

**Prof.ass.dr.Ajka Aljilji****Scientific publications:****Leading international magazine m 21:**

<i>Title of paper</i>	<i>Journal name</i>	<i>Year / Volume/Page</i>
<i>Exsperimental investigation and Thermodynamic calculation of the Cu-In-Sb phase diagram.</i>	<i>Calphad 6.</i>	<i>Vol. 33, Issue 1, March 2009, Pages 221–22</i> <a href="https://www.journals.elsevier.com/calphad">https://www.journals.elsevier.com/calphad</a>
<i>Phase equilibria and thermodynamics of the Bi–Cu–In ternary system.</i>	<i>Thermochimica Acta.</i>	<i>Vol.1,2010 498(1)11-15 ISSN: 0040-6031.</i> <a href="https://scindeks-clanci.ceon.rs/data/.../1821-44871002098G.pdf">ttps://scindeks-clanci.ceon.rs/data/.../1821-44871002098G.pdf</a> <a href="http://www.doiserbia.nb.rs/img/doi/1450.../1450-71880738021G.pdf">www.doiserbia.nb.rs/img/doi/1450.../1450-71880738021G.pdf</a>

<i>Mechanical and Electrical Properties of Alloys and Isothermal Section of Ternary Cu-In-Sb System at 673 KHigh Temp. Cu-In-Sb System at 673 KHigh Temp</i>	<i>Journal of Engineering Studies and Res., Lang. Eng., Dat.: Directory of Open Access Journal.</i>	<i>Vol.17 (2010) No. 3,pp.131-136</i>  <b>Published Online:</b> 2011-04-19   <b>DOI:</b> <a href="https://doi.org/10.1515/htmp.2011.019">https://doi.org/10.1515/htmp.2011.019</a>
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**Leading international magazine m 23:**

<i>Mechanica and electrical properties of ternary Cu-In-Sb System at 400.</i>	<i>Journal of Engineering Studies and Res., Lang. Eng., Dat.: Direc. of Open Access Journal.</i>	<i>Vol. 17, (2011) No.4., pp.65-72</i> <i>pubs.ub.ro., <b>SCSCC6</b></i>
<i>Influence of protective characteristics of packaging material on packed dried fruits,</i>	<i>Acta Periodica Technologica.</i>	<i>Vol. 38, str. 21- 28, Language: English, Database: Directory of Open Access Journals UDK: 621.798.188.:664.854, ISSN 1450-7188. <a href="http://scindeks-clanci.ceon.rs">scindeks-clanci.ceon.rs</a></i>

