

PREHĽAD CITÁCIÍ PUBLIKOVANÝCH VEDECKÝCH A ODBORNÝCH VÝSTUPOV

Citácie publikovaných vedeckých a odborných prác - Ing. Július Strigáč, PhD.

I. CITÁCIE Z DATABÁZY WOS ($\Sigma = 12 + 6 = 18$)

Strigáč, J., Krištín, J., Palou, M. T. and Majling, J. "Morphology and chemical composition of minerals inside the phase assemblage $C_2S-C_4A_3\bar{S}-C_4AF-C\bar{S}-C$ relevant to sulphoaluminate belite cements", *Ceramics-Silikáty*, Vol. 44, No. 1, pp. 26-34, 2000 (ISSN 0862-5468 (Print), ISSN 1804-5847 (on-line))

1. Bullerjahn, Frank; Schmitt, Dirk; Ben Haha, Mohsen, Effect of raw mix design and of clinking process on the formation and mineralogical composition of (ternesite) belite calcium sulfoaluminate ferrite clinker, *CEMENT AND CONCRETE RESEARCH* Volume: 59 Pages: 87-95 Published: MAY 2014 (**WOS, aj SCOPUS**)
2. Touzo, Bruno; Scrivener, Karen L.; Glasser, Frederic P., Phase compositions and equilibria in the $CaO-Al_2O_3-Fe_2O_3-SO_3$ system, for assemblages containing ye'elimitite and ferrite $Ca-2(Al,Fe)O-5$, *CEMENT AND CONCRETE RESEARCH* Volume: 54 Pages: 77-86 Published: DEC 2013 (**WOS, aj SCOPUS**)
3. Opravil, Tomas; Ptacek, Petr; Soukal, Frantisek; et al., The synthesis and characterization of an expansive admixture for M-type cements I. The influence of free CaO to the formation of ettringite, *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* Volume: 111 Issue: 1 Pages: 517-526 Published: JAN 2013 (**WOS, aj SCOPUS**)
4. Chen, Irvin A.; Juenger, Maria C. G., Synthesis and hydration of calcium sulfoaluminate-belite cements with varied phase compositions, *JOURNAL OF MATERIALS SCIENCE* Volume: 46 Issue: 8 Pages: 2568-2577 Published: APR 2011 (**WOS, aj SCOPUS**)
5. Kacimi, Larbi; Simon-Masseron, Angelique; Salem, Souria; et al., Synthesis of belite cement clinker of high hydraulic reactivity, *CEMENT AND CONCRETE RESEARCH* Volume: 39 Issue: 7 Pages: 559-565 Published: JUL 2009 (**WOS, aj SCOPUS**)
6. Janotka, Ivan; Krajci, Ludovit; Mojumdar, Subhash C., Performance of sulfoaluminate-belite cement with high $C(4)A(3)(S)$ over-bar content, *CERAMICS-SILIKATY* Volume: 51 Issue: 2 Pages: 74-81 Published: 2007 (**WOS, aj SCOPUS**)
7. Ben Jamaa, Nejib; Maki, Iwao, Characterization of Tunisian Portland cement clinkers by optical microscopy, SEM and microprobe analysis, *ANNALES DE CHIMIE-SCIENCE DES MATERIAUX* Volume: 31 Issue: 4 Pages: 421-430 Published: JUL-AUG 2006 (**WOS, aj SCOPUS**)
8. Mojumdar, SC; Chowdhury, B; Varshney, KG; et al., Synthesis, moisture resistance, thermal, chemical and SEM analysis of Macro-Defect-Free (MDF) cements, *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* Volume: 78 Issue: 1 Pages: 135-144 Published: 2004 (**WOS, aj SCOPUS**)
9. Janotka, I; Krajci, L; Ray, A; et al., The hydration phase and pore structure formation in the blends of sulfoaluminate-belite cement with Portland cement, *CEMENT AND CONCRETE RESEARCH* Volume: 33 Issue: 4 Pages: 489-497 Article Number: PII S0008-8846(02)00994-8 Published: APR 2003 (**WOS, aj SCOPUS**)
10. Dan, E; Janotka, I, Chemical resistance of Portland cement, blast-furnace slag portland cement and sulfoaluminate-belite cement in acid, chloride and sulphate solution: Some

preliminary results, CERAMICS-SILIKATY Volume: 47 Issue: 4 Pages: 141-148
Published: 2003 (WOS, aj SCOPUS)

