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84.	D. Mujagić, A. Imamović, M. Hadžalić – "Properties of austenite stainless steel microalloyed with tellurium and zirconium", December 2021, ISSN: 2320-5407, Journal of Sustainable Technologies and Materials (JST&M) JST&M 1(2021), 20 – 29 DOI: 10.57131/jstm.2021.13 9(10), 695-700
85.	Mirsada Oruč, Aida Imamović, Dragana Agić : NOVI STANDARD ZA ZAŠTITNU ODJEĆU ZA VATROGASCE / NEW STANDARD FOR PROTECTIVE CLOTHING FOR FIREFIGHTERS, 2022 Stručni bilten-IPI broj 57, 56-60, ISSN 1840-3409 p.56-60
86.	Aida Imamović Sead Softić Omer Kablar . Mirsada Oruč: ZNAČAJ AUDITA U SISTEMU UPRAVLJANJA ZAŠTITOM I SIGURNOSTI NA RADU, Zaštita i sigurnost, godina 2022., broj 1, p.14-21, ISSN 2744-2403
87.	Aida Imamović Sead Softić Omer Kablar . Mirsada Oruč: ZNAČAJ PROCEDURE ISTRAŽIVANJA INCIDENTA ZA SIGURNIJI RAD NA RIZIČNIM RADNIM MJESTIMA, Zaštita i sigurnost, godina 2022., broj 1, p. 22-31, ISSN 2744-2403
88.	Šaban Žuna, Zijad Alibašić, Aida Imamović : INVESTIGATION OF PROPERTIES OF TUNGSTEN HEAVY ALLOYS FOR SPECIAL PURPOSES, 8th International Conference: „NEW TECHNOLOGIES, DEVELOPMENT AND APPLICATION“ NT-2022 ,June 23-25. 2022 Sarajevo, Bosnia and Herzegovina (p.283-289)
89.	Šaban Žuna, Aida Imamović, Ensar Mulaosmanović, Zijad Alibašić, Suljo Mešić: ODRŽAVANJE KVALITETA VOLFRAMOVIH LEGURA ZA POSEBNE NAMJENE (eng. MAINTAINING THE QUALITY OF TUNGSTEN ALLOYS FOR SPECIAL PURPOSES); 7. Međunarodna konferencija „ODRŽAVANJE 2022“ -„MAINTENANCE 2022“ Budva, Crna gora; 12.09. - 16.09.2022. godine; Zborniku radova – Proceeding Maintance 2022 – ISSN1986-583X,. 43-50.
90.	Aida Imamović, Šaban Žuna, Ensar Mulaosmanović, Zijad Alibašić Borut Kosec: „Comparison of mechanical and microstructure properties of tungsten alloys for special purposes“, RSEM 2022 Sarajevo: Prvi regionalni simpozij o energetskim materijalima i njihovoj primjeni, Sarajevo, okt.2022
91.	Zlatan Ištvanić, Amra Talić-Čikmiš, Aida Imamović: Application of 3D Scanning for deformation measurement for Incremental Sheet Metal Forming cilindrical Vessel, International conference MTSM 2022. “Mechanical Technologies and Structural Materials”, Split, 22-23.09.2022.
92.	Nedim Hurem, Amra Talić-Čikmiš, Aida Imamović: Experimental Analysis of Distribution of Bending Stresses in Layers of Wood with Numerical Verification, International conference MTSM 2022. “Mechanical Technologies and Structural Materials, Split, 22-23.09.2022.
93.	Raza Sunulahpašić, Aida Imamović, Hasan Avdušinović INTENSIFICATION OF LOW CARBON STEEL DESULPHURISATION IN THE INDUCTION FURNACE, JST&M Journal of Sustainable Technology and Materials, vol 2 Nr 3, dec.2022., p.17-23