**Papers published in national magazines:**

<i>Influence of protective characteristics of packaging materials on packed dried fruits</i>	<i>2nd international congress on bioprocesses in food industries, Patras, Greece.</i>	<i>Vol. 11,38, 101-107 (2007)</i> <a href="http://doiserbia.nb.rs">doiserbia.nb.rs</a>
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<i>Influence of protective characteristics of packaging materials to packaging of dried fruit.</i>	<i>Periodics, a magazine for Education, Science and culture.</i>	Vol.10.2006, ,br.2.str. 218-256 <a href="http://scindeks-clanci.ceon.rs">scindeks-clanci.ceon.rs</a>	
<i>The effect of the protective properties of packaging materials on the quality changes of packaged apple.</i>	<i>Journal of processing and energy in agriculture.</i>	Vol.11,br.3(2007) 11; 3 p.112-115. <a href="http://scindeks-clanci.ceon.rs">scindeks-clanci.ceon.rs</a>	
<i>Biochemical change off packed dried apples</i>	<i>Annals of nutrition and metabolism.</i>	Vol.51br.,str134-135. <a href="http://scindeks.ceon.rs">scindeks.ceon.rs</a>	
<i>Experimental research and thermodynamic calculation of Bi-In-Cu phase diagram.</i>	<i>IV Symposium on thermodynamics and phase diagrams, Committee of Thermodynamics and phase diagrams of Serbia and Montenegro, Zajecar.</i>	2009.ISBN 978 86 8098 71 2  <a href="https://metall-mater-eng.com/index.php/home/article/download/322/256/">https://metall-mater-eng.com/index.php/home/article/download/322/256/</a>	
<i>Experimental tests and thermodynamic calculation of Bi-Sb-Zn system equilibrium phase.</i>	<i>Metallic and non-metallic materials MNM 2008, Zenica., Bosnia and Herzegovina.</i>	(2008)	ISSN: 2334-8836 (Štampano izdanje) UDK: 622 ISSN: 2406-1395 (Online <a href="https://ejatlas.org/.../arcelor-mittal-steel-production-factory-zenica-bosnia-and-herzogo...">https://ejatlas.org/.../arcelor-mittal-steel-production-factory-zenica-bosnia-and-herzogo...</a> EBSCO <a href="http://www.mtf.unze.e">http://www.mtf.unze.e</a>
<i>Experimental tests and thermodynamic calculation of Pb-In-Sb ternary system.</i>	<i>Metal and non-metal material MNM 2008 Zenica .,Bosnia and Herzegovina.</i>	(2008)	Book of Abstracts, pp. 63,Proceedingspp.141-146. (ISBN 978-9958-785-10-8).  <a href="https://ejatlas.org/.../arcelor-mittal-steel-production-factory-zenica-bosnia-and-herzogo...">https://ejatlas.org/.../arcelor-mittal-steel-production-factory-zenica-bosnia-and-herzogo...</a> EBSCO <a href="http://www.mtf.unze.e">http://www.mtf.unze.e</a>
<i>Characterization of Bi-Cu-In system.</i>	<i>Proceedings.</i>	(2009)	Book of Abstracts, pp. 64,Proceedings(Ed. F.Begovac),Pp.122-125 EBSCO <a href="http://www.mtf.unze.e">http://www.mtf.unze.e</a>

<i>The microstructure, mechanical and electrical properties of ternary alloys Cu-Bi-In system.</i>	<i>8<sup>th</sup> Scientific/Research Symposium with International Participation-MNM, Zenica.</i>	(2010)	<i>COBISS.BH-ID 18016774 /Electronic Editi85-90 EBSCO</i> <a href="http://www.mtf.unze">http://www.mtf.unze</a> .
<i>The microstructure, mechanical and electrical properties of ternary alloys Cu-Bi-In sistemana 400C.</i>	<i>8<sup>th</sup> Scientific/Research Symposium with International Participation-MNM, Zenica.</i>	(2010)	<i>COBISS.BH-ID 18016774 Electronic Edition. EBSCO</i> <a href="http://www.mtf.unze">http://www.mtf.unze</a> .
<i>Protecting the maintenance and development of optimum quality packaging dried fruit.</i>	<i>X scientific conference with international participation metallic and nonmetallic. materials,Zenica ,BIH</i>	(2014)	<i>ISBN 978-9958-785-18-4 COBISS.BH-ID 18016774 /Electronic EBSCO</i> <a href="http://www.mtf.unze">http://www.mtf.unze</a> .
<i>Hardness and isothermal sections of ternary Cu–In–Sb system at 400 OC.</i>	<i>The 46th International October Conference on Mining and Metallurgy.</i>	(2014)	<i>ISBN 978-9958-785-18-4 COBISS.BH-ID 18016774 /Electronic</i> <a href="https://mineriaurbana.org/.../46th-international-october-conference-...">https://mineriaurbana.org/.../46th-international-october-conference-...</a>
<i>Protecting the maintenance and development of optimum quality packaged dried fruit.</i>	<i>X Scientific Symposium with international participation in the Non-Metallic Materials - MNM14, Bugojno 2014.</i>		<i>Book of Abstracts with an electronic edition of Proceedings str.319-324. (ISB 78-9958-785-29-0; COBISS.BH-ID 21200646)</i> <a href="http://www.mtf.unze.ba">www.mtf.unze.ba</a>
<i>The methodological approach to the processing of mechanical and electrical properties ternary system Bi-In-Cu, Cu-In-Sb</i>	<i>49th International October Conference - IRM Bor2017.</i>		<i>Book of Abstracts with an electronic edition of Proceedings str166-169 ISBN978-86-6305-066-2 COBISS.SR-ID246349324.</i> <i>Source.,DOAJ,EBSCO</i> <i>www.tib.eu.,www.academia.edu..</i> <a href="https://ioc.irmbor.co.rs">https://ioc.irmbor.co.rs</a>