11. Mojumdar, SC; Ray, A; Drabik, M; et al., Macro-defect-free (MDF) cements with high moisture resistance: Chemical, thermal, SEM and magnetometric study, Conference: 5th International Conference on Solid State Chemistry Location: BRATISLAVA, SLOVAKIA Date: JUL 07-12, 2002, Edited by: Sajgalik, P; Drabik, M; Varga, S, Sponsor(s): Int Union Pure & Appl Chem, SOLID STATE CHEMISTRY V Book Series: SOLID STATE PHENOMENA Volume: 90-91 Pages: 365-370 Published: 2003 (WOS, aj SCOPUS)
12. Mojumdar, SC; Janotka, I, Thermophysical properties of blends from Portland and sulfoaluminate-belite cements, Conference: Themophysics 2001 Conference Location: ROCKOVA DOLINA, SLOVAKIA Date: OCT 23-25, 2001 (WOS)

$\Sigma = 12$

Majling, J., Strigáč, J. and Roy, D. M. "Generalised Bogue computations to forecast the mineralogical composition of sulfoaluminate cements based on fly ashes", *Advances in Cement Research*, Vol. 11, No. 1, pp. 27-34, 1999 (ISSN 0951-7197)

1. Ma, Bing; Li, Xuerun; Shen, Xiaodong; et al., Enhancing the addition of fly ash from thermal power plants in activated high belite sulfoaluminate cement, CONSTRUCTION AND BUILDING MATERIALS Volume: 52 Pages: 261-266 Published: FEB 15 2014 (WOS, aj SCOPUS)
2. Berger, S.; Aouad, G.; Coumes, C. Cau Dit; et al., Leaching of calcium sulfoaluminate cement pastes by water at regulated pH and temperature: Experimental investigation and modeling, CEMENT AND CONCRETE RESEARCH Volume: 53 Pages: 211-220 Published: NOV 2013 (WOS, aj SCOPUS)
3. Champenois, Jean-Baptiste; Coumes, Celine Cau Dit; Poulesquen, Arnaud; et al., Beneficial use of a cell coupling rheometry, conductimetry, and calorimetry to investigate the early age hydration of calcium sulfoaluminate cement, RHEOLOGICA ACTA Volume: 52 Issue: 2 Pages: 177-187 Published: FEB 2013 (WOS, aj SCOPUS)
4. Berger, Stephane; Coumes, Celine Cau Dit; Le Bescop, Patrick; et al., Hydration of calcium sulfoaluminate cement by a ZnCl₂ solution: Investigation at early age, CEMENT AND CONCRETE RESEARCH Volume: 39 Issue: 12 Pages: 1180-1187 Published: DEC 2009 (WOS, aj SCOPUS)
5. Coumes, Celine Cau Dit; Courtois, Simone; Peysson, Sandrine; et al., Calcium sulfoaluminate cement blended with OPC: A potential binder to encapsulate low-level radioactive slurries of complex chemistry, CEMENT AND CONCRETE RESEARCH Volume: 39 Issue: 9 Pages: 740-747 Published: SEP 2009 (WOS, aj SCOPUS)
6. Adolfsson, D.; Menad, N.; Viggh, E.; et al., Steelmaking slags as raw material for sulphoaluminate belite cement, ADVANCES IN CEMENT RESEARCH Volume: 19 Issue: 4 Pages: 147-156 Published: OCT 2007 (WOS, aj SCOPUS)

