recycled AISi9Cu3 cast alloy along the hardening	2011
28	ADC	Lukáš P.	Fatigue damage of ultrafine-grain copper in very-high cycle fatigue region	2011
29	ADE	Tillová Eva	Structural analysis of heat treated automotive cast alloy	2011

30	BCI	Konečná Radomila	Praktická metalografia	2010
31	AFD	Zatkalíková Viera	Corrosion resistance of variously treated AISI 304 stainless steel	2011
32	AFD	Vaško Alan	Use of quantitative metallography in the framework of structural analysis	2011
33	AFD	Ulewicz Robert	Nowe wymagania stawiane materiałom w konstrukcji naczeł samochodowych	2011
34	AFD	Tillová Eva	Microstructure and mechanical properties of heat treated (T4) AlSi12Cu1Fe cast alloy	2011
35	AFD	Porubčan Jakub	The change of internal damping of Al-Cu-Mg alloy in dependence on temperature	2011
36	AFD	Palček Peter	Teplotná degradácia rúrok kotla	2011
37	AFD	Nový František	Fracture resistance of welded damask steel	2011

38	AFD	Kuchariková Lenka	Behavior of Fe-rich intermetallic phases during heat treatment of hypoeutectic AlSi9Cu3 cast alloy	2011
39	AFD	Ďuriníková Emília	The laser treatment of recycled AlZn10Si8Mg cast alloy	2011
40	AFD	Dobrzański Leszek A.	Definition of magnesium alloy structure by quantity evaluation	2011
41	AFD	Blažek Dalibor	Evaluation of material degradation by internal damping	2011
42	AFD	Belan Juraj	Carbides and gamma prime phase size and its influence on Ni - base superalloy mechanical properties	2011
43	FAI	---	TRANSCOM 2011	2011
44	AFD	Vojsovičová Michaela	Evaluation of rheological properties of thermoplastic polymers after degradation	2011
45	AFD	Ulewicz Robert	Fatigue properties of S235J2 steel in the ultra-high-cycle area	2011

46	AFD	Trško Libor	Ultra-high cycle fatigue of high grade carbon steel	2011
47	AFD	Škorík Viktor	Electrochemical properties of heat influenced structures made of austenitic stainless steel	2011
48	AFD	Seewald Róbert	Measurement of surface temperature of polymerization reaction of bone cement with thermovision camera	2011
49	AFD	Porubčan Jakub	Amplitude dependence of internal damping in extruded aluminium alloy AW-2007	2011
50	AFD	Navrátilová Lucie	Influence of gigacycle fatigue on development of surface relief in UFG copper	2011
51	AFD	Mráziková Rastislava	Corrosion resistance of Ti6Al4V titanium alloy with electroerosive modified surface	2011
52	AFD	Kokavec Marián	Role of surface condition of fatigue behavior of nodular cast iron	2011

53	AFD	Kuchariková Lenka	Evolution of the mechanical properties in recycled AlSi9Cu3 cast alloy during age-hardening	2011
54	AFD	Fajnor Pavol	Electrochemical properties of the AISI 316Ti stainless steel in different redox potential environment	2011
55	AFD	Ďuriníková Emília	Influence of annealing on hardness of the recycled AlZn10Si8Mg cast alloy	2011
56	AFD	Bukovina Michal	Effect of phosphate conversion coating on electrochemical properties of AE21 magnesium alloy	2011
57	AFD	Bubenko Lukáš	Fatigue crack propagation properties of ADI 1050 and IDI	2011
58	ADF	Tillová Eva	Characterization of phases in secondary AlZn10Si8Mg cast alloy	2011
59	ADE	Benák M.	Study of explosion welding of Mg alloy with aluminium	2010