<i>And applying the justification isotherma system in teaching</i>	<i>Journal of professional sciences</i>	<i>MBD march 2017, 6 (2): 80 – 84</i> @research article { mbd488011, journal = { <i>Mesleki Bilimler Dergisi (MBD)</i> }, issn = {2146-7420}, year = {2017}, volume = {6}, pages = {80 - 84}, doi = {}}, title = { <i>AND APPLYING THE JUSTIFICATION ISOTHERMAL SYSTEM IN TEACHING CHEMISTRY</i> }, dergipark.gov.tr
<i>AW value and its justification in teaching chemistry</i>	<i>JOURNAL OF EUROPEAN ACADEMIC</i>	<i>Volume 3/ March 2017 DRJI Value: 5.9 (B+) ISSN 1186-4822</i> <i>(Impact factor 2.415 / ISSN: 1387-3821).www.jear-eu.com</i>
<i>Analysis of thickness of ecological material, orientated polypropylene for the packaging of dried fruit</i>	<i>12th Scientific/Research Symposium with International Participation „METALLIC AND NONMETALLIC MATERIALS“ B&amp;H</i>	<i>ISSN 2566-4344 /Electronic Edition 19th-20th April 2018</i> <i>EBSCO</i> <a href="http://www.mtf.unze.ba/images/Dokumenti/MNM/Zbornik%20radova-MNM%202018-c.pdf">http://www.mtf.unze.ba/images/Dokumenti/MNM/Zbornik%20radova-MNM%202018-c.pdf</a> .
<i>Hardness of the solder alloy Cu-In-Sb in dependence of the molar ratio of the components</i>	<i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina:</i>	<i>ISSN: 2232-7266 Faculty of Science Sarajevo. December, 2018 Cited by EBSCO Host.</i> <a href="http://www.pmf.unsa.ba/hemija/glasnik.Citiran%20u%20Chemical%20Abstracts%20Service.Citiran%20u%20EBSCO%20Host.www.cas.org">http://www.pmf.unsa.ba/hemija/glasnik.Citiran u Chemical Abstracts Service Citiran u EBSCO Host. www.cas.org</a> .
<i>Quality, knowledge measure in the performing of the teaching of natural science and its connection with social sciences</i>	<i>Educational policy and research year of publication 2018.</i>	<i>XVI. ECSBS – Prizren – May 10-12, 2018</i> <a href="http://iassr2.org/?page_id=2893">iassr2.org/?page_id=2893</a>

### **Papers presented at international conferences:**

<i>Title of paper</i>	<i>Journal name</i>	<i>Viti / Vëllimi / faqet</i>
<i>Care and maintenance of optimum quality packaged dried fruit.</i>	<i>Balkan between East and West.</i>	<i>Prizren juni 2013</i> <a href="https://www.ndi.org/.../between-east-and-west-public-opinion-media-disinformation-w...">https://www.ndi.org/.../between-east-and-west-public-opinion-media-disinformation-w...</a>
<i>The application of different materials and sustainability of optimal quality of dried product.</i>	<i>IRM Bor 47th International October Conference on Mining and Metallurgy (IOC2015).</i>	<i>Borsko jezero, 4-6 oktobar 2015.</i> <a href="http://www.Irmbor.co.rs/loc2015">www.Irmbor.co.rs/loc2015</a>
<i>AW dry matter and the value of the food.</i>	<i>Umyos 5th International vocational schools symposium.</i>	<i>18-19 maj 2016 Prizren. Electronic Edition. <a href="http://www.umyos.org">www.umyos.org</a></i>
<i>Ecological packaging in order to protect the physical and chemical properties of the fruit.</i>	<i>Umyos 5th International vocational schools symposium.</i>	<i>18-19 maj 2016 Prizren. Electronic Edition. <a href="http://www.umyos.org">www.umyos.org</a></i>