94.	Derviš Mujagić, Aida Mahmutović, Mustafa Hadžalić, Amna Karić: THE INFLUENCE OF ZIRCONIUM ON THE IMPACT TOUGHNESS OF X8CrNiS18-9 STEEL JST&M Journal of Sustainable Technology and Materials, vol 2 Nr 3, dec.2022., p.24-30
95.	Mirsada Oruč, Gorazd Kosec, Aida Imamović, Raza Sunulahpašić: EFFECT OF MICROSTRUCTURE AND GRAIN SIZE OF S690QL STEEL ON IMPACT FRACTURE AT LOW TEMPERATURE , 14th Scientific/Research Symposium with International Participation „METALLIC AND NONMETALLIC MATERIALS“, B&H, 27th-28th April 2023, pp 139-145
96.	Aida Imamović Šaban Žuna, Mirsada Oruč, Esad Hadžibulić: HYDRATION PROCESS OF TITANIUM ALLOY FOR BIOMEDICAL PURPOSES, 14th Scientific/Research Symposium with International Participation „METALLIC AND NONMETALLIC MATERIALS“, B&H, 27th-28th April 2023 ., pp 58-65
97.	Derviš Mujagić, Aida Mahmutović, Mustafa Hadžalić, : PROPERTIES OF AUSTENITE STAINLESS STEEL X8CrNiS18-9 MICROALLOYED WITH TELLURIUM 14th Scientific/Research Symposium with International Participation „METALLIC AND NONMETALLIC MATERIALS“, B&H, 27th-28th April 2023, pp 111-116
98.	Mirsada Oruč, Milenko Rimac, Aida Imamović, Almaida Gigović-Gekić CHARACTERISTICS OF THE MICROSTRUCTURE AND GRAIN SIZE OF S690QL STEEL IN THE QUENCHED AND TEMPERED STATE 14th Scientific/Research Symposium with International Participation „METALLIC AND NONMETALLIC MATERIALS“, B&H, 27th-28th April 2023 , pp 105-111
99.	Aida Imamović, Mirsada Oruč, Milenko Rimac, Raza Sunulahpašić, Gorazd Kosec : KVALITET VRUČE VALJANIH PLOČA OD LEGIRANIH VATROOTPORNIH ČELIKA 10CrMo9-10 I X11CrMo5, 13th Research/Expert Conference with International Participations ”QUALITY 2023“, Neum, B&H, June 19 –21, 2023
100.	A. Haveric, I. Durmisevic, Z. Ademovic, S. Zuna, T. Cetkovic Pecar, M. Hadzic Omanovic, F. Sipovic, A. Imamovic, S. Haveric: Ti-alloy (TiAl6Nb7) metal powder toxicity in human embryonic kidney (HEK-293T) cell line, EUROTOX 2023, Ljubljana 10.-13. sept.2023. Volume 384S1, September 2023 , ISSN 0378-4274, 384S1 S1-S341 (2023), Toxicology Letters, Official Journal of EUROTOX
101.	Aida Imamović, Borut Kosec, Aleš Nagode, Mirsada Oruč, Šaban Žuna, Zijad Alibašić, Ensar Mulaosmanović: SEM analysis of hydrated titanium alloy TiAl6Nb7 produced using HDH technology**,** 12. MTSM 2023-Mechanical Technologies and Structural Materials, Split, 21-22.09.2023.
102.	Amra Talić-Čikmiš, Aida Imamović: TODAY’S CHALLENGES IN TERMS OF THE APPLICATION OF 3D TECHNOLOGIES FOR STIMULATION AND DEVELOPMENT OF ENTREPRENEURIAL AND INNOVATIVE IDEAS AMONG STUDENTS,, 6TH INTERNATIONAL SCIENTIFIC AND PROFESSIONAL CONFERENCE ŠIBENIK, IThe Challenges of Today, Proceedings 452 -460, SBN 978-953-7566-53-1
103.	Aida Imamović, Mirsada Oruč, Omer Kablar, Dragana Agić: Požari na plinovodima i plinskim sistemima, “Zaštita i sigurnost”, broj 2. dec. 2023. godinu

UNIVERZITETSKI UDŽBENICI

UNIVERSITY BOOKS

1. A. Mahmutović: KONTINUIRANO LIVENJE ČELIKA Fakultet za metalurgiju i materijale Univerziteta u Zenici, 2010. - ISBN 978-9958-785-16-0, COBISS.BH-ID 17921030

2. S.Muhamedagić, A. Mahmutović: METALURŠKI KOKS – PROIZVODNJA I PRIMJENA, Fakultet za metalurgiju i materijale Univerziteta u Zenici, 2012. - ISBN 978-9958-785-27-6, COBISS.BH-ID 1956318

