

СПИСЪК
на публикациите
на доц. д-р инж. Кремена Ясенова Деделянова

1. **Dedelyanova K.**, Metodiev M., 2002. Vibratory column flotation machine – vibratory-acoustic and technological researches, Annual of the University of Mining and Geology “St. Ivan Rilski”, vol. 44-45, part II, Mining and Mineral Processing, Sofia, pp. 85-88
2. **Dedelyanova K.**, Metodiev M., 2002. Vibratory column flotation machine - vibratory-acoustic and technological investigations, IXth International Mineral Processing Symposium, 18-20 September 2002, Cappadocia – Turkey, pp. 132- 134
3. **Деделянова К.**, 2003. Вибрационна колонна флотационна машина – виброакустични изследвания, Сборник с доклади от X Юбилейна младежка научно-практическа сесия, с конкурсен характер – 25 март 2003, стр. 21-25 /статията е премирана с трета награда, като първа не е присъдена/
4. Metodiev M., **Dedelyanova K.**, Air bubbles creation and behavior in a vibratory- acoustic field, Annual of the University of Mining and Geology “St. Ivan Rilski” 50 years University of Mining and Geology “St. Ivan Rilski”, vol. 46, part II, Sofia, ISSN 1312-1820, (2003), 105-110, ID № 2842, <https://nrs.nacid.bg/register/search>
5. **Dedelyanova K.**, Metodiev M., Influence of vibration at flotation of copper ore vibratory column flotation machine, Proceedings of X Balkan Mineral Processing Congress "Mineral Processing in the 21st century", Varna, Bulgaria, 15-20 June, 2003, ISBN 954 9748 54 5 (2003), 113-116
6. **Dedelyanova K.**, Metodiev M., Determination of the influence of vibrations on velocity emerge of gas bubbles, Proceedings of X Balkan Mineral Processing Congress "Mineral Processing in the 21 century", Varna, Bulgaria, 15-20 June, 2003 (2003), ISBN 954 9748 54 5, 117-120
7. **Dedelyanova K.**, Metodiev M., Comparative flotation experiments with copper ore in column flotation machine with and without vibrations, Proceedings of VII National Conference of Open Pit Mining, 10-15 of September 2003, Varna, Bulgaria, ISSN 1314-8877 (2003), 272 - 276, ID № 3152, <https://nrs.nacid.bg/register/search>
8. **Dedelyanova K.**, Metodiev M., Vibratory column flotation machine. Influence of the pulp density at the copper ore flotation. 35 International October conference on Mining and Metallurgy, 30.09.– 03.10 2003, Bor Lake, Serbia, ISBN 86-80987-18-2, (2003), 233 – 237.
9. **Кр. Деделянова**, Обогатяване на мanganова руда от находище “Оброчище чрез полиградиентна магнитна сепарация. Сборник

доклади Втора национална младежка научно-практическа сесия, София - 29. 03. 2004, ISSN 1314-0698, (2004), 47-50, ID № 4048, <https://nrs.nacid.bg/register/search>.