<i>AW value and its justification in teaching chemistry</i>	<i>Journal of European academic</i>	<i>Volume 3/ March 2017 DRJI Value: 5.9 (B+) ISSN 1186-4822</i>
<i>Kvalitet i metode u nastavi prirodnih nauka</i>	<i>Prozor u svijet obrazovanja, nauke i mladih . Zbornik stručnih i naučnih radova..</i>	<i>Broj.1.str.798-793. Sarajevo, 2019. ISBN 978-9926-448-07-3.,COBISS.BH-ID 27299590</i>
<b>Regional conference with international participation:</b>		
<i>Influence of Protective Properties of Aw-Value and Surface Color On Food Quality</i>	<i>03-04 june,2011Peja,Year 1,No.1.</i>	<i>Vol. 363-367. <a href="http://www.dukagjinicollege.eu/libri/">www.dukagjinicollege.eu/libri/</a></i>
<i>Ekologikal packaging a part of the marketing in the organization of a company</i>	<i>01-02 june,2012Peja,Year 2,No.2.</i>	<i>Vol. 351-357. <a href="http://www.dukagjinicollege.eu/libri/">www.dukagjinicollege.eu/libri/</a></i>
<b>Economic and social magazine:</b>		
<i>Experimental studies of packaging material on the translucency of dried fruit</i>	<i>Revista Biznesir social science administration - economic 2010..</i>	<i>Vol. 1-6. Nr.2. <a href="http://www.dukagjinicollege.eu/libri/">www.dukagjinicollege.eu/libri/</a></i>
<i>The effect of the protective properties of packaging on food quality control</i>	<i>Revista Biznesir social science administration - economic 2010.</i>	<i>Vol. 18-28.Nr.3. <a href="http://www.dukagjinicollege.eu/libri/">www.dukagjinicollege.eu/libri/</a></i>
<b>Social scientific research and academic Codes:</b>		
<i>Ecological trends in savremenoj tehnološkoj company organization.</i>	<i>Empirikus., Social Research and Academic code 2012 Peć.</i>	<i>Vol. 23-28.Nr.5 <a href="http://academia.edu">academia.edu</a></i>
<i>Product, quality and service</i>	<i>Empirikus., Social Research and Academic code 2012 Peć.</i>	<i>Vol. 22-28.Nr.6 <a href="https://www.tandfonline.com/doi/abs/10.1080/03075079.2012.709495">https://www.tandfonline.com/doi/abs/10.1080/03075079.2012.709495</a></i>

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<i>Mechanical and Electrical Properties of Alloys and Isothermal Section of Ternary Cu-In-Sb System at 673 K</i>	<i>High temperature materials and processes</i>	<i>Vol. 30, br. 1-2, str. 131-138 (Article) <a href="https://kobson.nb.rs/nauka_u_srbiji.748">https://kobson.nb.rs/nauka_u_srbiji.748</a>.</i>
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<i>Experimental investigation and thermodynamic calculation of the Cu-In-Sb phase diagram</i>	<i>Calphad –computer coupling of phase diagrams and thermochemistry</i>	<i>Metal Mater Eng ISSN: 2217-8961T (2009)</i> <a href="https://scinapse.io/papers/2775849160">https://scinapse.io/papers/2775849160</a>
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