

# СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ И ЦИТИРАНИЯ на доцент д-р. Ценка Христова

**Обща информация:**

**Монографии и статии в монографични списания: 1**

**Автореферат: 1**

**Научни публикации – 52, както следва:**

- **Публикации в научни списания: 20** в международни списания (**18** с импакт фактор, общ импакт фактор **20.444**; **5** самостоятелни и **15** в съавторство); **13** в български списания (в съавторство);

- **Публикации в научни сборници – 19: 14** в международни (**3** самостоятелни), **5** в български издания;

- **Научно популярни статии: 3**

**Цитатите са дадени с по-дребен шрифт под съответната статия**

**Цитирани публикации: 27;**

**Брой цитати: 236**, от които **196** в международни издания (**118 с импакт фактор**). Общ импакт фактор на цитиранията **304.618**; **40** цитирания в български издания.

## **I. ПУБЛИКАЦИИ В МОНОГРАФИЧНИ ИЗДАНИЯ**

**M1. Simeonova S., Solakov D., Christova C., Babachkova B., Asparuhova I., Donkova K., Botev E., Glavcheva R., Dineva S., 1993. Bulgarian Catalogue of Earthquakes 1981 - 1990, Bulgarian Academy of Sciences, Geophys. Inst. Seism. Dăpt., Eds. D.E. Solakov and S.D. Simeonova, Sofia, 1993, 38 pp.**

C1. Рангелов Б., Господинов Д., 1994. Сеизмична активност след земетресението от 31.03.1901 година в района на Шабла-Калиакра. БГС, XX, 2, 44-49.

C2. Paskaleva I., Rangelov B., Knoll P., Kowalle G. and Kouteva M., 1994. Investigations related to tectonics and possible induced seismicity of a salt mine district in Bulgaria. Proc. XXIV Gen. Ass. ESC, vIII, Athens, 1319-1326.

C3. Orozova-Stanishkova I., Costa G., Vaccari F. and Suhadolc P., 1994. Estimates of 1 Hz maximum ground acceleration in Bulgaria for seismic risk reduction purposes. Proc. XXIV Gen. Ass. ESC, vIII, Athens, 1387-1388.

C4. Stucchi M., Bonin J., 1994. Earthquake catalogues in Europe: a GSHAP survey. Proc. XXIV Gen. Ass. ESC, vIII, Athens, 1559-1569.

C5. Рангелов Б., 1995. Някои опасни екзотични геофизични явления в България БГС, XXI, 1, 78-83.

C6. Paskaleva I., Manev G., Kouteva M., 1995. Seismomechanical behaviour of the Mirovo salt diapir (Bulgaria). Ucuncu Ulusal Deprem Muhendisligi Konferansi, Istanbul Turkey, 1995, 275-283.

C7. Knoll P., Schrieber B., Kowalle G., Rother K., Paskaleva I., Kouteva M., 1995. Analysis of Dynamic Stability of a System of Caverns In the Salt Diapir of Provadia, Bulgaria. In: Proceedings of the 8th Congress on Rock Mechanics, September 25 - 29, 1995, Tokyo, Japan, 9pp.

C8. van Eck T. and Stoyanov T., 1996. Seismotectonics and seismic hazard modeling for Southern Bulgaria. Tectonophysics, 262, 77-100. **imp.f - 1.155**

C9. Orozova-Stanishkova I., Costa G., Vaccari F. and Suhadolc P., 1996. Estimates of 1 Hz maximum acceleration in Bulgaria for seismic risk reduction purposes., Tectonophysics. 258, 263-274. **imp.f. 1.155**

C10. Orozova-Stanishkova I., Costa G., Vaccari F. and Suhadolc P., 1996, Deterministic estimates of the seismic hazard in Bulgaria, Seismicity of the Carpatho-Balkan region, Proc. XV Congress of the Carpatho-Balkan Geol. Assoc. September 17-20 1995, Athens, Greece, p. 183-185.

C11. Алексиев Г., Георгиев Ц., 1996. Геодинамични проблеми на Краищенско-Средногорската морфоструктурна зона. Проблеми на Географията, БАН, 4, 11-21.

C12. Христосков Л., 1996. Основни етапи и тенденции в развитието на българската сеизмология. БГС, XXI, 2, 12-25.

C13. Knoll P., Kowalle G., Rother K., Schrieber B. and Paskaleva I., 1996. Analysis of microtremors within the Provadia region near a salt leaching mine. Pure Appl. Geophys, 147, 2, 389-407. **imp.f. 0.84**

C14. Matova M., Spiridonov H., Rangelov B., Petrov P., 1996. Major Active Faults in Bulgaria. J. Earth. Pred. Res., 5, 3, 436-9.

C15. Matova M., 1997. About some natural and man-made seismic manifestation in Bulgaria and N Algeria. Eng. Geol. and Environment (Marinos, Koukis, Tsimbaos & Stoumanas eds). Balkema, Roffendam, 859-864.

