

**LUCRĂRI ȘTIINȚIFICE PREZENTATE LA CONFERINȚE ȘI / SAU  
PUBLICATE ÎN PUBLICAȚII DE SPECIALITATE 2019**

<b>2019</b>				
<b>Nr. crt.</b>	<b>Titlu</b>	<b>Conferință/Revistă</b>	<b>Autorii</b>	<b>ISI/BDI</b>
1.	Computational study for improving the quality of safety measures for LPG filling stations	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 25-30 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Vlad Mihai Păsculescu, Emilian Ghicioi , Marius Simion Morar , Dragoș Păsculescu , Marius Cornel Şuvar	ISI
2.	Improving the quality for classification of pyrotechnic articles on the basis of pyrotechnic composition content	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 37-42 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Ilie Ciprian Jitea , Gabriel Vasilescu, Robert Laszlo, Cristian Raul Cioara, Claudia Miron	ISI
3.	Prospective and exploratory research in the quality field of industrial risk assessment and analysis	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 43-48 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Gabriel Dragoș Vasilescu, Robert Laszlo, Attila Kovacs, Cristian Rădeanu, Olga Miclea	ISI
4.	Research on psychological indicators involved in rescue activities	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 49-54 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Izabella Kovacs , Daniel Pupăzan, Cristian Nicolescu, Alin Irimia, Andrei Gireadă, Cosmin Ilie	ISI
5.	Determination of danger, risk and fire vulnerability parameters. numerical simulation in fire extinction	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 55-60 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Cristian Tomescu , Doru Cioclea, Ion Gherghe, Emeric Chiuzan, Marius Morar	ISI
6.	Research on establishing the physical effort of rescuers according to the activity performed and type of respiration protection equipment	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 61-66 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Andrei-Lucian Gireadă, George Artur Găman, Cristian Nicolescu, Cosmin Ilie, Alin Irimia, Izabella Kovacs	ISI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
7.	Monitoring worker's exposure to physicochemical pollutants to prevent occupational illness	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 67-70 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Sorin Simion, Marius Kovacs , Lorand Toth , Alexandru Simion , Maria Bădescu	ISI
8.	Increase in the security quality in use of professional pyrotechnic articles falling in category F4	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 83-88 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Cristian Rădeanu, Attila Kovacs, Daniela Rus, Ilie Ciprian Jitea, Gabriel Dragoș Vasilescu	ISI
9.	Assessing the quality safety performance of the deflagration detonating transient behavior specific to class 1 hazardous materials, according to Orange Book	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 89-92 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Daniela Carmen Rus, Emilian Ghicioi, Robert Laszlo, Cristian Rădeanu, Attila Kovacs, Gabriel Vasilescu	ISI
10.	Study of methods for assessment of the ignition risk of dust/air explosive atmospheres by electrostatic discharge	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 93-98 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Dan Gabor, Sorin Mihai Radu , Emilian Ghicioi , Mihaela Părăian, Adrian Marius Jurca, Niculina Vătavu, Florin Păun, Cătălin Mihai Popa	ISI
11.	Elements of disaster management and first AID	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 99-104 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Lorand Toth, George Artur Găman, Angelica-Nicoleta Călămar, Daniel Pupăzan, Cristian Nicolescu, Izabella Kovacs	ISI
12.	Improving drained gas quality parameters through optimal management of methane drainage systems	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 153-158 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Gabriel Bujor Băbuț, Roland Iosif Moraru, Mihai Popescu-Stelea, Andrada Denisa Băbuț	ISI
13.	Underground environment optimization using specialized programs	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 171-176 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Marius Simion Morar, Doru Cioclea, Cristian Raul Cioara, Vlad Mihai Păsculescu	ISI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
14.	Analysis of explosive environments that interacts with industrial ventilation systems	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 177-182 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Adrian Matei, Răzvan Drăgoescu, Doru Cioclea, Emeric Chiuzan, Florin Rădoi	ISI
15.	Increasing the safety, quality and efficiency of demolition/dismantling of metal structures by using blasting works	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 183-188 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Robert Laszlo, Edward Gheorghiosu, Dragos Gabriel Vasilescu, Attila Kovacs, Ciprian Jitea, Mihaela Galvitu	ISI
16.	The impact on the environment produced by the methane gas released in the Jiu Valley coal mines	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 189-194 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Nicolae Ianc, Doru Cioclea, Ion Gherghe, Florin Rădoi, Emeric Chiuzan, Adrian Matei, Răzvan Drăgoescu	ISI