10. **Dedelyanova K.**, K. Ionkov, L. Kuzev, Recovery of ochre from limonite suspension by selective flocculation. Proceedings of the XI Balkan mineral processing congress, Durres, Albania, 22 – 26. 05. 2005, ISBN 99943-694-6-6, (2005), 350 – 355.
11. Ionkov K., **K. Dedelyanova**, L. Kuzev, Flowsheet of high intensity magnetic separation improvement for Kremikovtzi – mining processing plant. Proceedings of the XI Balkan mineral processing congress, Durres, Albania, 22 – 26. 05. 2005, ISBN 99943-694-6-6, (2005), 295 – 300.
12. Voutov Tz., I. Antonov, Y. Bozhourski, K. Chobanov, N. Chompalova, I. Vladov, I. Kairakov, **K. Dedelyanova**, Optimization of ore conveying scheme in Ellatzite open pit – precondition for reducing the production costs. Proceedings of the IV Symposium in the field of mining with international participation, Ohrid, R. Macedonia, 30. 05 – 02. 06. 2006., ISBN 9989-618--31-3 (2006), 246 – 251.
13. Dimitrov D., **K. Dedelyanova**, K. Ionkov, Investigation of the opportunity of applying a combined flotation and metallurgical method for zinc-tin waste dusts processing. Proceedings of the IV Symposium in the field of mining with international participation, Ohrid, R. Macedonia, 30. 05 – 02. 06. 2006., ISBN 9989-618--31-3 (2006), 324 – 329.
14. Димитров Д., **Кр. Деделянова**, Химическо разделяне на цинк и калай при оползотворяване на отпадъчни метални прахове. Четвърта национална младежка научна-практическа сесия, София, 19 – 21. 05. 2006 г., ISSN 1314-0698, (2006), 68 -73, ID № 4048, <https://nrs.nacid.bg/register/search>
15. Даскалов, П., **Кр. Деделянова**, Индустриталните минерални сировини на България – минно богатство. Национална научно-техническа конференция “Индустриалните минерални сировини на Р. България”, 11. 10. 2006 г., ISBN 954 91547 3 4, ISBN 978 954 91547 3 3, (2006), 7 – 14, ID № 4535, <https://nrs.nacid.bg/register/search>.
16. Йонков, Кр., **Кр. Деделянова**, Производство на барит от отпадъчна сировина. Национална научно-техническа конференция “Индустриалните минерални сировини на Р. България”, 11. 10. 2006 г., ISBN 954 91547 3 4, ISBN 978 954 91547 3 3, (2006), 75 – 78, ID № 4535, <https://nrs.nacid.bg/register/search>
17. Йонков, Кр., **Кр. Деделянова**, Изследване флотационните свойства на реагент DUBOFLOT за селективна флотация на барит. Годишник на МГУ "Св. Иван Рилски", Том 49, 2006. (2006), ISSN 1312-1820, 179 - 181, ID № 2842, <https://nrs.nacid.bg/register/search>
18. **Kr. Dedelyanova**, M. Metodiev, Innovative aeration in column flotation.

Proceedings of the XIII International mineral processing congress, Istanbul, Turkey, 3 - 8. 09. 2006., ISBN 975-7946-27-3 (Tk), 7946-28-1 (Volume I), (2006), 834 – 838.

