

- Alber M, Fritschen R, Bischoff M, et al., 2009:** Rock mechanical investigations of seismic events in a deep longwall coal mine. INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, Volume: 46, Issue: 2, 408-420.
- Chen O, Zhang CM, Zhang YF, et al., 2009:** Pattern Recognition by DTW and Series Data Mining in 3D Stratum Modelling and 3D Visualization. 5th International Conference on Fuzzy Systems and Knowledge Discovery, OCT 18-20, 2008 Jinan, PEOPLES R CHINA, FIFTH INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS AND KNOWLEDGE DISCOVERY, VOL 5, PROCEEDINGS, 650-654.
- EI-Sebakhy EA, 2009:** Data mining in forecasting PVT correlations of crude oil systems based on Type1 fuzzy logic inference systems. COMPUTERS & GEOSCIENCES, Volume: 35, Issue: 9, 1817-1826.
- Guo MM, Zhou KP, 2009:** Virtual Reality Simulation System for Underground Mining Process. 4th International Conference on Computer Science and Education, JUL 25-28, 2009 Nanning, PEOPLES R CHINA, ICCSSE 2009: PROCEEDINGS OF 2009 4TH INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE & EDUCATION, 1013-1017.
- Hadjigeorgiou J, Esmaili K, Grenon M, 2009:** Stability analysis of vertical excavations in hard rock by integrating a fracture system into a PFC model. TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, Volume: 24, Issue: 3, 296-308.
- Hao XQ, Li ZX, Bin M, et al., 2009:** Study on Fault Modelling Method based on TIN and geology maps of mine. 7th International Symposium on Rockburst and Seismicity in Mines, AUG 21-23, 2009 Dalian, PEOPLES R CHINA, CONTROLLING SEISMIC HAZARD AND SUSTAINABLE DEVELOPMENT OF DEEP MINES: 7TH INTERNATIONAL SYMPOSIUM ON ROCKBURST AND SEISMICITY IN MINES (RASIM7), VOL 1 AND 2, 1017-1024.
- Jelinek J, Stanek F, Honek J, et al., 2009:** Modelling of seam bases and tectonic faulting of Dubnany and Kyjov lignite seams. ACTA MONTANISTICA SLOVACA, Volume: 14, Issue: 1, 62-74.
- Kim CS, Lim HS, 2009:** Sediment dispersal and deposition due to sand mining in the coastal waters of Korea. 13th Biennial Conference on the Physics of Estuaries and Coastal Seas (PECS), SEP, 2006 Astoria, OR, CONTINENTAL SHELF RESEARCH, Volume: 29, Issue: 1 Special Issue: Sp. Iss. SI, 194-204.
- Li XM, Zhang CM, Zhang CQ, 2009:** A Modification to MC Algorithm Using Data Mining Technique. 5th International Conference on Fuzzy Systems and Knowledge Discovery, OCT 18-20, 2008 Jinan, PEOPLES R CHINA, FIFTH INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS AND KNOWLEDGE DISCOVERY, VOL 4, PROCEEDINGS, 295-299.
- Luo DA, Wang YM, 2009:** Mining wooden pillar features from point cloud. International Conference on Information Technology and Computer Science, JUL 25-26, 2009 Kiev, UKRAINE, ITCS: 2009 INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND COMPUTER SCIENCE, PROCEEDINGS, VOL 2, PROCEEDINGS, 65-68.
- Malehmir A, Thunehed H, Tryggvason A, 2009:** The Paleoproterozoic Kristineberg mining area, northern Sweden: Results from integrated 3D geophysical and geologic modeling, and implications for targeting ore deposits. GEOPHYSICS, Volume: 74, Issue: 1, B9-B22.
- Narasimha R, Ouyang H, Gray A, et al., 2009:** Automatic joint classification and segmentation of whole cell 3D images. PATTERN RECOGNITION, Volume: 42, Issue: 6, 1067-1079.

- Perianez R, 2009:** Environmental modelling in the Gulf of Cadiz: Heavy metal distributions in water and sediments. SCIENCE OF THE TOTAL ENVIRONMENT, Volume: 407, Issue: 10, 3392-3406.
- Rayan A, Hegaze M, Raiyn J, 2009:** How much Bovine Rhodopsin crystal structure is useful for modeling human GPCRS? Beta 2-Adrenergic Receptor as a Test Case. 2nd International Conference on Bio-Inspired Systems and Signal Processing, JAN 14-17, 2009 Oporto, PORTUGAL, BIOSIGNALS 2009: PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BIO-INSPIRED SYSTEMS AND SIGNAL PROCESSING, 291-298.
- Ribeiro DT, Costa JFCL, Vidigal M, et al., 2009:** Predicting Iron Ore Losses and Dilution Factors Using Conditional Simulations. Iron Ore Conference 2009, JUL 27-29, 2009 Perth, AUSTRALIA, IRON ORE 2009 PROCEEDINGS, Australasian of Mining and Metallurgy Publication, 309-315.
- Robins NS, Davies J, Dumpleton S, 2009:** Groundwater flow in the South Wales coalfield: historical data informing 3D modelling. QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY, Volume: 41, 477-486, Part 4.
- Sultan SA, Mansour SA, Santos FM, et al., 2009:** Geophysical exploration for gold and associated minerals, case study: Wadi El Beida area, South Eastern Desert, Egypt. JOURNAL OF GEOPHYSICS AND ENGINEERING, Volume: 6, Issue: 4, 345-356.
- Vizintin G, Veselic M, Bombac A, et al., 2009:** THE DEVELOPMENT OF A "DRIVE-IN" FILTERS DEWATERING SYSTEM IN THE VELENJE COAL MINE USING FINITE-ELEMENT MODELLING. ACTA GEOTECHNICA SLOVENICA, Volume: 6, Issue: 1, 50-63.
- Wycisk P, Hubert T, Gossel W, et al., 2009:** High-resolution 3D spatial modelling of complex geological structures for an environmental risk assessment of abundant mining and industrial megasites. COMPUTERS & GEOSCIENCES, Volume: 35, Issue: 1, 165-182.
- Yin XW, Qian WX, Xie LY, et al., 2009:** Program Design of Key Parametric Modeling Based on 3D Softwares. 4th International Conference on Computer Science and Education, JUL 25-28, 2009 Nanning, PEOPLES R CHINA, ICCSSE 2009: PROCEEDINGS OF 2009 4TH INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE & EDUCATION, 967-970.
- Zhang M, Yang WN, Luo ZY, et al., 2009:** Complicated Geologic Body Modeling and Visualization Technique Based on Quasi Tri-prism. WRI International Conference on Communications and Mobile Computing, JAN 06-08, 2009 Kunming, PEOPLES R CHINA, 2009 WRI INTERNATIONAL CONFERENCE ON COMMUNICATIONS AND MOBILE COMPUTING: CMC 2009, VOL 2, 203-210.