17.	Study of explosive characteristics of combustible powders	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 201-206 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Cătălin Mihai Popa, Silviu Marin Nan, Mihaela Păräian, Adrian Marius Jurca , Florin Adrian Păun, Leonard Lupu, Niculina Vătavu, Dan Gabor	ISI
18.	Opportunity of using drones equipped with sensors for measurement of combustion gases	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 207-212 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Marius Kovacs, Angelica-Nicoleta Călămar, Lorand Toth, Sorin Simion, Alexandru Simion, Izabella Kovacs	ISI
19.	Considerations regarding the asymmetric pulse and asymmetric power tests of electronic ballasts for fluorescent luminaires with type of protection increased safety "E" designed for use in explosive atmospheres	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 269-274 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Lucian Moldovan, Sorin Burian, Mihai Magyari, Dragoș Fotău, Marcel Rad, Diana Sălășan	ISI
20.	Thermal endurance tests performed on equipment used in potentially explosive areas	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 275-278 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Dragoș Fotău, Sorin Burian, Mihai Magyari, Lucian Moldovan, Marcel Rad, Diana Sălășan	ISI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
21.	A quality-based approach for improving the lighting design process	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 287-292 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Dragoș Păsculescu, Leon Pană, Georgeta Buică, Vlad Mihai Păsculescu, Remus Dobra	ISI
22.	Increasing quality through the study of the use of extraction complexes using modern methods of mathematical statistics	Revista Quality Vol. 20 – S1, Ianuarie 2019 Pag. 353-358 p-ISSN 1582-2559 e-ISSN 2668-4861 ISSN-L 2668-4861	Marin Silviu Nan, Dănuț Grecea, Stela Dinescu, Andreea Ungur, Alin Sultan	ISI
23.	Improving the method of calculating the ecological footprint generated by road traffic – case study	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag. 781-788	Angelica Nicoleta Călămar, Alexandru Simion, Lorand Toth, Sorin Simion, Cristian Nicolescu	ISI
24.	Continuous invasive monitoring technology for determination of air velocity at the level of main ventilation station	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.789-795	Emeric Chiuzan, George Artur Găman, Doru Cioclea, Cristian Tomescu, Ion Gherghe	ISI
25.	Separation fault scenarios in intrinsic safety circuits	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.797-802	Marius Darie, Constantin Sorin Burian, Tiberiu Attila Csaszar, Cosmin Ioan Colda, Dănuț Nicolae Grecea	ISI
26.	Analysis of protection systems for reducing the effects of shock waves produced by explosions in enclosed spaces	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.881-888	Nan Marin Silviu, Stoicuta Olimpiu, Grecea Danut, Plotogea Catalin	ISI
27.	Research on tests carried out on explosion proof cable entries	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.811-815	Dragoș Fotău, Mihai Magyari, Lucian Moldovan, Marcel Rad, Cosmin Colda	ISI
28.	Assessment of the ground vibration generated by blasting in quarries	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.817-824	Edward Gheorghiosu, Attila Kovacs, Gabriel Dragos Vasilescu, Daniela Carmen Rus, Florin Rădoi	ISI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
29.	Use of drones in support of rescue interventions teams in toxic/flammable/explosive environments	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.831-837	Alin Irimia, George Artur Găman, Daniel Pupăzan, Cosmin Ilie, Cristian Nicolescu	ISI
30.	Improving the safety level of pyrotechnic articles testing in variable conditions of microclimate	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.839-845	Ilie Ciprian Jitea, Gabriel Dragos Vasilescu, Daniela Carmen Rus, Cristian Rădeanu, Sorin Bordoș	ISI
31.	Modernization of the test method for non-sparking materials intended for use in explosive areas	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.847-852	Adrian Marius Jurca, Emilian Ghicioi, Florin Păun, Dan Gabor, Leonard Lupu	ISI
32.	Psychological training program for intervention and rescue personnel	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.853-864	Izabella Kovacs, George Artur Găman, Daniel Pupăzan, Cosmin Ilie, Andrei Gireadă	ISI
33.	Influence of electric motors design on their behaviour during testing in explosive mixtures	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.873-880	Mihai Magyari, Sorin Burian, Lucian Moldovan, Dragoș Fotău, Marcel Rad	ISI
34.	New tools for estimating the extent of hazardous areas generated by gas leak explosions	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.889-900	Vlad Mihai Păsculescu, Nicolae-Ioan Vlasin, Emilian Ghicioi, Gheorghe Daniel Florea, Marius Cornel Şuvar	ISI
35.	Influence of pyrophoric sulphides over the flammability parameters of liquids	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.901-905	Maria Prodan, Emilian Ghicioi, Irina Nălboc, Andrei Szollosi-Moța, Sonia Suvar	ISI
36.	Analysis of human behavior and evacuation in building fires using computer evacuation models	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.921-928	Marius Cornel Şuvar, Izabella Kovacs, Vlad Mihai Păsculescu, Nicolae-Ioan Vlasin, Gheorghe Daniel Florea	ISI