19. Kuzev L., Kr. Ionkov, **Kr. Dedelyanova**, Technological applications of vibrating mills with horizontal chambers. Proceedings of the XIII International mineral processing congress, Istanbul, Turkey, 3 - 8. 09. 2006., ISBN 975-7946-27-3 (Tk), 7946-28-1 (Volume I), (2006), 116 – 120.
20. **Dedelyanova, Kr.**, K. Ionkov, Increase of iron recovery from limonite ore by selective flocculation, XII Balkan Mineral Processing Congress, 10 – 14 June 2007, Delphi, Greece, ISBN 978-960-89228-9-1 (2007), 311 – 315.
21. **Dedelyanova, Kr.** J., K. Ionkov, Beneficiation of hematite ore by high intensity magnetic separation and selective flocculation, Proceedings of the XXIV International mineral processing congress, Beijing, China, 24-28 September 2008, ISBN 978-7-03-022711-9 (Beijing) (2008), 1121 – 1125.
22. Йонков, К., **К. Деделянова**, Оползотворяване на техногенната сировина от хвостохранилище “Челопечене” за производство на барит. сп. Минно дело и геология, ISSN 0861-5713, 2-3, (2009), 47-49, ID № 2045, <https://nrs.nacid.bg/register/search>
23. Ionkov, K., N. Hristov, **K. Dedelyanova**, L. Kuzev, Technological possibilities flowsheet of Kremikovtsi beneficiation plant to be improved. Proceedings of the XIII Balkan Mineral Processing Congress, 14-17 June 2009, Bucharest, Romania, ISBN 978-973-677-160-6, Vol.1 - 2009- ISBN 978-973-677-160-6 (2009), 409 – 412.
24. **Dedelyanova, K.**, N. Hristov, K. Ionkov, L. Kuzev, Study of beneficiation and utilization of waste heaps from brown coal industry at Pernik pool. Proceedings of the XIII Balkan Mineral Processing Congress, 14-17 June 2009, Bucharest, Romania, ISBN 978-973-677-160-6, Vol.2 - 2009- ISBN 978-973-677-159-0 (2009), 808 – 810.
25. Daskalov, P., **K. Dedelyanova**, I. Kozuharov, Industrial mineral resources in Bulgaria. 3rd Balkan mining congress BALKANMINE 2009, 1-3 October 2009, Izmir, Turkey, ISBN 978-9944-89-782-2 (2009), 59 – 66.
26. Стефанов Г., Р. Дамбов, **К. Деделјанова**, Optimization and control of technological processes in mines, Подекс '09, 04-05.12.2009, Македонска Каменица, ISBN 978-9989-2921-2-5 (2009), 154-162.
27. **Деделянова, К.**, В. Механджийски, И. Кунчев, Ц. Вутов, Ввод в эксплуатацию и исследование работы пресс-фильтра Larox PF-50 на флотационной фабрике Елаците-Медь” Болгария. “Обогащение руд”, 2, 2010, ISSN 0202-3776 (2010), 13-16.
28. **K. Dedelyanova**, Column flotation – a new standard in flotation technology, PROCEEDINGS OF THE XII INTERNATIONAL MINERAL PROCESSING SYMPOSIUM (IMPS), 6-8 October 2010, Cappadocia, Turkey, ISBN 978-975-491-295-1 (2010), 383-388.
29. **K. Dedelyanova**, Column flotation - a new standard in flotation

- technology, 12-13 ноември 2010, Пробиштип, Република Македонија, ISBN 978-9989-2921-4-9 (2010), 106-112.
30. **Dedelyanova, K.**, V. Mehandzhijski, I. Kunchev, T. Voutov, THE OPERATION OF THE LAROX PF-50 PRESSURE FILTER AT 'ELLATZITE-MED' FLOTATION PLANT BULGARIA. XXV International mineral processing congress (IMPC) 2010 Proceedings/Brisbane, QLD, Australia / 6 - 10 September 2010, ISBN 978 1 921522 28 4, (2010), 661-666.
31. **Dedelyanova K.**, L. Kuzev, V. Mehandzhijski, SURVEY ON OPTIONS FOR ORE SCRAP COMMINUTION. Proceedings of the XIV Balkan mineral processing congress, 14 - 16 June 2011, Tuzla, Bosnia and Herzegovina, Vol. II, ISBN 978- 9958-31-038-6 (2011), 765-768.
32. Kuzev L., N. Hristov, **K. Dedelyanova**, Grinding media for drum mills. Proceedings of the XIV Balkan mineral processing congress, 14 - 16 June 2011, Tuzla, Bosnia and Herzegovina, Vol I, ISBN 978-9958-31-038-6 (2011), 79-82.
33. **Dedelyanova K.**, N. Hristov, L. Kuzev, OPTIONS FOR IMPLEMENTATION OF ASH COAL FROM "REPUBLIKA" MINE, PERNIK COAL BASIN. XXII World mining congress, 11-16 September 2011, Istanbul, Turkey, Vol.III, ISBN 978-605-01-0146-1; 978-605-01-0149-2 (2011), 265-270.
34. **Dedelyanova K.**, I. Vladov, V. Mehandzhijski, I. Kotova, New effectlve collector for selective flotation. XXII World mining congress, 11-16 September 2011, Istanbul, Turkey, Vol. III, ISBN 978-605-01-0146-1; 978-605-01-0149-2 (2011), 305-309.
35. Йосифов Д., **Кр. Деделянова**, Ролята на международните държавни и обществени организации в решаването на глобалните екологични проблеми. Proceedings of the International scientific technical conference "Ecology problems in mineral raw-material branch", 28 August-1 September 2011, Varna, Bulgaria, ISBN 978-954-92738-3-0 (2011), 493-502, ID № 4542, <https://nrs.nacid.bg/register/search>.
36. Hristov N., **K. Dedelyanova**, L. Kuzev, IRON OXIDE PIGMENTS ON GOSSANS (IRON CAPS), IV Balkan mining congress, 18-20 October 2011, Ljubljana, Slovenia, ISBN 978-961-269-534-7 (2011), 479-483.
37. Kuzev L., N. Hristov, **K. Dedelyanova**, INFLUENCE OF GRINDING MEDIUM PARAMETERS ON VIBRATORY QUARTZ SAND MILLING, IV Balkan mining congress, 18-20 October 2011, Ljubljana, Slovenia, ISBN 978-961-269-534-7 (2011), 473-477.
38. Даскалов П., В. Иванов, **Кр. Деделянова**, Световната рецесия и минната индустрия на България, сп. Минно дело и геология, 2-3, 2012, (2012), ISSN 0861-5713, 12-16, ID № 2045, <https://nrs.nacid.bg/register/search>
39. Вылканов Н., **Кр. Деделянова Я.**, Д. Йосифов, Экологические