- C16. Shanov S. and Dobrev N., 1997. Impact of the seismic processes on the movements along the Krupnik fault zone (SW Bulgaria). *Comptes rendus de l'Academie bulgare des Sciences*, t. 50, 6, 95-98.
- C17. Христосков Л., 1998. 70 години от земетресенията в Чирпан и Пловдив през 1928 година. Сб. докл. от симп. "Геодинамични изследвания, свързани със земетресенията от 1928 г. в Чирпан-Пловдив", 9 октомври 1998 г., 5-21.
- C18. Рангелов Б., Паскалева И., Кутева М., 1998. Максимални ускорения на земетресенията в района Пловдив-Чирпан през 1928г. Сб. докл. от симп. "Геодинамични изследвания, свързани със земетресенията от 1928 г. в Чирпан-Пловдив", 9 октомври 1998 г., 67-76.
- C19. Рангелов Б., Паскалева, И, 1998. Елементи на геотектонската обстановка и възстановяване на максимални ускорения от силните земетресения през 1928 г. Сб. докл. от симп. "Геодинамични изследвания, свързани със земетресенията от 1928 г. в Чирпан-Пловдив", 9 октомври 1998 г., 150-155.
- C20. Matova M., 1998. Seismic active blocks in the region of Sofia city and its surroundings. Proc. of the II WG Meeting of Int. UNESCO-BAS Project on Land Subsidence, 10-16.
- C21. Христосков Л., 1999. Преглед върху основните огнищни параметри на силните земетресения от 1904 г. в Струмската сеизмична зона. "Геодинамични изследвания, свързани със земетресенията от 1904 г. в Крупник-Кресна", Сб. докл., Благоевград, 5-14.
- C22. Матова М., Ангелова Д., 1999. Неотектонски и сеизмотектонски бележки за грабените в Струмската разломна зона. "Геодинамични изследвания, свързани със земетресенията от 1904 г. в Крупник-Кресна", Сб. докл., Благоевград, 95-196.
- C23. Шанов С., Добрев Н., 1999. Реконструкция на тектонското поле на напреженията в епицентралната зона на Крупнишкото земетресение от 04.04.1904. год. "Геодинамични изследвания, свързани със земетресенията от 1904 г. в Крупник-Кресна", Сб. докл., Благоевград, 117-124.
- C24. Kostak, B., Dobrev N., Zika P. and Ivanov P., 1999. Joint monitoring on a rock base bearing an historical bas-relief. *Quarterly J. of Eng. Geol. and Hydrogeol.*, 31, 1, 37-45. **imp.f 0.5**
- C25. Добрев Н., Кошяк Б., 1999. Тектонски и склонови движения в южната част на Симилийския грабен и неговата рамка, установени при екстензометричен мониторинг. "Геодинамични изследвания, свързани със земетресенията от 1904 г. в Крупник-Кресна", Сб. докл., Благоевград, 125-136.
- C26. Паскалева И., Рангелов Б., 1999. Спектрално временен подход за оценка на сеизмичния риск в района на Кресна. "Геодинамични изследвания, свързани със земетресенията от 1904 г. в Крупник-Кресна", Сб. докл., Благоевград, 215-222.
- C27. Moberley, M., 1999. *Astronomical equipment for amateurs*. Springer-Verlag London Limited, pp 266.
- C28. Toteva T., 1999. Recent seismicity in Kresna region and surroundings. Second Balkan Geophysical Congress and Exhibition, July 5-9, Istanbul, Turkey, p.69
- C29. Toteva T., Rizhikova Sn., Rangelov B., 2000. Recent seismicity in Kresna region and surroundings, in Reports on Geodesy, Politechnika Warszawska, Inst. Geodezh I Astronomh Geodezyjnej, 4(49), 91-93,
- C30. Matova M. and Angelova D., 2000. About neotectonics and seismotectonics of grabens in Struma fault zone (SW Bulgaria), in Reports on Geodesy, Politechnika Warszawska, Inst. Geodezh I Astronomh Geodezyjnej, 4(49), 99-110.
- C31. Shanov S. and Dobrev N., 2000. Tectonic stress field in the epicentral area of 04.04.1904 Kroupnik earthquake from strea on slickensides, in Reports on Geodesy, Politechnika Warszawska, Inst. Geodezh I Astronomh Geodezyjnej, 4(49), 117-122.
- C32. Dobrev N. and Kostak B., 2000, Monitoring tectonic movements in Simitli Graben, SW Bulgaria. *Engineering geology*, 57, 3-4, 179-192. **imp.f 0.238**
- C33. Rangelov B., Rizhikova Sn. and Toteva T., 2001. The earthquake (M7.8) source zone-south-west Bulgaria. Full catalogue and macroseismic maps. Prof. M. Drinov, Acad. Publ. House, S. pp 280.
- C34. Matova, M., 2001. Dangerous seismotectonic situation for ancient and mediaeval monuments in Sofia city (Bulgaria). *Bulletin of the Geological Society of Greece*, XXXIV/5, 1765-1771.
- C35. Kurtev, K., 2002. Tectonic stresses and neotectonic deformations in SW Bulgaria grabens. *Bulletin: Classe des sciences mathématiques et naturelles - Sciences naturelles*, 125(41), 233-242.
- C36. Faccioli E. and Pessina V., 2003. RISK-UE - Basis of a handbook of earthquake ground motions scenarios - An advanced approach to earthquake risk scenarios with applications to different European towns - Contract: EVK4-CT-2000-00014, Report, 99 pp.
- C37. Deneva, B., 2004. Investigation concerning Influence of seismic activity on the regime of hydrothermal deposit Pchelinski Bani, Bulgaria. Ohrid, FY Republic of Macedonia, 25-29 May 2004. *Water bodies protection and Ecohydrology*, 1-6.
- C38. Шаламанов, В. (ръководител) 2004. Изследване за анализ и оценка на системата за защита на населението и реагиране при извънредни ситуации. "Бяла книга по гражданска защита на Р. България, НКС при ПКЗНБАК-ЦИНСО-БАН, С. 2004, сс 203.
- C39. Kotzev, V, Nakov R., Georgiev Tz., Burchfiel B., King RW., 2006. Crustal motion and strain accumulation in western Bulgaria. *Tectonophysics*, 413, 127-145. **imp. f. 1.675**
- C40. Dobrev N., Avramova-Tacheva E. and Kostak B., 2008. Monitoring of the cracks affecting the "Madara Horseman" rock bas-relief, North-East Bulgaria. In *Geoarchaeology and Archaeomineralogy* (Eds. R. I. Kostov, B. Gaydarska, M. Gurova). Proceedings of the International Conference, 29-30 October 2008 Sofia, Publishing House "St. Ivan Rilski", Sofia, 385-390.
- C41. Tsekov M. and Hristova V., 2010. Long-term correlations in Bulgarian seismic data. *Annuaire de l'Universite de Sofia "St. Kliment Ohridski"*, Faculte de Physique, v. 103, 1-22.