3. A. Mahmutović, Š. Žuna: SEKUNDARNA METALURGIJA, Fakultet za metalurgiju i materijale Univerziteta u Zenici, 2016. - ISBN 978-9958-785-36-8, COBISS.BH-ID 22866438

4. Aida Imamović, Dragana Agić, Mirsada Oruč: UREĐIVANJE I NADZOR ZAŠTITE OD POŽARA INSTITUT ZA PRIVREDNI INŽENJERING d.o.o. Zenica, ISBN 978-9958-886-26-3 COBISS.BH-ID 493350461 (2021), 27-30 , DOI: 10.24867/ATM-2021-1-005, ISSN: 2620-0325 (print), ISSN: 2620-147X (online)

PROJEKTI

PROJECTS

Red br No	Naziv projekta Project name	Voditelj projekta Project manager	Članovi tima Team members	Godina Year
1	SIMULACIJA HDH TEHNOLOGIJE I KARAKTERIZACIJA TITAN PRAHA ZA MEDICINSKE SVRHE **HYDROGENATION PROCESS OF TITANIUM ALLOY FOR BIOMEDICAL PURPOSES**	Prof.dr Aida Imamović	Sušić Lamija, Gigović-Gekić Almaida, Oruč Mirsada,Alibašić Zijad, Žuna Šaban	2022./ 2021
2	Osvajanje proizvodnje i karakterizacija kamene vune na bazi supstitucije prirodnih sirovina sa visokopećnom troskom Research of production and characterization of stone wool based on substitution of natural raw materials with blast furnace slag	Aida Imamović	Aida Imamović (Mahmutović), Edin Terzić, Derviš Mujagić, Raif Seferović, Amer Zahirović, Suvad Kesić, Sulejman Muhamedagić, Marina Jovanović, Adnan Mujkanović, Dejana Kasapović	2018/2017
3.	Karakterizacija uključaka modifikovanih inox čelika (austenitnog nehrđajućeg čelika X8CrNiS18-9)sa SEM/EDS analizom Characterization of inclusions of modified stainless steel (austenitic stainless steel X8CrNiS18-9) with SEM/EDS analysis	Prof.dr. Aida Mahmutović	Prof.dr. Aida Mahmutović, prof.dr. Borut Kosec, v.asist. mr. Derviš Mujagić , asis. Amna Karić	2015
4.	INTERNACIONALNI PROJEKAT SARADNJE I USAVRŠAVANJA U	Prof.dr. Aida Mahmutović	Prof.dr. Aida Mahmutović, v.asist. mr.	2014

	PODRUČJU TEHNIČKIH NAUKA NA MONTAN-UNIVERZITETU LEOBEN U AUSTRIJI INTERNATIONAL PROJECT OF COOPERATION AND ADVANCEMENT IN THE FIELD OF TECHNICAL SCIENCES AT MONTAN-UNIVERSITY LEOBEN IN AUSTRIA		Šaban Žuna, 6 studenata	
5.	OPTIMIZACIJA PROCESA PROIZVODNJE ODLIVAKA ZA AUTO INDUSTRIJU- JAČANJE KONKURENTNOSTI BiH U PROIZVODNJI AUTO DIJELOVA OPTIMIZATION OF THE PRODUCTION PROCESS OF CASTINGS FOR THE AUTO INDUSTRY - STRENGTHENING THE COMPETITIVENESS OF BiH IN THE PRODUCTION OF AUTO PARTS	Prof.dr. Aida Mahmutović	Aida Mahmutović/Amel Čatić	2010

OSTALI PROJEKTI

OTHER PROJECTS

- Projekt „Untersuchung des Aufschmelzverhaltens von Fuelldraehten“, Industrijski projekat francuske firme Affival, IEHK institut RWTH Univerzitet Aachen (2000.)
- Projekat: “Industrieforschungsprojekt „Stahlentschwefelung“, IEHK institutu RWTH Univerzitet Aachen (2000/2002.)
- Projekat “ Industriestudie ueber Spurenelemente in TRIP - Staehlen“,IEHK institutu RWTH Univerzitet Aachen (2004.)
- Međunarodni projekat„BiH Sur-Place - projekt“ (1999-2004.)
- Projekat “Plan aktivnosti sa mjerama i rokovima za postupno smanjenje emisija, odnosno zagađenja i za usaglašavanje sa najboljom raspoloživom tehnikom za department Visoka peć Mittal Steel Zenica”,Zenica, (2007.)
- Projekat “Plan aktivnosti sa mjerama i rokovima za postupno smanjenje emisija, odnosno zagađenja i za usaglašavanje sa najboljom raspoloživom tehnikom za department Aglomeracija Mittal Steel Zenica”,Zenica, (2007.)
- Projekat “Optimizacija procesa proizvodnje odlivaka za auto industriju – jačanje konkurentnosti BiH u proizvodnji auto dijelova”, (2007)