$\Sigma = 6$

II. CITÁCIE Z DATABÁZY SCOPUS ($\Sigma = 4 + 1 + 2 = 7$)

Vadász, P., Kamod'a, O., Imriš, I., Strigáč, J., 'Influence of alternative fuels on the corrosion of basic refractory lining', *Interceram – International Ceramic Review*, Vol. 58, No. 2-3, pp. 130-135, 2009 (ISSN 0020-5214)

1. Brachhold, N., Schafföner, S., Aneziris, C.G., Investigation of alkali corrosion resistance of potassium aluminosilicates using statistical techniques, (2015) *Ceramics International*, 41 (1), pp. 1447-1456. (SCOPUS)
2. Brachhold, N., Aneziris, C.G., Porous materials for alkali contaminated environments, (2013) *Journal of the European Ceramic Society*, 33 (10), pp. 2013-2021. (SCOPUS)
3. Brachhold, N., Aneziris, C.G., Synthesis of alkali aluminosilicates - Materials for alkali contaminated environments at high temperatures, (2013) *International Journal of Applied Ceramic Technology*, 10 (4), pp. 707-715. (SCOPUS)
4. Aksel'rod, L.M., Development of refractory production in the world and in Russia, new Technologies, (2011) *Refractories and Industrial Ceramics*, 52 (2), pp. 95-106. (SCOPUS)

$\Sigma = 4$

Strigáč, J., Krištín, J., Palou, M. T. and Majling, J. "Morphology and chemical composition of minerals inside the phase assemblage $C_2S-C_4A_3\bar{S}-C_4AF-C\bar{S}-C$ relevant to sulfoaluminate belite cements", *Ceramics-Silikáty*, Vol. 44, No. 1, pp. 26-34, 2000 (ISSN 0862-5468 (Print), ISSN 1804-5847 (on-line))

1. Mojumdar, S.C., Janotka, I., Thermophysical properties of blends from Portland and sulfoaluminate-belite cements, (2002) *Acta Physica Slovaca*, 52 (5), pp. 435-446. (SCOPUS)

$\Sigma = 1$

Majling, J., Strigáč, J. and Roy, D. M. "Generalised Bogue computations to forecast the mineralogical composition of sulfoaluminate cements based on fly ashes", *Advances in Cement Research*, Vol. 11, No. 1, pp. 27-34, 1999 (ISSN 0951-7197)

1. Chatterjee, A.K., Re-examining the potential of calcium sulfoaluminate cements from the perspective of versatility, durability and GHG emission, (2010) *Indian Concrete Journal*, 84 (11), pp. 7-19. (SCOPUS)
2. Brooks, R., Bahadory, M., Tovia, F., Rostami, H., Properties of alkali-activated fly ash: High performance to lightweight, (2010) *International Journal of Sustainable Engineering*, 3 (3), pp. 211-218. (SCOPUS)

$\Sigma = 2$

III. KNIŽNÉ CITÁCIE (Zahraničné) ($\Sigma = 1 + 1 + 1 = 3$)

Strigáč, J., Sahu, S., Lopašovská, M., Ďurovčíková, R, Kovár, V. and Majling, J. "Phase compatibility in the system $CaO - SiO_2 - Al_2O_3 - SO_3$ ", *Ceramics-Silikáty*, Vol. 42, No. 3, pp. 90-98, 1998 (ISSN 0862-5468 (Print), ISSN 1804-5847 (on-line))

1. Raphael Tixier and Barzin Mobasher, "BLENDED AND MODIFIED CEMENTS, CHAPTER 5, in Article 3. CALCIUM SULFO-ALUMINATE CEMENTS (as reference [371])", Arizona State University, Department of Civil and Environmental Engineering, Tempe, Arizona, USA, *Cements Research Progress*, 1998, American Ceramic Society (http://enpub.fulton.asu.edu/cement/back_up_presentations/Blended_cements/blended_cements_1998_a.htm); (http://enpub.fulton.asu.edu/cement/blended_cems.htm)

Ďalšie vydania knižky:

- 1) Tixier, R. and Mobasher, B., "Blended Cements", Chapter 6, Cements Research Progress, 1997. Editor: L. Struble. American Ceramic Society, 1999. pp. 153-212.
- 2) Tixier, R. and Mobasher, B., "Blended Cements", Chapter 6, Cements Research Progress, 1998. Editor: L. Struble. American Ceramic Society, 2000.