- C42. Маркова Е.Г., 2011. Дискретност на сеизмичните полета и процеси. Автореферат за присъждане на образователната научна степен 'Доктор'. 35 стр.
- C43. Шанов С. Курс по Сеизмотектоника, Лекция 7, <http://www.geology.bas.bg/lecture/seismo/seisnotectonics-7th%20lecture.pdf>
- C44. Dobrev N., 2011. 3D Monitoring of active fault structures in the Krupnik-Kresna seismic zone, SW Bulgaria. Acta Geodyn. Geomater., Vol. 8, No. 4 (164), 377–388. **imp.f. 0.452**

## **II. ПУБЛИКАЦИИ В НАУЧНИ СПИСАНИЯ И СБОРНИЦИ**

- 1. Главчева Р., Самарджиева Е., Христова Ц., 1981. Териториално-времеви ход на сеизмичните прояви в областта на Западна Стара Планина. БГС VII, 4, 28-39.**
- 2. Солаков Д., Христова Ц., Симеонова С., 1983. Изучаване размерността на Велинградските земетресения от 3.XI.1977 г., БГС, IX, 4, 105-112.**
- 3. Glavcheva R., Simeonova S., Hristova Tz. and Solakov D. 1983. Generalized Iseismals of the High Intensities for Earthquakes in Bulgaria, B.G.J., IX, 3, 69-77.**
  - C1. Христосков Л., 1992. 100 години сеизмология в България. БГС, XVIII, 1, 3-21.
  - C2. Христосков Л., 1996. Основни етапи и тенденции в развитието на българската сеизмология. БГС, XXI, 2, 12-25.
  - C3. Faccioli E. and V. Pessina, with the collaboration of K. Pitilakis and M. Ordaz, 2004. RISK-UE. An advanced approach to earthquake risk scenario with applications to different European towns Contract: EVK4-CT-2000-00014, WP2 – Basis of a handbook of earthquake ground motions scenarios. A computer file.
  - C4. Faccioli, E., 2006. Seismic hazard assessment for derivation of earthquake scenarios in Risk-UE, Bulletin of Earthquake Engineering, 4, 4,341-364. **imp.f 1.125**
  - C5. M. Kostov M., Kaneva A., Vaseva E., Stefanov D., Varbanov G. and Koleva N., 2007. An Advanced Approach to earthquake risk scenarios of Sofia. 8th Pacific Conference on Earthquake Engineering, 5 -7 December 2007, Singapore, Paper Number 215, pp 9.
- 4. Главчева Р., Донкова К., Симеонова С., Христова Ц., 1986. Характеристики на североизточния сеизмичен район на България за периода 1980-1984 г. БГС, XII, 3, 51-58.**
- 5. Vanek J., Hanus V., Christova C. and Simeonova S., 1987. Morphology of the Wadati-Benioff zone in the Hellenic arc. J. Geodynamics, 8:79-93. imp.f. 0.425**
  - C1. Papadopoulos, G.A., 1989. Forecasting large intermediate-depth earthquakes in the South Aegean. Phys. Earth. Plan. Int., 57: 192-198. **imp.f. 1.193**
  - C2. Papadopoulos, G.A., 1989. Seismic and volcanic activities and aseismic movements as plate motion components in the Aegean area. Tectonophysics, 167: 31-39.(13). **imp.f. 1.291**
  - C3. Ковачев С.А., Кузин И.П., Соловьев С.Л., 1991. Пространственное распределение микросейсмичности во фронтальной части Еллинской дуги согласно наблюдениям донных станций. Геотектоника, 2, Ц., 76-83.
  - C4. Kovachev, S.A., Kuzin, I.P., Solovyov, S.L., 1992. Microseismicity of the frontal Hellenic arc according to OBS observations. Tectonophysics, 201, 317-327. **imp.f. 1.276**
  - C5. Ковачев С.А., Кузин И.П., Соловьев С.Л., 1993. О пространственной флуктуации микроземлетрясений в центральной части Еллинской дуги, Физика Земли, 2: 53-56. **imp.f. 0.184**
  - C6. Kovachev, S.A., Kuzin, I.P., Solovyov, S.L., Karakaizis, G.F., Tassos, S. 1994. Lithosphere model implications for the distribution of micro-earthquake hypocenters as determined from sea-bottom geophone observations. Fizika Zemli, 12, 24-33. **imp.f. 0.184**
  - C7. Tsapanos T.M., Galanopoulos D. and Burton P, 1994. Seismicity in the Hellenic volcanic arc: relation between seismic parameters and the geophysical fields in the region, Geophys. J. Int., 117, 677-694. **imp.f. 1.371**
  - C8. Kuzin, I.P., Kovachev, S.A. 1998. Results of sea-bottom seismograph observations and the Benioff zone structure in the Peloponnesus region, Greece. Fizika Zemli, 9, 52-61. **imp. f. 0.151**
  - C9. Juul Petersen A-D., 2004, A geological and petrological study of the dikes in the Megalo Vouno volcano complex Santorini, PhD Thesis, Geol. Inst. Copenhagen Univ., 134 pp.
  - C10. Kann K., 2004, A petrological, geochemical and vulcanological study of the Thriassia volcano complex, Santorini, PhD Thesis, Geol. Inst. Copenhagen Univ., 134pp.
  - C11. Bailey J.C., Jensen E.S., Hansen A., Kann A.D.J., Kann K., 2009. Formation of heterogeneous magmatic series beneath North Santorini, South Aegean island arc. Lithos, 110, 20-36. **imp.f. 3.303**
- 6. Симеонова С., Христова Ц., Солаков Д., 1988. Някои изследвания върху афтершоковите поредици на земетресения, станали на територията на България. БГС, IV, 2, 97-104.**
  - C1. Stanishkova I., D. Slejko, 1991. Some seismotectonic characteristics of Bulgaria. Boll. Geof. Teor. Appl., 33, 187-210.
- 7. Симеонова С., Солаков Д., Христова Ц., 1988. Едно изследване върху честотното разпределение на афтершокови събития на територията на България, БГС, XIV, 3, 61-69.**
  - C1. Stanishkova I. and Slejko D., 1990. The 1986 Strazhitza earthquake sequences within the context of seismicity of Bulgaria, Atti di 9 convegno Nazionale di GNGTS, 12-16 nov, 1990, Roma, Italy, 177-188.