37.	Determination of coal microelements by instrumental analysis	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.929-933	Cristian Tomescu, Cornel Boantă, Nicolae Ianc, Adrian Matei, Razvan Dragorescu	ISI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
38.	Research on aquatic pollution level of maleia river by simulation in computational fluid dynamics	Environmental Engineering and Management Journal April 2019, Vol.18 No. 4 ISSN 1582 – 9596 Pag.935-944	Lorand Toth, Angelica Călămar, Alin Irimia, Sorin Simion, Alexandru Simion	ISI
39.	Dezvoltarea sistemului de management al calității din cadrul INCD INSEMEX Petroșani	Revista Obiectiv Nr.1/2019 ISSN 1120-0611	Andrada Denisa Băbuț, Marius Simion Morar, Cristian Raul Cioară	
40.	70 de ani de existență INSEMEX	Revista Obiectiv Nr.1/2019 ISSN 1120-0611	Ligia Tuhuț, George Artur Găman	
41.	Fabricarea, calibrarea și testarea de sisteme avansate de senzori, pentru aplicații în securitate societală	Revista Obiectiv	Adrian Bogdan Șimon-Marinică, George Artur Găman, Emilian Ghicioi, Nicolae-Ioan Vlasin, Gheorghe Daniel Florea, Zoltan Vass	
42.	Cerințe esențiale de securitate care trebuie verificate la expertizarea tehnică a articolelor pirotehnice de divertisment	Revista Obiectiv	Cristian Rădeanu, Robert Laszlo, Gabriel Dragoș Vasilescu, Attila Kovacs, Ciprian Jitea	
43.	Mitigating noise pollution level when loading useful mineral substances (UMS) in CFR wagons in order to increase acoustic comfort in neighbouring areas	„ACOUSTICS AND VIBRATION OF MECHANICAL STRUCTURES“ AVMS, May 30-31, Timișoara, Romania	Simion Sorin, Pupăzan Daniel, Angela Călămar, Cristian Nicolescu, Izabella Kovacs	
44.	Sensitivity to ignition by electrostatic discharge of explosive dust / air mixtures	9th International Conference on Manufacturing Science and Education MSE 2019 June 5-7, Sibiu, Romania MATEC Web Conf. Volume 290, 2019 DOI: <a href="https://doi.org/10.1051/matecconf/201929012011">https://doi.org/10.1051/matecconf/201929012011</a>	Dan Sorin Gabor, Mihaela Paraian, Emilian Ghicioi, Mihai Popa, Florin Adrian Paun, Niculina Vatavu	ISI
45.	Personality and occupational stress in the field of mine rescue and intervention	9th International Conference on Manufacturing Science and Education MSE 2019 June 5-7, Sibiu, Romania MATEC Web Conf. Volume 290, 2019 DOI: <a href="https://doi.org/10.1051/matecconf/201929012018">https://doi.org/10.1051/matecconf/201929012018</a>	Izabella Kovacs, George Artur Gaman, Angelica Calamar, Daniel Pupazan, Cristian Nicolescu	ISI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
46.	Consequence modelling of a truck explosion	9th International Conference on Manufacturing Science and Education MSE 2019 June 5-7, Sibiu, Romania MATEC Web Conf. Volume 290, 2019 DOI: <a href="https://doi.org/10.1051/matecconf/201929012023">https://doi.org/10.1051/matecconf/201929012023</a>	Vlad Mihai Pasculescu, Emilian Ghicioi, Marius Simion Morar, Marius Cornel Suvar, Nicolae Ioan Vlasin	ISI
47.	Research on the phenomenon of explosive gas occurrence in drills for an engineering building – case study -	9th International Conference on Manufacturing Science and Education MSE 2019 June 5-7, Sibiu, Romania MATEC Web Conf. Volume 290, 2019 DOI: <a href="https://doi.org/10.1051/matecconf/201929012028">https://doi.org/10.1051/matecconf/201929012028</a>	Cristian Tomescu, Doru Cioclea, Emeric Chiuzan, Adrian Matei, Razvan Dragoeșcu	ISI
48.	The determination of threats traceability in the use of explosive materials in different environments	9th International Conference on Manufacturing Science and Education MSE 2019 June 5-7, Sibiu, Romania MATEC Web Conf. Volume 290, 2019 DOI: <a href="https://doi.org/10.1051/matecconf/201929012029">https://doi.org/10.1051/matecconf/201929012029</a>	Dragos Gabriel Vasilescu, Robert Laszlo, Attila Kovacs, Ilie Ciprian Jitea, Daniela Carmen Rus, Cristian Radeanu, Claudia Miron.	ISI
49.	Research regarding the upgrading of the attachments for balance ropes of mine hoists	9th International Conference on Manufacturing Science and Education MSE 2019 June 5-7, Sibiu, Romania MATEC Web Conf. Volume 290, 2019 DOI: 10.1051/matecconf/201929008016	Dumitrescu Iosif <b>Grecea Danut</b> Vitan Cosmin Vitan Dorel	ISI
50.	A model for integrating work safety into the design of technical equipments	9th International Conference on Manufacturing Science and Education MSE 2019 June 5-7, Sibiu, Romania MATEC Web Conf. Volume 290, 2019 DOI: 10.1051/matecconf/201929012019	Moraru Roland Iosif Bujor-Babut Gabriel Popescu-Stelea Mihai <b>Morar Marius Simion</b>	ISI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
51.	Research on solar radiation potential as a source of renewable energy in the Motru area	9th International Conference on Manufacturing Science and Education MSE 2019 June 5-7, Sibiu, Romania MATEC Web Conf. Volume 290, 2019 DOI: <a href="https://doi.org/10.1051/matecconf/201929011008">10.1051/matecconf/201929011008</a>	Nan Marin-Silviu Sultan Alin <b>Grecea Danut</b> Vitan Cosmin	ISI
52.	Analysis of domestic landfills in Hunedoara county and assessment of the groundwater and surface water degree of pollution	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Ecology, Economics, Education and Legislation ISSUE 5.1, pag.23-30 ISBN 978-619-7408-84-3 28 June - 7 July Albena Resort & Spa, Bulgaria	Angelica Nicoleta Călămar, Alexandru Florin Simion, Sorin Simion, Marius Kovacs, Izabella Kovacs	BDI