Strigáč, J. and Majling, J. "Phase composition development of calcium sulphoaluminate belite cement in the SO_x atmosphere", World Cement, Vol. 28, No. 1, pp. 82-86, 1997 (ISSN 0263-6050)

1. Odler, I., "Special Inorganic Cements pp. 1-376", "Chapter 4. Cements containing calcium sulfoaluminate pp. 63-81, Subchapter 4.5 Sulfoaluminate cement (as reference on p. 80)", First published 2000 by E & FN Spon London, Simultaneously New York, © 2000 Ivan Odler, This edition published in the Taylor & Francis e-Library, 2005 (ISBN 0-203-30211-7 Master e-book ISBN, ISBN 0-203-34175-9 Adobe e-Reader Format, 0-419-22790-3 Print Edition); (Taylor & Francis e-Library, Ivan Odler, Copyright © 2004 Routledge, Print ISBN: 9780419227908, eBook ISBN: 9780203302118, Adobe ISBN: 9781135811044,
<http://www.tandfebooks.com/action/showBook?doi=10.4324/9780203302118>)

Majling, J., Strigáč, J. and Roy, D. M. "Generalised Bogue computations to forecast the mineralogical composition of sulfoaluminate cements based on fly ashes", Advances in Cement Research, Vol. 11, No. 1, pp. 27-34, 1999 (ISSN 0951-7197)

1. Barnes, P. and Bensted, J., "Structure and Performance of cements", Second Edition, pp. 1-565, "Chatterjee, A., K., Chapter VI., Special cements, pp. 186 - 236, Subchapter 6. 8. 1., Calcium sulpho aluminate cements, pp. 227 – 236 (as reference [85])", P. Barnes and J. Bensted [editors]. – 2nd ed., First published 2002 by Spon Press London, Simultaneously New York, This edition published in the Taylor & Francis e-Library, 2008 (ISBN 0-203-47778-2 Master e-book ISBN, ISBN 0-203-78602-5 Adobe eReader Format, 0-419-23330-X Print Edition); (Taylor & Francis e-Library, 2nd Edition P. Barnes and J. Bensted, Copyright © 2001 Routledge, Print ISBN: 9780419233305, eBook ISBN: 9780203477786, Adobe ISBN: 9781135809010,
<http://www.tandfebooks.com/action/showBook?doi=10.4324/9780203477786>)

$\Sigma = 3$

IV. INÉ CITÁCIE (Zahraničné) ($\Sigma = 6 + 1 + 4 + 4 + 5 + 2 + 5 + 1 = 28$)

Strigáč, J. and Majling, J. "Phase composition development of calcium sulphoaluminate belite cement in the SO_x atmosphere", World Cement, Vol. 28, No. 1, pp. 82-86, 1997 (ISSN 0263-6050)

1. Horkoss, Sayed, 'OPC with high SO₃', World Cement, Vol. 35, No. 6, pp. 71-74, 2004 (ISSN 0263-6050)
2. Đopar, Marina, 'Priprava i svojstva sulfoaluminatnog cementa', Diplomski Rad, Sveučilište u Zagrebu, Fakultet kemijskog inženjerstva i tehnologije, Sveučilišni diplomski studij, Zagreb, Hrvatska, pp. 1-74, lipanj 2011
3. Fabiano Raupp Pereira, 'Valorização de resíduos industriais como fonte alternativa mineral: composições cerâmicas e cimentíceas', Doutoramento em Ciência e Engenharia

de Materiais, Departamento de Engenharia Cerâmica e do Vidro, Universidade de Aveiro, Aveiro, Portugal, pp. 1-267, 2006