- C2. Ботев Е., Георгиев Цв., Главчева Р., Рижикова Сн., 1990. Земетръсна серия в Югозападна България през 1978-1979. БГС, VI,3,3-15
- C3. Stanishkova I. and Slejko D., 1991. Some seismotectonic characteristics of Bulgaria. *Boll. Geof. Teor. Appl.*, 33, 187-210.
- 8. Christoskov L., Glavcheva R., Georgiev Tz., Hristova T., 1988. Seismological features of the region of the 1986 earthquake sequence. *Bulg. Geophys. J.*, XIV, 2, pp.73-89**
- C1. Dotzev N., S. Younga, 1989. Fault plane solutions and seismotectonic deformations study for the Central Balkan region, *Proc XXI Gen. Ass. ESC*, 23-27 Aug., Sofia, 271-277
- C2. Stanishkova I., D. Slejko, 1990. The 1986 Strazhitza earthquake sequences within the context of seismicity of Bulgaria, *Atti di 9 convegno Nazionale di GNGTS, Esagrafica*, 12-16 nov, 1990, Roma, Italy, 177-188
- C3. Stanishkova I., D. Slejko, 1991. Some seismotectonic characteristics of Bulgaria. *Boll. Geof. Teor. Appl.*, 33, 187-210
- C4. Levy E., 1990. Possible prediction-modulation effect in the short period, sea-wave microseisms. *Bulg. Geophys. J.*, XVI, 31, 56-61.
- C5. Сачански, С. и др., 1991. Обработка на записите на силни земетресения, станали в регионалната област на АЕЦ. Отчет по договор "Изследвания и дейности за повишаване на сигурността на площадка АЕЦ "Козлодуй", задача 1.6, НИСИ, София, декември 1991.
- C6. Petrovski D. et al., 1992. Investigations for increase of the seismic safety of the nuclear powerplant Kozloduy. v. VII: Seismic hazard analysis. IEEES, Univ. Skopje, Report IZIIS, 92-01, Skopje, May, 1992, 151p.
- C7. Rangelov B., 1993. Seismic danger and related phenomena in Bulgaria. *Bulg. Geophys. J.*, XIX, 2, 64-69.
- C8. Gergova D., I. Iliev and V. Rizzo, 1995. Evidence of a seismic event on Thracian tombs dated to the Hellenistic period (Sveshtari, Northeastern Bulgaria). *Ann. di Geof.*, v. XXXVIII, 5-6, 919-926
- C9. Shanov S., T. Georgiev, 1995. Recent tectonic stress field in the Moesian platform based on crustal earthquake focal mechanisms. *Geol. Soc. Greece, Sp. Publ.*, No. 4, Proc. of the XV Congress of the Carpato-Balkan Geol. Assoc., Sept. 1995, Athens, Greece, 106-111.
- C10. Paskaleva I., M. Kouteva, N. Koleva, J. Evlogiev, 2001. Seismic risk assessment for urban areas: case study - town of Russe. Theoretical and applied mechanics. Proceedings of the 9th National Congress on Theoretical and applied mechanics, 19-22 September 2001. Inst. of Mechanics BAS, 2, 264-277.
- C11. Paskaleva I. 2001. Assessment of the design parameters for north Bulgaria, based on the recorded accelerograms during 1986 and 1990 Vrancea earthquakes. in contribution to the UNESCO-IUGS-IGCP 414 Project "Realistic Modeling of Seismic Input for Mega cities and Large Urban Areas" and project NZ 1003/2001, pp10.
- C12. Paskaleva I., 2004 – Assessment of the design parameters for North-East Bulgaria, based on the recorded accelerograms during 1986 and 1990 Vrancea earthquakes. In ESC General Assembly Papers, Potsdam - esc-web.org
- C13. Paskaleva I., M. Matova and G. Frangov, 2004. Expert assessment of the displacements provoked by seismic events: case study for the Sofia metropolitan area. *Pure Appl. Geophys.*, 161, pp. 1265-1283. **imp. f. 0.84**
- C14. Shanov, St., 2005. Post-Cretaceous to recent stress field in SE Moesian platform (Bulgaria), *Tectonophysics*, 400, 1-4, 217-233. **imp. f. 1.732**
- 9. Oncescu M., C. Trifu, C. Hristova, S. Simeonova, D. Solakov, 1989. The Strajitza Earthquake Sequence of February and December 1986, ESC-XXI General Ass., 23-27, August, 1988, Sofia, 135-141.**
1. Stanishkova I. and Slejko D., 1990. The 1986 Strazhitza earthquake sequences within the context of seismicity of Bulgaria, *Atti di 9 convegno Nazionale di GNGTS*, 12-16 nov, 1990, Roma, Italy, 177-188.
2. Petrovski D. et al., 1992. Investigations for increase of the seismic safety of the nuclear powerplant Kozloduy. v. VII: Seismic hazard analysis. IEEES, Univ. Skopje, Report IZIIS, 92-01, Skopje, May 1992, 151p
3. Stanishkova I. and Slejko D., 1993. Some seismotectonic characteristics of Bulgaria. *Boll. Geof. Teor. Appl.*, 33, 187-210.
- 10. Christoskov L., Samardjieva E., Solakov D., Simeonova S. and Hristova C., 1990. Single and multiple dislocation models of extended earthquake sources, *Studia geoph. Et geod.*, 34, 1-9. **imp. f. 0.125****
- 11. Christova C. and Vanek J., 1990. Variation of seismic activity and b-value in the Wadati-Benioff zone of the Hellenic arc. *Studia Geoph. et Geod.*, 34: 197-207. **imp. f. 0.125****
- C1. Kalogeras I.S. and Burton P.W., 1996, Shear-wave velocity models from Rayleigh-wave dispersion in the broader Aegean area, *Geophys. J. Int.*, 125, 679-695. **imp. f. 1.390**
- C2. Tsapanos, T.M., 2000. The depth distribution of seismicity parameters estimated for the South American area, *Earth Planet Sci Lett*, 180, 103-115. **imp. f. 2.832**
- C3. Yilmazturk A., Bayrak Y., Cakir O., 1998. Crustal seismicity in and around Turkey. *Natural Hazards*, 18, 3, 253-267. **imp. f. 0.353**
- 12. Oncescu C.M., Trifu C., Hristova T., Simeonova S. and Solakov D., 1990. A detailed analysis of the Strazhitza (Bulgaria) seismic sequences of 1986: location, focal mechanism and regional stress tensor. *Tectonophysics*, 172: 121 -134. **imp. f. 1.155****
- C1. Stanishkova I., Slejko D., 1990. The 1986 Strazhitza earthquake sequences within the context of seismicity of Bulgaria. *Atti di 9 Convegno Nazionale di GNGTS* 12-16 Nov 1990, Roma, Italy.
- C2. Stanishkova I., Slejko D., 1991. Some seismotectonic characteristics of Bulgaria. *Boll. Geof. Teor. Appl.*, 33, 187-210.