53.	Comparison of ICP-OES and EDXRF techniques for determination of soil metals	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Ecology, Economics, Education and Legislation ISSUE 5.1, pag.109-116 ISBN 978-619-7408-84-3 28 June - 7 July Albena Resort & Spa, Bulgaria	Alexandru Florin Simion, Angelica Nicoleta Călămar, Lorand Toth, Cristian Nicolescu, Vlad Alexandru Lautaru	BDI
54.	Research on vulnerability to stress in the field of intervention and rescue in toxic/ flammable/ explosive environments	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.545-551 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Izabella Kovacs, Angelica Nicoleta Călămar, Daniel Pupăzan, Lorand Toth, Cristian Nicolescu	BDI
55.	Validation and determination of accidental gas emissions by advanced gas scanning method in the infrared field	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.1, pag. 1007-1014 ISBN 978-619-7408-76-8 28 June - 7 July Albena Resort & Spa, Bulgaria	Lorand Toth, Izabella Kovacs, Angelica Nicoleta Calamar, George Artur Gaman, Emilian Ghicioi	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
56.	Aspects on testing electrical equipment with type of protection flameproof enclosure "d"	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.663-670 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Lucian Moldovan, Sorin Burian, Mihai Magyari, Dragoș Fotău, Marcel Rad	BDI
57.	Considerations on the testing of breathing and draining devices used in electrical equipment with flameproof enclosure type of protection	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.727-734 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Marcel Daniel Rad, Lucian Moldovan, Mihai Magyari, Dragoș Fotău, Diana Sălaşan	BDI
58.	Comparative study having in view the methods of determination the minimum ignition energy of the air/combustible dust mixtures	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.127-134 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Adrian Jurca, Dan Gabor, Florin Adrian Păun, Niculina Vătavu , Mihaela Părăian	BDI
59.	Charging risk with electrostatic charges of workers from EX areas	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.697-704 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Mihai Popa, Adrian Jurca, Florin Adrian Păun, Niculina Vătavu, Mihaela Părăian	BDI
60.	Optimization of blasting activities in salt mines in the conditions of ensuring the integrity of underground mining structures	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.463-471 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Laszlo Robert, Gheorghiosu Edward, Ghicioi Emilian, Kovacs Attila, Ilaci Stefan	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
61.	Performing safely and efficiently the demolition of a water cooling tower by using blasting works	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.487-492 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Attila Kovacs, Laszlo Robert, Gheorghiosu Edward, Ilaci Stefan, Vasilescu Gabriel	BDI
62.	Development of new concepts, methods, processes and technologies concerning the security of industrial ventilation systems	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.249-254 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Răzvan Drăgoescu, Doru Cioclea, Emeric Chiuzan, Adrian Matei, Marius Simion Morar	BDI
63.	Characterization of hydraulic oil waste to thermal degradation using the thermogravimetric analysis method coupled with infrared spectrometry	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.689-695 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Irina Nălboc, Răzvan Drăgoescu, Maria Prodan, Andrei Szollosi-Moța, Sonia Şuvar	BDI
64.	Occupational health and safety risk assessment for preventing electrical injury in underground mining	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.455-462 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Vlad Mihai Păsculescu, Marius Simion Morar, Dragoș Păsculescu, Marius Cornel Şuvar, Ligia Ioana Tuhuț	BDI
65.	Optimizing the underground environment of mining units using specialized programs	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.481-486 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Marius Simion Morar, Vlad Mihai Păsculescu, Cristian Raul Cioară, Andrada Denisa Babuț, Doru Gabriel Pricop	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
66.	Visualization and record methods for the initiation of air-methane explosive atmospheres	19th International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.1165-1171 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Adrian Bogdan Simon-Marinica, Emilian Ghicioi, Nicolae-Ioan Vlasin, Marius Cornel Suvar, Gheorghe Daniel Florea	BDI
67.	Numerical modeling of water sprinkler interaction with fire spread and smoke layers	19th International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Informatics, Geoinformatics and Remote Sensing ISSUE 2.1, pag.471-478 ISBN 978-619-7408-79-9 28 June - 7 July Albena Resort & Spa, Bulgaria	Marius Cornel Suvar, Adrian Simon-Marinica, Niculina-Sonia Suvar, Emilian Ghicioi, Aurelian Nicola	BDI
68.	Evaluation of nonlinear circuits with intrinsic safety using spark test apparatus simulator	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.837-844 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Danuț Grecea, Sorin Burian, Marius Darie, Tiberiu Csaszar, Cosmin Colda	BDI