Mentorstva DIPL / MAG / DR RADOVI

Mentorships DIPL / MAG / DR THESES

Red br No	Kandidat Candidate	Naziv rada Title of work	Godina Year
1.	Selma Husić	MJERE ZA SMANJENJE EMISIJE POLUTANATA U ZRAK U TEHNOLOGIJI PROIZVODNJE KOKSA	2023
2.	Ajla Pivić	EKOLOŠKI ASPEKTI ZAGAĐENJA ZEMLJIŠTA TEŠKIM METALIMA U OKRUŽENJU GRADA ZENICE	2023
3.	Suljo Mešić	ZNAČAJ I KARAKTERISTIKE ČELIKA POBOLJŠANE OTPORNOSTI NA TROŠENJE HABANJEM SIGNIFICANCE AND CHARACTERISTICS OF STEEL WITH IMPROVED RESISTANCE TO WEAR	2023
4.	Stabančić Alija	ZNAČAJ I UPOREDBA KVALITETA VOLFRAMOVIH LEGURA ZA SPECIJALNE NAMJENE SIGNIFICANCE AND COMPARISON OF THE QUALITY OF TUNGSTEN ALLOYS FOR SPECIAL PURPOSES	2022
5.	Esma Garanović	PROČIŠĆAVANJE TEHNOLOŠKE OTPADNE VODE IZ POGONA KOKSARE POMOĆU KOKSNOG FILTERA PURIFICATION OF TECHNOLOICAL WASTE WATER FROM THE COKE PLANT USING A COKE FILTER	2022
6.	GRAŠAREVIĆ ELVIS	PROIZVODNJA I POBOLJŠANJE KVALITETA VALJANE ŽICE OD VISOKOUGLJENIČNOG ČELIKA SA KONTROLOM VRIJEDNOSTI C-EKVIVALENTA PRODUCTION AND QUALITY IMPROVEMENT OF HIGH CARBON STEEL ROLLED WIRE WITH CONTROL OF C-EQUIVALENT VALUE	2022
7.	Anida Arnaut	KVALITET PREČIŠĆENE OTPADNE VODE U TEHNOLOGIJI PROIZVODNJE KOKSA QUALITY OF TREATED WASTEWATER IN COKE PRODUCTION TECHNOLOGY	2022
8.	ILMA PODOJAK	SMANJENJE EMISIJE PRAŠINE PRIMJENOM HIBRIDNOG FILTERA NA POSTROJENJU ZA PROIZVODNJU SINTERA REDUCTION OF DUST EMISSION BY USING A HYBRID FILTER ON SINTER PRODUCTION PLANT	2021
9.	MUSLIMA ĐULAN	UTICAJ EFIKASNOSTI KONTROLE PROCESA SINTEROVANJA NA PRODUKTIVNOST I KVALITET SINTERA	2021