- C3. Muler B., Zobak M.L., Fucch K., Gregersen S., Pavoni N., tephansson O., 1992. Regional patterns of tectonic stress in Europe. *J. Geophys. Res.*, 97, 11783-11803. **imp.f. 2.577**
- C4. Petrovski D. et al., 1992. Investigation for increase of the seismic safety of the nuclear powerplant Kozloduy. v. VII: Seismic hazard analysis, IIEES, Univ. Skopje, Report IZIIS, 92-01, Skopje, May 1992, 151 pp.
- C5. Георгиев Цв., 1993. Модел на съвременното регионално тектонско поле в Мизийска платформа по данни от механизми на земетресения. БГС, XIX, 4, 101-107.
- C6. Shanov S., Georgiev T., 1995. Recent tectonic stress field in the Moesian platform based on crustal earthquake focal mechanisms. *Geol. Soc. Greece, Sp. Publ.*, N4, Proc. of the XV Congress of the Carpato-Balkan Geol. Assoc., Sept. 1995, Athens, Greece, 106-111.
- C7. van Eck T., Stoyanov T., 1995. Seismic hazard modelling for Southern Bulgaria, *Tectonophysics*, 262, 77-100. **imp.f. 1.732**
- C8. Doglioni C., Busatta C., Bolis G., Marianini L. and Zanella M., 1996. Structural evolution of the eastern Balkans (Bulgaria), *Marine and Petroleum Geology*, 13, 2: 225-251. **imp. f. 0.667**
- C9. Fan GW, Wallace TC, Zhao DP, 1998. Tomographic imaging of deep-velocity structure beneath the Eastern and Southern Carpatians, Romania: Implications for continental. *J. Geophys. Res.*, 103 (B2): 2705-2723. **imp. f. 2.577**
- C10. Vanucci G. and Gasperini P., 2003. A database of revised fault plane solutions for Italy and surrounding regions. *Computers and Geosciences*, 29, 903-909. **imp.f. 0.779**
- C11. Vanucci G. and Gasperini P., 2004, The new release of the database of earthquake mechanisms of the Mediterranean area (EMMA Version 2), *Ann. Geophys. Sppl. To v. 47*, 307-334. **imp. f. 0.438**
- C12. Shanov S. 2005. Post-Cretaceous to recent stress fields in the SE Moesian Platform (Bulgaria). *Tectonophysics* 410, 217-233. **imp.f. 1.732**