- проблемы минерально-сырьевой отрасли Р Болгарии, Proceedings of the International Scientific readings "White nights - 2012" "Safety problems of XXI Century and Solutions", 5 - 8 June 2012, Kiev, Ukraine, ISBN 978-966-171-548-5 (2012), 113 -125.
40. Геневски В., **Кр. Деделянова**, Экологические проблемы в металлургии Р. Болгарии, Proceedings of the International Scientific readings "White nights - 2012" "Safety problems of XXI Century and Solutions", 5 - 8 June 2012, Kiev, Ukraine, ISBN 978-966-171-548-5 (2012), 126 -134.
41. **Dedelyanova K.**, M. Iliev, V. Mehandzhijski 2012. Comparative industrial research of the potassium amyl and hexyl xanthate in the Ellatzite plant – Republic of Bulgaria. Conference proceedings of the XXVI International Mineral Processing Congress, New Delhi, India, 24-28 September 2012, ISBN: 81-901714-3-7, 1091-1097.
42. Gaydardzhiev S., H. Bouchat, **K. Dedelyanova**, Tz. Voutov, Influence of selected parameters on the flotation of Cu-Mo ore from Ellatzite deposit in Bulgaria use. Conference proceedings of the XXVI International Mineral Processing Congress, New Delhi, India, 24-28 September 2012, ISBN: 81-901714-3-7, (2012), 1541-1548.
43. Kostadinov E., L. Kuzev, T. Damyanov, **K. Dedelyanova**, STUDY OF THE BEHAVIOR OF GRINDING MEDIUM COMPOSED OF TETRABALLPEBS (TBP) IN DRUM MILL. Conference proceedings of the XXVI International Mineral Processing Congress, New Delhi, India, 24-28 September 2012, ISBN: 81-901714-3-7, (2012), 2646-2660.
44. Lubomir Kuzev, Evgeni Kostadinov, Tzvetan Damyanov, **Kremena Dedelyanova**, Nikolay Hristov, Simulation study on fill factor to drum mill by two grinding medium, 23rd International Mining Congress & Exhibition of Turkey, 16-19 April 2013, Antalya, Turkey, ISBN: 978-1-632-66-298-9, (2013), 1483-1489.
45. **K. Dedelyanova**, J. Dimitrov, INVESTIGATION ON THE EFFECTIVENESS OF AIR BUBBLES COLLISION IN VIBRATORY COLUMN FLOTATION MACHINE. XXIII World mining congress, 11-15 August 2013, Montreal, Canada, ISBN 978-1-926872- 15-5, 1926872150 (2013).
46. D. Bastin, S. Gaydardzhiev, S. Jacques, V. Mehandzhijski, **K. Dedelyanova**. THE INFLUENCE OF GRINDING MEDIA STEEL GRADES ON THE FLOTATION OF AN ORE FROM THE ELLATZITE MINE (BULGARIA). Proceedings of XV Balkan mineral processing congress, Sozopol, Bulgaria, 12-16 June 2013, ISBN 978-954-353-218-6 (2013), 159.
47. **Kremena Dedelyanova**, Nikolay Hristov, Lubomir Kuzev. GRINDING OF ANTHRACITE CONCENTRATES IN A VIBRATION MILL, Proceedings of the 17 International coal preparation congress, 1-6 October 2013 Istanbul/Turkey, ISBN 978-605-64231-0-9 (2013), 157-160.
48. **Kremena Dedelyanova**, Julian Dimitrov, An improved model of the