69.	Integrated system for pressurized enclosures tests	19th International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.937-944 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Marius Darie, Tiberiu Csaszar, Clementina Sabina Moldovan, Cosmin Colda, Danuț Grecea	BDI
70.	Critical points of pressurized enclosure found with CFD - an example	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.743-749 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Tiberiu Csaszar, Sorin Burian, Marius Darie, Cosmin Colda, Danuț Grecea	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
71.	Aspects regarding the voltage impulse ignition test for stator insulation systems of electric motors used in potentially explosive atmosphere	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.671-676 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Dragoș Fotău, Mihai Magyari, Lucian Moldovan, Marcel Rad, Diana Sălaşan	BDI
72.	Rescue and intervention activity set-up at the level of economic agents in order to increase safety and health at work	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.521-527 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Cristian Nicolescu, George Artur Găman, Daniel Pupăzan, Cosmin Ilie, Alin Irimia	BDI
73.	Research on development of practical abilities of rescuers in interventions in high temperature and humidity environments	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.537-544 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Cosmin Ilie, George Artur Găman, Daniel Pupăzan, Cristian Nicolescu, Andrei Lucian Gireada	BDI
74.	Researches regarding the dispersion of volatile organic compounds emissions generated by treatment and coating of metals	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Energy and Clean Technologies ISSUE 4.1, pag.1061-1067 ISBN 978-619-7408-83-6 28 June - 7 July Albena Resort & Spa, Bulgaria	Vlad Alexandru Lăutaru, Sorin Simion, Marius Kovacs, Andrei Lucian Gireadă, Alin Irimia	BDI
75.	Studying of the influence of heavy metal effects, from closed mining perimeters on the quality of surface water-creek certej case study	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.621-628 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Andrei Szollosi-Moța, Maria Prodan, Irina Vasilica Nalboc, Sonia Șuvar, Marius Simion Morar	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
76.	Distribution of velocity fields in air exhaust difuslers	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.263-270 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Gherghe Ion, Rădoi Florin, Ianc Nicolae, Boantă Cornelius, Matei Adrian	BDI
77.	Residual risks encountered in coal mining and closure of mines in the Jiu Valley – Romania	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.561-568 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Cristian Tomescu, Doru Cioclea, Florin Rădoi, Emeric Chiuzan, Cornel Boanta	BDI
78.	Applications of terotechnic and terotechnology to industrial ventilation systems	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.73-78 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Boantă Cornelius, Cioclea Doru, Gherghe Ion, Ianc Nicolae, Tomescu Cristian	BDI
79.	Evaluation of detonant characteristics of high-contained nitrogen fertilizers in accordance with (EC) 2003/2003 regulation and issuance of a certificate in this regard	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.293-300 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Rus Daniela Carmen, Vasilescu Gabriel Dragoș, Attila Kovacs, Gheorghiosu Edward Jan, Jitea Ilie Ciprian	BDI
80.	Evaluation of the safety level to the high-quality vault with a V resistance level, based on the gaz explosion test results	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.845-850 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Rădeanu Cristian, Vasilescu Gabriel Dragoș, Attila Kovacs, Robert Laszlo, Miron Claudia	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
81.	Verification of performance requirements and technical parameters of plastic explosives with civil and military use	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.725-732 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Jitea Ilie Ciprian, Vasilescu Gabriel, Laszlo Robert, Kovacs Attila, Rădeanu Cristian	BDI
82.	Analysis of the specific dangerous scenarios for industrial site of the field of explosives for civil uses	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.3, pag.47- 56 ISBN 978-619-7408-78-2 28 June - 7 July Albena Resort & Spa, Bulgaria	Vasilescu Gabriel Victor, Burdea Florin, Vedinaș Florin, Stoian Florian, <b>Gabriel Dragoș Vasilescu</b>	BDI
83.	Research on the use drones for monitoring and resources valorification in the extractive industry	19 <sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2019 Conference Proceedings Vol. 19 Science and Technologies in Geology, Exploration and Mining ISSUE 1.2, pag.1061 ISBN 978-619-7408-77-5 28 June - 7 July Albena Resort & Spa, Bulgaria	Marin Silviu Nan, Cătălin Plotogea, <b>Dănuț Grecea</b> , Alin Sultan, Cosmin Vitan	BDI
84.	Local and global effects in steel buildings frames due to blast load	10th World Conference on Explosives & Blasting EFEE 15th-18th September Helsinki, Finland	F. Dinu, I. Marginean, <b>A. Kovacs, E. Ghicioi, R. Laszlo</b>	
85.	Influence of the loading and support conditions on the ultimate capacity of columns to resist the effects of near	10th World Conference on Explosives & Blasting EFEE 15th-18th September Helsinki, Finland	R. Laszlo...	