		THE INFLUENCE OF THE EFFICIENCY OF SINTERING CONTROL PROCESS ON PRODUCTIVITY AND SINTER QUALITY	
10.	PAŠALIĆ MEDIHA	TEHNOLOGIJA PRIKUPLJANJA I PRERADE BEZOPASNOG METALNOG OTPADA TECHNOLOGY OF COLLECTION AND PROCESSING OF NON-HAZARDOUS METAL WASTE	2021
11.	PATKOVIĆ SALIH	PREDNOSTI UVOĐENJA TEHNOLOGIJE ZAŠTITE LIVNOG MLAZA NA KVALITET UGLJENIČNOG ČELIKA ADVANTAGES OF THE INTRODUCING CAST STREAM PROTECTION TECHNOLOGY ON THE QUALITY OF CARBON STEEL	2021
12.	SILAJDŽIĆ AMELA	PROIZVODNJA I SVOJSTVA NEHRĐAJUĆEG ČELIKA LEGIRANOG S TELUROM PRODUCTION AND PROPERTIES OF STAINLESS STEEL ALLOYED WITH TELLURUM	2021
13.	Almedini Podojak	"POBOLJŠANJE TRETMANA SEKUNDARNE METALURGIJE U PROIZVODNJI UGLJENIČNIH ČELIKA PRIMJENOM TEHNOLOGIJE ZATVORENOG LIVENJA"	2020
14.	MUJIĆ (Esad) ERNAD	PROIZVODNJA I PLASTIČNA PRERADA SREDNJEUGLJENIČNIH I VISOKOUGLJENIČNIH ČELIKA U TOPLOVALJANU ŽICU	2020
15.	Selvedina Fazlić	VRSTE I PRIMJENA METALURŠKIH TROSKI IZ PROIZVODNJE GVOŽĐA I ČELIKA TYPES AND APPLICATION OF METALLURGICAL SLAGS FROM IRON AND STEEL PRODUCTION	2020
16.	ADNA PULJIĆ	PROIZVODNJA NISKOUGLJENIČNOG ČELIKA SAE 1006 SA I BEZ DODATKA BORA PRODUCTION OF LOW-CARBON STEEL SAE 1006 WITH AND WITHOUT BORON ADDITION	2019
17.	ALMA PULJIĆ	ČELIČANSKO I VALJAONIČKO TRETIRANJE KONTI GREDICA SAE 1006 KVALITETA ČELIKA SA I BEZ DODATKA BORA	2019
18.	TELALOVIĆ (Salko) MAID	POBOLJŠANJE EFIKASNOSTI RADA KOTLA UTILIZATORA U ENERGETSKOM KOMPLEKSU ČELIČANE ŽELJEZARE ZENICA	2018

19.	DR Derviš Mujagić	DOPRINOS ISTRAŽIVANJU UTICAJA MIKROLEGIRANJA SA BOROM, CIRKONIJEM I TELUROM NA OSOBINE AUSTENITNOG NEHRĐAJUĆEG ČELIKA SA DODATKOM SUMPORA X8CrNiS18-9“.	2017
20.	DR Šabana Žune	„DOPRINOS ISTRAŽIVANJU UTICAJA VARIRANJA HEMIJSKOG SASTAVA KONTI LIVENIH GREDICA IZ KONSTRUKCIONIH ČELIKA I ČELIKA ZA VUČENJE ŽICE NA KVALITET TOPLOVALJANE I VUČENE ŽICE“	2016
21.	PAŠIĆ (Mesud) ADNAN	PROIZVODNJA NEHRĐAJUĆEG ČELIKA X8CrNiS18-9 U VAKUUMSKOJ INDUKCIJSKOJ PEĆI	2016
22.	SULJIĆ ARMIN	„MJERE ZA POBOLJŠANJE ČISTOĆE ČELIKA I REŽIMA LIVENJA NA PRIMJERU MEĐUKAZANA U ŽELJEZARI ZENICA“	2015
23.	Edin Bašić	„POBOLJŠANJE TRETMANA SEKUNDARNE METALURGIJE U PROIZVODNJI UGLJENIČNIH ČELIKA U ARCELOR MITTAL ZENICA“	2014
24.	Nedžad Arnaut	ZNAČAJ POSTUPKA VAKUUMIRANJA U PROIZVODNJI OTKOVAKA U ŽELJEZARI ZENICA	2014
25.	Šaban Žuna	KVANTIFIKACIJA I UTICAJ GRAŠAKA NA KVALITET I MATERIJALNI IZVADAK U PRERADI KONTI LIVENIH GREDICA	2011
26.	Omer Kablar	„Poboljšanje tretmana sekundarne metalurgije u proizvodnji konstrukcionih čelika u Arcelor Mittal Zenica“	2011
27.	Sinanović Adis	TEHNOLOGIJA LIVENJA I PRERADE NISKOUGLJENIČNIH KONTI GREDICA S OSVRTOM NA KVALITET TOPLOVALJANE ŽICE	2010
28.	Zlatko Juričević	„TEHNOLOGIJA PROIZVODNJE GREDICA IZ NISKOUGLJENIČNOG ČELIKA U ARCELOR MITTAL-U ZENICA“	2010