**13. Simeonova S., Solakov D., Hristova C., 1990. An investigation on 1928 Plovdiv earthquakes. *BGJ*, XVI, 2, 55-60.**

- C1. Димитров Д., Руге Ж., 1996. Резултати от геодезически изследвания на сеизмотектонските параметри на зоната на земетресенията от април 1928г. в Южна България. БГС, т. XXII, 2, 63-72.
- C2. Христосков Л., 1998. 70 години от земетресенията в Чирпан и Пловдив през 1928 година. Сб. докл. от симп. "Геодинамични изследвания, свързани със земетресенията от 1928 г. в Чирпан-Пловдив", С., 9 октомври 1998 г., 5-21
- C3. Ангелова Д., 1998, Холоценска и съвременна разломна мрежа в Чирпанския сеизмичен ареал и динамиката ѝ, Сборник Доклади, Симпозиум Геодинамични Изследвания свързани със земетресенията от 1928г. в Чирпан-Пловдив, София, 9.10.1988 г., стр. 119-126.
- C4. Ботев Е., Димитров Д., 1998, Сеизмични прояви в Горнотракийската низина през периода 1980-1997 г., Сборник Доклади, Симпозиум Геодинамични Изследвания свързани със земетресенията от 1928г. в Чирпан-Пловдив, София, 9.10.1988 г., стр. 47-66.

**14. Солаков Д., Христосков Л., Симонова С., Христова Ц., Бабачкова Б., Ботев Е., Димитров Б., Динева С., Добрев Ч., Донкова К., Петров Л., 1992. Резултати от един експеримент върху определяне на основните земетръсни параметри чрез регистрациите на НОТССИ, БГС, XVIII, 1, 22-29.**

**15. Christova C., 1992. Seismicity depth pattern, seismic energy and b-value depth variation in the Hellenic Wadati-Benioff zone. *Phys. Earth. Plan. Int.* 72: 38-48. **imp. f. 1.186****

- C1. Tibuleac I. M., 1994. Anomalous variations of the seismicity parameters before the major earthquakes in Vrancea region, Romania. *Proceedings of the 2<sup>nd</sup> workshop Statistical Models and Methods in Seismology*, Cephalonia 2-5 June. 1993.
- C2. Tsapanos T.M., Galanopoulos D. and Burton P, 1994. Seismicity in the Hellenic volcanic arc: relation between seismic parameters and the geophysical fields in the region, *Geophys. J. Int.*, 117, 677-694. **imp.f.1.371**
- C3. Kalogeras I.S. and Burton P.W., 1996, Shear-wave velocity models from Rayleigh-wave dispersion in the broader Aegean area, *Geophys. J. Int.*, 125, 679-695. **imp.f. 1.390**
- C4. Ayele A. and Kulhanek O., 1997, Spatial and temporal variations of seismicity in the Horn of Africa from 1960 to 1993, *Geophys. J. Intern.*, 130, 805-810. **imp.f. 1.390**
- C5. Yilmazturk A., Bayrak Y., Cakir O., 1998. Crustal seismicity in and around Turkey. *Natural Hazards*, 18, 3, 253-267. **imp.f. 0.353**
- C6. Manakou M.V. and Tsapanos T.M., 2000. Seismicity and seismic hazard parameters evaluation in the island of Crete and the surrounding area inferred from mixed data files, *Tectonophysics*, 321: 157-178. **imp.f. 1.155**
- C7. Tsapanos T.M., 2001. Earthquake hazard parameters estimated in Crete Island and the adjacent area, *Pure Appl. Geophys.*, 158 (9-10), 1691-1718. **imp.f. 0.729**
- C8. Bayrak Y., Yilmazturk A., Ozturk S., 2002. Lateral variations of the modal (a/b) values for the different regions of the world. *J. Geodynamics*, 34(5), 653-666. **imp.f. 1.294**
- C9. Suckale J., Rondenay S., Sachpazi M., Charalampakis M., Hosa A., Royden L.H., 2009. High-resolution seismic imaging of the western Hellenic subduction using teleseismic scattered waves. *Geophys. J. Intern.*, 178, 775-791, doi: 10.1111/j.1365-246X.2009.04170.x, **imp.f. 2.435**