86.	Full-scale two-story steel frame building under near-field explosions	7th International Colloquium on Performance, Protection & Strengthening of Structures Under Extreme Loading & Events PROTECT 16 - 17 September 2019 Whistler, Canada	Emilian Ghicioi	

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
87.	Verifying compliance of a metallic surface treatment company with bat requirements, to minimize emissions of pollutants in water	22nd INTERNATIONAL SYMPOSIUM "ENVIRONMENT AND INDUSTRY" SIMI, 26 <sup>th</sup> -27 <sup>th</sup> September 2019 Bucharest, Romania DOI: <a href="http://doi.org/10.21698/simi.2019.fp36">http://doi.org/10.21698/simi.2019.fp36</a>	Marius Kovacs, Angelica-Nicoleta Călămar, Lorand Toth, Sorin Simion, Alexandru Simion	
88.	Research on the advantages of in situ investigation of air quality parameters by means of environmental auto laboratories	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500062">https://doi.org/10.1051/matecconf/202030500062</a>	Angelica-Nicoleta Călămar , Lorand Toth, Sorin Simion, Marius Kovacs	BDI
89.	Lowering the level of occupational exposure to noise in areas neighbouring compressor halls	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500044">https://doi.org/10.1051/matecconf/202030500044</a>	Sorin Simion, Alexandru Florin Simion, Izabella Kovacs,Vlad Alexandru Lăutaru	BDI
90.	Impact of demolition work on the environment, generated by mine closures in Jiu Valley	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500036">https://doi.org/10.1051/matecconf/202030500036</a>	Vlad Lăutaru , Marius Kovacs, Andrei Gireadă, Alin Irimia	BDI
91.	Research on practical training of rescuers by using a mobile workout training facility	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500056">https://doi.org/10.1051/matecconf/202030500056</a>	Cristian Nicolescu, George Artur Gaman, Daniel Pupazan, Cosmin Ilie, Izabella Kovacs	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
92.	Performing comparative determinations on pollutant immissions through reference methods and by means of infrared spectroscopy	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500057">https://doi.org/10.1051/matecconf/202030500057</a>	Lorand Toth , Angelica-Nicoleta Călămar, Alexandru Simion, Alin Irimia	BDI
93.	Optimizing the technical verification process of cylinders	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500053">https://doi.org/10.1051/matecconf/202030500053</a>	Cosmin Ilie , George Artur Găman, Daniel Pupăzan, Cristian Nicolescu, Andrei Gireadă	BDI
94.	Aspects concerning the influence of the design of flameproof electric motors on maximum explosion pressures	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI <a href="https://doi.org/10.1051/matecconf/202030500008">https://doi.org/10.1051/matecconf/202030500008</a>	Mihai Magyari, Lucian Moldovan, Diana Sălaşan	BDI
95.	Technical requirements for entries in flameproof enclosures operating in potentially explosive atmospheres	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500073">https://doi.org/10.1051/matecconf/202030500073</a>	Marcel Daniel Rad, Dragoș Fotău, Sorin Zsido	BDI
96.	Importance of training the personnel performing specific activities related to equipment / installations operating in areas classified as with potentially explosive atmospheres	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500037">https://doi.org/10.1051/matecconf/202030500037</a>	Lucian Moldovan, Mihai Magyari, Adriana Andriș, Gabriela Pupăzan	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
97.	Considerations regarding the specific tests applicable to electric motors with type of protection flameproof enclosure „D” and type of protection increased safety „E”	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500021">https://doi.org/10.1051/matecconf/202030500021</a>	Dragos Fotau, Marcel Rad, Diana Sălaşan	BDI
98.	Determining the maximum surface temperature for non-electrical equipment aiming at explosion prevention at protection	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500026">https://doi.org/10.1051/matecconf/202030500026</a>	Adrian Marius Jurca, Niculina Vătavu, Leonard Lupu, Mihai Cătălin Popa	BDI
99.	Research regarding the electrification risk of materials, technical equipment and appearance of electrostatic discharges in the presence of explosive atmospheres	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500065">https://doi.org/10.1051/matecconf/202030500065</a>	Florin Adrian Paun, Mihaela Paraian, Mihai Catalin Popa, Dan Gabor	BDI
100	Aspects regarding the applicability of ATEX directives for the evaluation of products regarding the risk of explosion	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500009">https://doi.org/10.1051/matecconf/202030500009</a>	Mihaela Păräian, Sorin Burian, Niculina Vătavu, Florin Adrian Păun	BDI
101	Research on the improvement of test methods for the determination of dust penetration in enclosures of equipment intended for explosive atmospheres	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500063">https://doi.org/10.1051/matecconf/202030500063</a>	Niculina Vătavu, Adrian Jurca, Sorin Vătavu, Dan Gabor	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