4. Peysson Sandrine, 'Contribution à l'étude de la Stabilisation de Déchets par du Ciment Sulfo-alumineux', Thèse présentée devant L'Institut National des Sciences Appliquées de Lyon pour obtenir le grade de docteur, Ecole doctorale : MEGA, Spécialité: Génie Civil, Institut National des Sciences Appliquées de Lyon, Lyon, France pp. 1-262, 2005
5. Čale Ana, Hruška Tamara, Samac Lucija, 'Zbrinjavanje Industrijskog Otpada Pri Proizvodnji Specijalnog Anorganskog Cementa', Fakultet Kemijskog Inženjerstva I Tehnologije, Sveučilište U Zagrebu, Zagreb, Hrvatska, pp. 1-53, 2011
6. Palou, M. T., Ghorab, H. Y., Ayadi, A., 'Development and application of low-energy cements', In Proceeding of the 2nd Int. Conf. African Materials Research Society, 8th to 11th December 2003, published by University of Witwatersand Johannesburg, South Africa, Ed. Y. Ballim, A.G. Every, S. Lucky, D.C. Levendis, pp. 73-74, 2004 (ISBN 0-620-31513-X)

$\Sigma = 6$

Strigáč, J., Sahu, S. and Majling, J. "Phase compatibility in the systems CaO - SiO₂ - Fe₂O₃ - SO₃, CaO - Al₂O₃ - Fe₂O₃ - SO₃ and SiO₂ - Al₂O₃ - Fe₂O₃ - SO₃", *Ceramics-Silikáty*, Vol. 42, No. 4, pp. 141-149, 1998 (ISSN 0862-5468 (Print), ISSN 1804-5847 (online))

1. Korndörfer Joachim, 'Untersuchungen zur Herstellung eines hydraulischen Bindemittels auf der Basis eines Rückstandes des Bergbaus von lateritischen Erzen' Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium (Dr. rer. nat.), Mathematisch-Naturwissenschaftlich-Technischen Fakultät (mathematisch-naturwissenschaftlicher Bereich) der Martin-Luther-Universität Halle-Wittenberg, pp. 1-124, 2000

$\Sigma = 1$

Majling, J., Strigáč, J. and Roy, D. M. "Generalised Bogue computations to forecast the mineralogical composition of sulfoaluminate cements based on fly ashes", *Advances in Cement Research*, Vol. 11, No. 1, pp. 27-34, 1999 (ISSN 0951-7197)

1. Brooks, R., Bahadory, M., Tovia, F., Rostami, H., 'Properties of alkali-activated fly ash: high performance to lightweight', *International Journal of Sustainable Engineering*, Vol. 3, No. 3, pp. 211-218, 2010
2. Chen Irvin Allen, 'Synthesis of Portland Cement and Calcium Sulfoaluminate-Belite Cement for Sustainable Development and Performance', Dissertation presented to the Faculty of the Graduate School of The University of Texas at Austin in Partial Fulfillment of the Requirements for the Degree of Doctor of Philosophy, Faculty of the Graduate School, The University of Texas at Austin, Austin, USA, pp. 1-214, 2009
3. Adolfsson Daniel, 'Steelmaking Slags as Raw Material for Sulphoaluminate Belite Cement', Licentiate Thesis, Division of Process Metallurgy, Department of Chemical Engineering and Geosciences, Luleå University of Technology, Luleå, Sweden, pp. 1-109, 2006 (2006:72, ISSN: 1402-1757, ISRN: LTU-LIC-06/72-SE)
4. Palou, M. T., Ghorab, H. Y., Ayadi, A., 'Development and application of low-energy cements', In Proceeding of the 2nd Int. Conf. African Materials Research Society, 8th to 11th December 2003, published by University of Witwatersand Johannesburg, South Africa, Ed. Y. Ballim, A.G. Every, S. Lucky, D.C. Levendis, pp. 73-74, 2004 (ISBN 0-620-31513-X)

$\Sigma = 4$

Strigáč, J., Krištín, J., Palou, M. T. and Majling, J. "Morphology and chemical composition of minerals inside the phase assemblage $C_2S-C_4A_3\bar{S}-C_4AF-C\bar{S}-C$ relevant to sulphoaluminate belite cements", *Ceramics-Silikáty*, Vol. 44, No. 1, pp. 26-34, 2000 (ISSN 0862-5468 (Print), ISSN 1804-5847 (on-line))