- elementary act of flotation in the vibratory column flotation machine, Proceedings of XXVII International Mineral Processing Congress, Santiago, Chile, 20-24 October 2014, ISBN 978-956- 9393-15-0, Volume 1, (2014), 225-234.
49. Lubomir Kuzev, Evgeni Kostadinov, Tsvetan Damyanov, **Kremena Dedelyanova** and Nikolay Hristov. Comparative experimental study of two grinding media, Proceedings of XXVII International Mineral Processing Congress, Santiago, Chile, 20-24 October 2014, ISBN 978-956-9393-15-0, Volume 1, (2014), 238-248.
50. Lubomir Kuzev, Nikolay Hristov, **Kremena Dedelyanova**, COMPARATIVE STUDY OF GRINDABILITY IN STANDART BOND BALL MILL WITH TWO GRINDING MEDIA – BALLS AND TETRABALLPEBS. Proceedings of XVI BALKAN MINERAL PROCESSING CONGRESS, Belgrade, Serbia, June 17-19, 2015, ISBN 978-86-82673-10-1 (2015), 191 – 196.
51. **K. Dedelyanova**, J. Dimitrov. Impact the Parameter Effect of Vibration on Collision Efficiency in Flotation. PROCEEDINGS OF THE 24th INTERNATIONAL MINING CONGRESS OF TURKEY, April 14-17, 2015 Antalya/TURKEY, ISBN 978-605-01-0705-0, (2015), 742-746.
52. J. Dimitrov, **K. Dedelyanova**. Mathematical Modeling of Elementary Act of Flotation in Vibratory Column Machine. PROCEEDINGS OF THE 24th INTERNATIONAL MINING CONGRESS OF TURKEY, April 14-17, 2015 Antalya/TURKEY, ISBN 978- 605-01-0705-0, (2015), 1241-1245.
53. **Kremena Dedelyanova**, Julian Dimitrov. INVESTIGATION ON THE PRODUCTIVITY OF A VIBRATORY COLUMN FLOTATION MACHINE. 24th World Mining Congress PROCEEDINGS, October 18-21, 2016, Rio de Janeiro, Brazil, ISBN: 978-85-61993-11-5, (2016), 249-258.
54. **Kremena Dedelyanova**, Julian Dimitrov. INVESTIGATIONS ON FROTH STRUCTURE AND BEHAVIOUR IN VIBRATORY COLUMN FLOTATION MACHINE. 25th World Mining Congress PROCEEDINGS, 19 - 22 June 2018, Astana, Kazakhstan, ISSN 2663-2993 (2018), 144-153.
55. **Dedelyanova Kr. Y.** Column flotation machine – innovative aeration, vibratory – acoustic and technological researches - TOPICAL SCIENTIFIC RESEARCHES INTO RESOURCE SAVING TECHNOLOGIES OF MINERAL MINING AND PROCESSING, Multi-authored monograph, ISBN 978-954-353-408-1 (2020), Sofia, 60 - 78.