102	The test method used to determine surface temperature for EX equipment certification	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500083">https://doi.org/10.1051/matecconf/202030500083</a>	Dănuț Grecea, Marius Darie, Tiberiu Csaszar	BDI
103	Aspects on threshold alarm tests of electrical apparatus for the detection of combustible gases in domestic premises	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500085">https://doi.org/10.1051/matecconf/202030500085</a>	Marius Darie, Dănuț Grecea, Cosmin Ioan Colda	BDI
104	Particularities of the assessment of large equipment used in explosive atmospheres	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500055">https://doi.org/10.1051/matecconf/202030500055</a>	Gabriela Pupăzan, Tiberiu Csaszar, Adriana Andriș	BDI
105	Designing and using robots for performing inspections in potentially explosive atmospheres	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500025">https://doi.org/10.1051/matecconf/202030500025</a>	Cosmin Ioan Colda, Sorin Burian	BDI
106	Numerical simulation for determining detonation parameters of explosive substances using explo 5 thermo-chemical prediction software	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500049">https://doi.org/10.1051/matecconf/202030500049</a>	Gabriel Dragoș Vasilescu, Attila Kovacs, Edward Gheorghiosu, Bogdan Garaliu-Bușoi, Gabriel Ioan Ilcea	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
107	Assessing the impact sensitivity of explosives using the BHF-12A equipment	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500011">https://doi.org/10.1051/matecconf/202030500011</a>	Cristian Radeanu, Daniela Carmen Rus, Ilie Ciprian Jitea, Claudia Miron, Dragos Gabriel Vasilescu	BDI
108	Technical and safety aspects at the demolition by blasting works of a cooling tower with a high of 72.00 M	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500072">https://doi.org/10.1051/matecconf/202030500072</a>	Robert Laszlo, Cristian Radeanu, Stefan Ilaci, Mircea Grecea, Miklos Levente	BDI
109	The analysis of health and safety deficiencies at work as well as organization, to the surface mining operations, of useful rocks which can cause accidents and/or technological failures	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500075">https://doi.org/10.1051/matecconf/202030500075</a>	Attila Kovacs, Sorin Bordoș, Bogdan Garaliu-Bușoi, Claudia Miron, Sorina Stănila	BDI
110	Computational simulation of safety parameters concerning friction and impact sensitivity of tested civil use explosives	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500018">https://doi.org/10.1051/matecconf/202030500018</a>	Ilie Ciprian Jitea, Robert Laszlo, Daniela Carmen Rus, Stefan Ilaci, Olga Miclea	BDI
111	Conformity assessment of anti-hail rocket RAG-96.00 with security requirements	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500020">https://doi.org/10.1051/matecconf/202030500020</a>	Edward Gheorghiosu, Sorin Bordoș, Vasile Enache, Dănuț Ion	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
112	Experimentation of a banded tandem ventilation system with balanced structure	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500033">https://doi.org/10.1051/matecconf/202030500033</a>	Doru Cioclea, Ion Gherghe, Emeric Chiuzan, Adrian Matei, Răzvan Drăgoescu	BDI
113	Use of explosibility diagrams in potentially explosive atmospheres	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500087">https://doi.org/10.1051/matecconf/202030500087</a>	Matei Adrian, Drăgoescu Răzvan, Chiuzan Emeric, Ianc Nicolae, Rădoi Florin	BDI
114	The process of closing dynamics applied to the ventilation network of Paroșeni mine	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500080">https://doi.org/10.1051/matecconf/202030500080</a>	Florin Rădoi, Doru Cioclea, Corneliu Boantă, Cristian Tomescu	BDI
115	Environmental impact of methane released from coal mines	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500030">https://doi.org/10.1051/matecconf/202030500030</a>	Nicolae Ianc, Corneliu Boantă, Ion Gherghe, Cristian Tomescu	BDI
116	Assessing the heavy metal pollution level in jiu valley by bio-monitoring inferior plants - moss	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500010">https://doi.org/10.1051/matecconf/202030500010</a>	Andrei Szollosi-Moța, Maria Prodan, Irina Vasilica Nălboc, Niculina Sonia Şuvar	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
117	Analysis of thermal degradation behavior for some hydraulic oils, using FTIR-TGA coupling	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI <a href="https://doi.org/10.1051/matecconf/202030500006">https://doi.org/10.1051/matecconf/202030500006</a>	Niculina Sonia Şuvar, Maria Prodan, Irina Vasilica Nălboc, Andrei Szollosi-Moța	BDI
118	The use of numerical models as a modern tool in fire investigation	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500084">https://doi.org/10.1051/matecconf/202030500084</a>	Marius Cornel Şuvar, Laurențiu Munteanu, Aurelian Nicola	BDI
119	Optimizing the computational simulations of air-flammable gas explosions using HPC and ANSYS software	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500052">https://doi.org/10.1051/matecconf/202030500052</a>	Laurențiu Munteanu, Marius Cornel Şuvar, Ligia Ioana Tuhuț	BDI