1. Janotka, I., Krajčí, L., Passivation ability of the mortars containing different cement kinds', Proceedings of the 4th International Conference Non-Traditional Cement & Concrete, June 27–30, 2011, Brno, Czech republic, Brno University of Technology & ŽPSV, a.s. Brno, Ed. by Bílek V. and Keršner Z., pp. 342 - 351, 2011 (ISBN 978-80-214-4301-3)
2. Bullerjahn, F., Schmitt, D., Ben Haha, M., 'Effect of raw mix design and of clinkering procedure on the formation and mineralogical composition of (ternesite) belite calcium sulphoaluminate ferrite clinker', Proceedings of 1st International Conference on the Chemistry of Construction Materials, 7 – 9th October 2013, The GDCh-Division of the Chemistry of Construction Chemicals, Technical University in Berlin, GDCh-Monograph Vol. 46, Berlin, Germany, pp 139-142, 2013, (ISBN 978-3-936028-75-1)
3. Chen Irvin Allen, 'Synthesis of Portland Cement and Calcium Sulfoaluminate-Belite Cement for Sustainable Development and Performance', Dissertation presented to the Faculty of the Graduate School of The University of Texas at Austin in Partial Fulfillment of the Requirements for the Degree of Doctor of Philosophy, Faculty of the Graduate School, The University of Texas at Austin, Austin, USA, pp. 1-214, 2009
4. Mojumdar, S.C., 'Thermal properties, environmental deterioration and applications of macro-defect-free cements', *Research Journal of Chemistry and Environment*, Vol. 9, No. 3. pp. 23-27, 2005

$\Sigma = 4$

Martauz, P., Strigáč, J., Orság, Z., Tiso, I., Gach, F., Ježo, L., a Ivanka, V., 'Způsob likvidace upravených organických odpadů, zejména masokostních mouček, odpadových tuků a jiných zpracovaných veterinárních odpadů živočišného původu, spalováním v cementářské rotační peci', Patent CZ 291729 B6, pp. 1-9, 2001, Česká republika

1. Staněk, T., Sulovský, P., Tomancová, L., 'ZMĚNY FÁZOVÉHO SLOŽENÍ SLÍNKU S OBSAHEM P_2O_5 ', Zborník z konferencie VI. odborná konferencie MALTOVINY 2007, Brno 13. 12. 2007, pp. 187-198, 2007 (ISBN 978-80-214-3520-9)
2. Staněk, T., Sulovský, P., 'P20 The influence of P_2O_5 on the formation of portland cement clinker', Chapter 4., 4.1 Lectures, Chemistry of Inorganic Materials pp. s265–s1311, Chem. Listy, 102, P20, pp. s906–s907, 2008
3. Staněk, T., Sulovský, P., 'Způsob využití tuhých organických odpadů s vysokým obsahem fosforu', Patent CZ 302490 B6, pp. 1-7, 2010
4. Staněk, T., Sulovský, P., 'Nové možnosti při spalování masokostní moučky v cementářské rotační peci', Zborník z 2. ročníka odborné konference - Výsledky výzkumu, vývoje a inovací pro obnovitelné zdroje energie (OZE 2011), 13. - 15. dubna 2011, Kouty nad Desnou, Hotel Dlouhé stráně, Česká republika, České ekologické manažerské centrum (CEMC) a jeho odborný časopis Alternativní energie, pp. 1-8, 2011
5. Staněk, T., Sulovský, P., 'Masokostní moučka - nové možnosti využití v cementářském průmyslu', Zborník z V. odborný seminář – Kvalita cementu 2011, 24. - 25. března 2011, Valtice, Hotel Hubertus, Česká republika, Edit.VUSTAH – Výzkumný ústav stavebních hmot a.s. Brno, pp. 5-24, 20