60	ADE	Nový František	Influence of steels strength on the ultra-high cycle fatigue lifetime	2011
61	ADE	Fajnor Pavol	Pitting corrosion resistance of AISi 316Ti stainless steel with various treated surface	2011
62	ADE	Porubčan Jakub	Influence of temperature on damping properties in aluminium alloy	2011
63	ADE	Kuchariková Lenka	Cu-rich intermetallic phases in recycled AISi9Cu3 cast alloy - a comparison between aging behavior in T4 and T6 treatments	2011
64	ADE	Ulewicz Robert	Influence of chosen electrolytic coatings on fatigues properties in ultra high-cycle area	2011
65	ADF	Ulewicz Robert	The role of objective function in engineering design	2010

66	ADF	Hadzima Branislav	Shot peening influence on corrosion resistance of AE21 magnesium alloy	2010
67	ADF	Liptáková Tatiana	Evaluation of the flow accelerated corrosion of copper pipes	2010
68	AFD	Liptáková Tatiana	Vplyv zrnitosti uhlíkových obsypov na podmienky katódovej ochrany	2011
69	AFD	Bokůvka Otakar	Fatigue resistance of spring steel at high-frequency cyclic loading	2011
70	ABC	Trojanová Zuzanka	Magnesium alloys based composites	2011
71	ADE	Palček Peter	Influence of oxynitride layer on the deep-drawing sheets fatigue properties	2011
72	ADE	Nový František	Influence of shot peening on the EN-AW-6082 Al alloy fatigue resistance	2011
73	ADE	Bokůvka Otakar	Fatigue properties of structural steel after laser treatment	2011

74	AFD	Zelem Ján	Môžu videokonferencie pomôcť čitateľskej gramotnosti?	2011
75	ADE	Kunz Ludvík	Combined cycle fatigue of Ni-base superalloy	2011
76	ADE	Konečná Radomila	Shrinkage pores and fatigue behavior of cast Al-Si alloys	2011
77	AFD	Vojsovičová Michaela	Hodnotenie reologických vlastností termoplastov po degradácii	2011
78	AFD	Škorík Viktor	Vplyv tryskania na únavové vlastnosti hliníkovej zliatiny AW-6082	2011
79	AFD	Porubčan Jakub	Amplitúdové závislosti vnútorného tlmenia zliatiny EN AW - 2007	2011
80	AFD	Mráziková Rastislava	Korózna odolnosť povrchovo upravených Ti-zliatin na endoprotézy	2011
81	AFD	Miková Katarína	Vplyv technológie prípravy kostných cementov na ich pórovitosť	2011
82	AFD	Kuchariková Lenka	Mechanické vlastnosti precipitačne vytvrdenej sekundárnej zliatiny AlSi9Cu3	2011

83	AFD	Fajnor Pavol	Stanovenie doby expozície hliníkových vodičov exponovaných v atmosfére	2011
84	AFD	Řuriníková Emília	Vplyv teploty na štruktúru a rázovú húževnatosť zliatiny AlZn10Si8Mg	2011
85	AFD	Bukovina Michal	Zvyšovanie koróznej odolnosti horčíkovej zliatiny AE21 tvorbou konverznej vrstvy	2011
86	AFD	Blažek Dalibor	Meranie mechanických vlastností kovov rezonančnou metódou	2011
87	AFD	Szota Michał	The determination of current properties of high-temperature ceramic superconductors	2011
88	AFD	Pietrusiewicz Paweł	Structure and magnetic properties of amorphous alloys	2011
89	AFD	Nabiałek Marcin	Method of production classical and bulk amorphous Fe73Y4Nb5B18 alloy	2011

90	AFD	Szota Michał	The research of structure of high-temperature ceramics superconductors	2011
91	AFD	Bojanowicz Piotr	The shot-peening influence on the fatigue properties in ultra high-cycle area	2011
92	AFD	Bubenko Lukáš	Fatigue crack propagation within the microstructure of heat treated ductile cast irons	2011
93	AFD	Kokavec Marián	Surface condition and fatigue life of nodular cast iron	2011
94	AFD	Seewald Róbert	Tlak pôsobiaci na kosť počas aplikácie kostného cementu do kosti	2011