16. Солаков Д., С. Симеонова, С. Динева, Р. Главчева, Е. Ботев, Ц. Христова, Б. Бабачкова, К. Донкова, И. Аспарухова, 1993. Каталог на земетресенията с  $M \geq 3.0$ , станали на територията на България и близките ѝ околности през периода 1981-1990. БГС, XIX, 4 76-82.
17. Симеонова С., Р. Главчева, Д. Солаков, С. Динева, Е. Ботев, Ц. Христова, Б. Бабачкова, И. Александрова, 1993. Сеизмичност на България през периода 1981-1990. БГС, XIX, 4, 108-118.
- C1. Шанов С., Цанков Ц., Николов Г., Бойкова А., Куртев К., 1998. Особенности на младата геодинамика на Софийския комплексен грабен. Rev. Bulg. Geol. Society, 59, 1, 3-12.
18. Christova, C. and Nikolova S.B., 1993. The Aegean region: deep structures and seismological properties. Geophys. J. Int. 115: 635-653. imp. f. 1.525
- C1. Христосков Л., 1996. Основни етапи и тенденции в развитието на българската сеизмология. БГС, XXI, 2, 12-25.
- C2. Kalogeras I.S. and Burton P.W., 1996. Shear-wave velocity models from Rayleigh-wave dispersion in the broader Aegean area, Geophys. J. Int., 125, 679-695. **imp.f. 1.390**
- C3. Doglioni C. and Prosser G., 1997, Fold uplift versus regional subsidence and sedimental rate, Mar.Petrol. Geol., 14, 179-190. **imp.f. 0.667**
- C4. Paolo Harabaglia and Carlo Doglioni, 1998, Topography and gravity across subduction zones, Geophys. Res. Lett. v. 25, Iss 5, 703-706. **imp.f. 2.195**
- C5. Yilmazturk A., Bayrak Y., Cakir O., 1998. Crustal seismicity in and around Turkey. Natural Hazards, 18, 3, 253-267. **imp.f. 0.353**
- C6. Martínez, M.D., 1998. Estructura elástica y anelástica de la cuenca del mar Mediterráneo, *Interpretación de velocidades de grupo y coeficientes de atenuación del modo fundamental de las ondas Rayleigh*, PhD Thesis, Universitat Politècnica de Catalunya, Barcelona, 228pp.
- C7. Doglioni C., Harabaglia P., Mongelli F., Peccerillo A. and Piromallo C., 1999, Orogens and slabs vs. their direction of subduction, Earth-Sci Rev., 45 (3-4), 167-208. **imp.f. 2.667**
- C8. Knapmeyer M., 1999, Geometry of the Aegean Benioff zone, Ann. Geofisica, vol 42, N 1, 27- 38. **imp.f. 0.466**
- C9. Knapmeyer M, Harjes HP, 2000. Imaging crustal discontinuities and the downgoing slab beneath western Crete, Geophys. J. Intern., 143 (1), 1-21. **imp. f. 1.544**
- C10. Martinez MD, Lana X, Canas JA, Badal J, Pujades L, 2000. Shear-wave velocity tomography of the lithosphere-asthenosphere system beneath the Mediterranean area, Phys.Earth.Planet Int., 122 (1-2), 33-54. **imp. f. 1.715**
- C11. Catalano R, Doglioni C, Merlini S., 2001. On the Mesozoic Ionian Basin. Geophys. J. Int.144 (1): 49-64. **imp. f. 1.336**
- C12. Martinez MD, Canas JA, Lana X, et al. 2001.Objective regionalization of Rayleigh wave dispersion data by clustering algorithms: an application to the Mediterranean basin. Tectonophysics, 330 (3-4): 245-266. **imp. f. 1.473**
- C13. Bayrak Y., Yilmazturk A., Ozturk S., 2002. Lateral variations of the modal (a/b) values for the different regions of the world. J. Geodynamics, 34(5), 653-666. **imp.f. 1.294**
- C14. Doglioni, C., Agostini, S., Crespi, M., Innocenti, F., Manetti, P., Riguzzi, F. and Savascin, Y. 2002. Indo-Asia convergence in NW Himalaya. On the extension in western Anatolia and the Aegean sea. In: Rosenbaum, G. and Lister, G. S. 2002. Reconstruction of the evolution of the Alpine-Himalayan orogeny. J. Virtual Explorer, 8:169-183. **imp.f 0.78**
- C15. Karagianni E.E.2002. Dispersion of Surface waves in the shallow layers of the crust in the Aegean area, PhD Thesis, p.233,
- C16. Ten Veen JH, Kleinspehn KL, 2003, Incipient continental collision and plate-boundary curvature: Late Pliocene-Holocene transtensional Hellenic forearc, Crete, Greece. J.Geol. Soc.,160, 161-181 Part 2. **imp.f. 2.183**
- C17. Endrun, T. Meier, M. Bischoff and H.-P. Harjes, 2004. Lithospheric structure in the area of Crete constrained by receiver functions and dispersion analysis of Rayleigh phase velocities, Geophysical Journal International 158, 592-608. **imp.f. 1.826**
- C18. Carminati E. Doglioni C., 2005. EUROPE | Mediterranean Tectonics, 135-147, In: Encyclopedia of Geology, 2005, Eds: Selley R.C., Cocks L.R.M., Plimer I.R., Elsevier. ISBN 0-12-636380-3, 320pp.
- C19. Juul Petersen A-D., 2004, A geological and petrological study of the dikes in the Megalo Vouno volcano complex Santorini, PhD Thesis, Geol. Inst. Copenhagen Univ., 134 pp.
- C20. Kann K., 2004, A petrological, geochemical and vulcanological study of the Thriassia volcano complex, Santorini, PhD Thesis, Geol. Inst. Copenhagen Univ., 134pp.
- C21. Vanucci G. and Gasperini P., 2004, The new release of the database of earthquake mechanisms of the Mediterranean area (EMMA Version 2), Ann. Geophys. Spppl. To v. 47, 307-334. **imp. f. 0.438**
- C22. F. Innocenti, S. Agostini, G. Di Vincenzo, C. Doglioni, P. Manetti, M.Y. Savaşçin and S. Tonarini, 2005. Neogene and Quaternary volcanism in Western Anatolia: Magma sources and geodynamic evolution. Marine Geology, 221, 397-421. **imp.f. 2.031**
- C23. Agostini S., Doglioni C., Innocenti F., Manetti P. M.Y. Savaşçin Tonarini S. 2005. Tertiary high-Mg volcanic rocks from Western Anatolia and their geodynamic significance for the evolution of the Aegean area, In: The South Aegean Active Volcanic Arc: Present Knowledge and Future Eds. M. Fytikas and E. Vougioukalakis, Elsevier, 2005, 398 pp.
- C24. Agostini S., Doglioni C., Innocenti F. Manetti P., Tonarini S., Yilmaz S. M., 2007. The transition from subduction related intraplate Neogene magmatism in the Western Anatolia and Aegean area, in Beccaluva, L., Bianchini, G., and Wilson, M., eds., Cenozoic Volcanism in the Mediterranean Area: Geol. Soc. Am. Special Paper 418, p. 1-15, doi: 10.1130/2007.2418(01). **imp.f. 2.56**