$\Sigma = 5$

Martauz, P., Strigáč, J., Orság, Z., 'Method of producing a cement with reduced content of chromium', Európsky patent EP 1 092 690 B1, pp. 1-7, 1999

1. Egocheaga Rodriguez, J. C., Timurovich Babaeb, S., Cano Castro, R., 'An additive product for the reduction of chromium (VI) in cements', Patent Application Number: EP20060380328, 2006
2. Cerulli, T., Magistri, M., Bravo, Anna, Nicodemi, Michele, Morchio, Federico, Squinzi, Marco, 'Additive for the manufacture of cement free of soluble chromates', EP 1 661 871 A1, 2004

$\Sigma = 2$

Strigáč, J., Krištín, J., Sahu, S., Palou, M. T. and Majling, J. "An approach to refine the Bogue's phase composition of sulphoaluminate belite cement", Proceedings of 10th International Congress on the Chemistry of Cement, 2-6th June 1997, Gothenburg – Sweden, Ed. By Dr. H. Justnes SINTEF Trondheim Norway, Vol. 3, 3v009, pp 1-7 (Prednáška, zborník) (ISBN 91-630-5497-3)

1. Janotka, I., Krajčí, L., Mojumdar, S. C., 'Performance of sulphoaluminate-belite cement with high $C_4A_3\bar{S}$ content', Ceramics – Silikáty, Vol. 51, (2), pp. 74-81, 2007
2. Juenger, M., Chen, I., 'Composition-Property Relationships in Calcium Sulfoaluminate Cements', Proceeding of 13th International Congress on the Chemistry of Cement, 3 – 8th July 2011, Madrid, Spain, Eds. Á. Palomo, A. Zaragoza, J. C. López Agüí, Instituto de Ciencias de la Construcción "Eduardo Torroja". CSIC, p. 133 (on CD), Paper No. 133-Juenger, M., pp. 1-7, 2011 (ISBN: Obra completa 978-84-7292-399-7 / Cd 978-84-7292-400-0) (Poster, zborník)
3. Krajčí, L., Janotka, I., Kraus, I., Jamnický, P., 'Burnt kaolin sand as pozzolanic material for cement hydration', Ceramics – Silikáty, Vol. 51, (4), pp. 217-224, 2007
4. Janotka, I., Krajčí, L., Ray, A., Mojumdar, S.C., 'The hydration phase and pore structure formation in the blends of sulfoaluminate-belite cement with Portland cement', CEMENT AND CONCRETE RESEARCH, Volume: 33, No. 4, pp. 489-497, 2003
5. Chen Irvin Allen, 'Synthesis of Portland Cement and Calcium Sulfoaluminate-Belite Cement for Sustainable Development and Performance', Dissertation presented to the Faculty of the Graduate School of The University of Texas at Austin in Partial Fulfillment of the Requirements for the Degree of Doctor of Philosophy, Faculty of the Graduate School, The University of Texas at Austin, Austin, USA, pp. 1-214, 2009

$\Sigma = 5$

Martauz, P., Strigáč, J., 'BIOTRIX revolutionary ecotechnology for meat-bone meal coincineration at rotary kiln cement plant Ladce', Proceeding of 7th International Technical Conference - CEMENT 2005, 23-25th May 2005, Přerov, Czech Republik, Edit. PSP Engineering a.s. Přerov, pp. 1-18, 2005

1. Events, Internationale Zementkonferenz Prerov/Tschechische Republik (23.-25.05.2005), Cement International Conference Prerov/Czech Republic (23.-25.05.2005), ZKG INTERNATIONAL, Vol. 58, No. 8, pp. 22-23, 2005

$\Sigma = 1$

V. INÉ CITÁCIE (Domáce) ($\Sigma = 2 + 1 + 1 + 1 = 5$)

Strigáč, J., Krištín, J., Palou, M. T. and Majling, J. "Morphology and chemical composition of minerals inside the phase assemblage $C_2S-C_4A_3\bar{S}-C_4AF-C\bar{S}-C$ relevant to sulphoaluminate belite cements", *Ceramics-Silikáty*, Vol. 44, No. 1, pp. 26-34, 2000 (ISSN 0862-5468 (Print), ISSN 1804-5847 (on-line))