120	Increasing the occupational health and safety level by using specialized software	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500039">https://doi.org/10.1051/matecconf/202030500039</a>	Marius Simion Morar, Vlad Mihai Păsculescu, Cristian Raul Cioară, Andrada Denisa Băbuț	BDI
121	Technical and organisational operationalization of the testing programme for fireworks in category 4 (aerial bombs and roman candles)	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500074">https://doi.org/10.1051/matecconf/202030500074</a>	Cristian Raul Cioară, Marius Simion Morar, Andrada Denisa Băbuț, Olga Miclea	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
122	Locating the probable ignition source in fire expertise	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500042">https://doi.org/10.1051/matecconf/202030500042</a>	Gheorghe Daniel Florea, Nicolae Ioan Vlasin	BDI
123	Defining parameters for numerical modelling of fires	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500024">https://doi.org/10.1051/matecconf/202030500024</a>	Zoltan Vass, Adrian Bogdan Șimon-Marinică, Sorina Stănilă	BDI
124	Automation of physical experiments regarding explosions of air-methane mixtures	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500013">https://doi.org/10.1051/matecconf/202030500013</a>	Adrian Bogdan Șimon-Marinică, Zoltan Vass	BDI
125	Ignition source localization in gaseous mixtures explosions expertise	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500035">https://doi.org/10.1051/matecconf/202030500035</a>	Nicolae-Ioan Vlasin, Gheorghe Daniel Florea	BDI
126	Modelling the occupational exposure of workers to certain hazardous chemicals	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500047">https://doi.org/10.1051/matecconf/202030500047</a>	Vlad Mihai Păsculescu, Emilian Ghicioi, Dragoș Păsculescu, Mircea Suciu	BDI

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
127	Computational simulation of shock wave generated by the detonation of civil use explosions	9th Edition of the International Symposium on Occupational Health and Safety – SESAM Petrosani, on October 3rd 2019 MATEC Web of Conferences Volume 305 (2020) DOI: <a href="https://doi.org/10.1051/matecconf/202030500019">https://doi.org/10.1051/matecconf/202030500019</a>	Ligia Ioana Tuhuț, Emilian Ghicioi	BDI
128	Use of innovative technologies in psychological assessment and training of personnel working in dangerous environments	CONFERINTA INTERNATIONALA ZILELE ACADEMIEI DE STIINTE TEHNICE DIN ROMANIA 17 – 18 octombrie 2019, Chisinau	George Artur Găman, Daniel Pupăzan, Izabella Kovacs	
129	Testing of a full-scale building under external blast	Newsletter 2/19_Republication of your EFEE Stockholm paper	F. Dinu, I. Marginean, D. Dubina, A. Kovacs & E. Ghicioi	
130	Sustainable Development Model for the Automotive Industry	SUSTAINABILITY Volume: 11 Issue: 22 eISSN: 2071-1050 Noiembrie 2019	Cioca Lucian-Ionel Ivascu Larisa Turi Attila Artene Alin Găman George Artur	ISI
131	'Management and reuse of land affected by tailing dumps - E.M Lonea case study' Pag. 672	Mineral Processing Conference Eurasia (IMPC 2019) ISBN 978-975-7946-44-1 31 October - 2 November 2019 Antalya.	Alexandru Florin Simion Angelica Călămar Maria Lazăr Universitatea Petroșani Lorand Toth Vlad Lăutaru	
132	Evaluation methods of test laboratories regarding the validation of results through proficiency testing	AI XXI -lea Simpozion Internațional "Tinerii și Cercetarea Multidisciplinara" ACM-V 14 - 15 Noiembrie 2019 CD – ISSN 1843-6609	Vlad Lăutaru, Alexandru Simion, Cristian Nicolescu, Sorin Simion	
133	Computational Simulation Validation of flammable gasses leaks	AI XXI -lea Simpozion Internațional "Tinerii și Cercetarea Multidisciplinara" ACM-V 14 - 15 Noiembrie 2019 CD – ISSN 1843-6609	Adrian Bogdan Șimon-Marinica, Daniel-Gheorghe Florea, Ligia Ioana Tuhuț, Laurențiu Munteanu	
134	Security assessment for safety explosives intended to be used in salt mining exploitations	AI XXI -lea Simpozion Internațional "Tinerii și Cercetarea Multidisciplinara" ACM-V 14 - 15 Noiembrie 2019 CD – ISSN 1843-6609	Ştefan ILICI, Claudia MIRON, Cristian RĂDEANU, Bogdan GARALIU, Claudia Raluca ILICI	

2019				
Nr. crt.	Titlu	Conferință/Revistă	Autorii	ISI/BDI
135	Considerations regarding the electrical equipment the type of protection flameproof enclosure "d" intended for use in potentially explosive atmospheres	AI XXI -lea Simpozion Internațional "Tinerii și Cercetarea Multidisciplinara" ACM-V 14 - 15 Noiembrie 2019 CD – ISSN 1843-6609	Diana Sălaşan Mihai Magyari Lucian Moldovan Dragoș Fotău Marcel Daniel Rad	
136	Development of new concepts, methods, processes and technologies concerning the security of industrial ventilation systems	AI XXI -lea Simpozion Internațional "Tinerii și Cercetarea Multidisciplinara" ACM-V 14 - 15 Noiembrie 2019 CD – ISSN 1843-6609	Răzvan Drăgoescu, Doru Cioclea, Adrian Matei, Emeric Chiuzan , Florin Rădoi, Ion Gherghe, Marius Morar	
137	Environmental impact for active coal mines in contrast with the community impact on closed mines	Întâlnirea Conducătorilor Autorităților Miniere de Stat din Europa, 2019, Cottbus, Germania.	Emilian Ghicioi, Lorand Toth	