1. Mojumdar, S. C., Janotka, I., 'Thermophysical properties and applications of macro-defect-free cements', Proceedings of the Meeting "THERMOPHYSICS 2001" of the Thermophysical Society, Working Group of the Slovak Physical Society, Račkova dolina, Slovakia, October 23, 2001, Issued by Constantine the Philosopher University in Nitra, Ed. Vozár L., pp. 91-98, 2001 (ISBN 80-8050-491-1, EAN 9788080504915)
2. Številová, N., Fil'ková, I., 'Belitické cementy z alternatívnych surovín', Vedecká monografia, Vydavateľ: Technická univerzita v Košiciach, Stavebná fakulta, Tlač: Univerzitná knižnica TU v Košiciach, Košice 2012, ISBN 978-80-553-1212-5

$\Sigma = 2$

Martauz, P., Strigáč, J., Orság, Z., Tiso, I., Gach, F., Ježo, Ľ., a Ivanka, V., 'Způsob likvidace upravených organických odpadů, zejména masokostních mouček, odpadových tuků a jiných zpracovaných veterinárních odpadů živočišného původu, spalováním v cementářské rotační peci', Patent CZ 291729 B6, pp. 1-9, 2001, Česká republika

1. Staněk, T., Sulovský, P., Tomancová, L. 'Možnosti přípravy cementu s vysokým obsahem P_2O_5 ', Zborník medzinárodnej konferencie CEMENT 2008 – Inovačné trendy vo výrobe stavebných látok, 15. – 17. Október 2008, Stará Lesná, Vysoké Tatry, Slovenská republika, Edit. Cemdesign s.r.o. Trenčín, p. D-1 – D-14, 2008

$\Sigma = 1$

Strigáč, J., Krištín, J., Sahu, S., Palou, M. T. and Majling, J. "An approach to refine the Bogue's phase composition of sulphoaluminate belite cement", Proceedings of 10th International Congress on the Chemistry of Cement, 2-6th June 1997, Gothenburg – Sweden, Ed. By Dr. H. Justnes SINTEF Trondheim Norway, Vol. 3, 3v009, pp 1-7 (Prednáška, zborník) (ISBN 91-630-5497-3)

1. Mojumdar, S. C., Janotka, I., 'Thermophysical properties of blends from portland and sulfoaluminate-belite cements', *Acta Physica Slovaca*, Vol. 52, No. 5, October 2002, pp. 435 – 446, 2002

$\Sigma = 1$

Martauz, P. a Strigáč, J., '120 rokov výroby cementu v Ladcoch', Zborník 8. celoštátneho odborného semináru SILITECH 2010, 28. Mája 2010, Gabčíkovo, Slovenská republika, Edit. STU v Bratislave FCHPT KKSC a SSiS ZS VTS, str. 1-6, (ISBN 978-80-277-3299-4)

1. Številová, N., Fil'ková, I., 'Belitické cementy z alternatívnych surovín', Vedecká monografia, Vydavateľ: Technická univerzita v Košiciach, Stavebná fakulta, Tlač: Univerzitná knižnica TU v Košiciach, Košice 2012, ISBN 978-80-553-1212-5

$\Sigma = 1$

Citácie celkovo $\Sigma = 61$:

**WOS ($\Sigma = 12 + 6 = 18$) + SCOPUS ($\Sigma = 4 + 1 + 2 = 7$) + KNIŽNÉ CITÁCIE (Zahraničné) ($\Sigma = 1 + 1 + 1 = 3$) + INÉ CITÁCIE (Zahraničné) ($\Sigma = 6 + 1 + 4 + 4 + 5 + 2 + 5 + 1 = 28$) + INÉ CITÁCIE (Domáce) ($\Sigma = 2 + 1 + 1 + 1 = 5$)
 $\Sigma = 18 + 7 + 3 + 28 + 5 = 61$**

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