- C25. Çoban, H. 2007. Basalt magma genesis and fractionation in collision- and extension-related provinces: A comparison between eastern, central and western Anatolia. *Earth-Sci Rev.* 80 (3-4), pp. 219-238. **imp.f. 4.310**
- C26. Doglioni C., Carminati E., Cuffaro M. and Davide Scrocca D., 2007. Subduction kinematics and dynamic constraints, *Earth Sci Rev.*, 83 (3-4), 125-175. **imp. f. 4.310**
- C27. Endrun, B., Meier, T., Lebedev, S., Bohnhoff, M., Stavrakakis, G., Harjes, H.-P., 2008. S velocity structure and radial anisotropy in the Aegean region from surface wave dispersion, *Geophys. J. Intern.* 174 (2), 593-616. **imp.f. 2.219**
- C28. Agostini, S. Ryan, J.G., Tonarini, S., Innocenti, F., 2008. Drying and dying of a subducted slab: Coupled Li and B isotope variations in Western Anatolia Cenozoic Volcanism, *Earth Planet Sci Letters*, 272, 139-147. **imp.f. 3.955**
- C29. 8. Doglioni C., Carminati E., 2008. Structural styles and dolomites field trip. *Mem. Descr. Carta geologica d'Italia*. Vol. LXXXII, 301pp.
- C30. Agostini S., Doglioni C., Innocenti F., Manetti P., Tonarini S., 2010. On the geodynamics of the Aegean rift, *Tectonophys.*, 488, 7-21, doi/10.106 /j.tecto.2009.07.025. **imp.f. 2.509**
- C31. Eren Yasar, 2009. Neotektonik ders Notlari. Selcuk Universiti, PhD Thesis, 124pp. <http://www.mmf.selcuk.edu.tr/personel/yeren/yasareren/pdfdosy/neotektonik/Microsoft%20Word%20-%20neotektonikdersnotu.pdf>
- C32. Martínez, M.D., Lana, X., Guinto, E.R., 2010. Shear-wave attenuation tomography of the lithosphere-asthenosphere system beneath the Mediterranean region. *Tectonophysics* 481 (1-4), pp. 51-67. **imp.f. 2.509**
- C33. Doglioni C., 2010. Terra Asimmetrica – Fabrizio Innocenti, maestro di scienza e vita. In: *Seminari Innocenti 2010*, 28<sup>th</sup> Jan. 2010, 33pp. [http://www.dst.unipi.it/dst/rocchi/FI/Home\\_files/FabrizioInnocentiRid.pdf](http://www.dst.unipi.it/dst/rocchi/FI/Home_files/FabrizioInnocentiRid.pdf)
- C34. Doglioni C., 2010. Terra Asimmetrica – Fabrizio Innocenti, maestro di scienza e vita. In: *Seminari Innocenti*, Piza, Italy, 28<sup>th</sup> Jan. 2010, 33pp. [http://www.dst.unipi.it/dst/rocchi/FI/Home\\_files/FabrizioInnocentiRid.pdf](http://www.dst.unipi.it/dst/rocchi/FI/Home_files/FabrizioInnocentiRid.pdf)
- C35. Badal J., Chen I., Zhang Y., 2011. Modeling of Rayleigh wave dispersion in Iberia, *Geoscience Frontiers* 2 (1), pp. 35-48. **imp.f. 1.095**
- C36. Dologlou E., 2011, Possible interrelations between the lead time of precursory seismic electric signals (SES) and geodynamics in the Aegean Sea, *Nat.Hazards Earth Syst.Sci*, 11, 1599-1603, **imp.f. 1.792**
19. ***Christova, C. and Nikolova, S., 1993. The Aegean region – generalized structural and seismogenic properties. Proc. 2<sup>nd</sup> Congress Hell. Geophys. Union, Florina, 5-7 May 1993, 116-121.***
20. ***Christova C., 1994. The Aegean region – seismogenic properties of the deep seismically active structures. Stud. Geophys. Et Geod., 38, 266-285. imp. f. 0.143***
21. ***Nikolova S.B. and Christova C., 1994. Seismic fracturing analysis of the Aegean region. Proc. Of the 2<sup>nd</sup> workshop Statistical Models and Methods in Seismology applications on prevention and forecasting of earthquakes, Cefalonia, 2-5 June, 1993, 116-121.***
22. ***Nikolova S.B. and Christova C., 1994. Study of space distribution of seismic fracturing in the Aegean region. BGJ, XXI, 4, 33-40.***
23. ***Christova, C. and Nikolova, S., 1995. Stress field in the Hellenic Wadati-Beniff zone; ESC, XXIV General Assembly 1994, Sept, 19-24, Athens, Greece. Proceeding and Activity, Report, pp. 387-393.***
- C1. Elenean Abou K.M., Hussein H.M., 2007. Source mechanism and source parameters of May 28, 1998 earthquake, *Egypt. J. Seysmology* 11, 259-274. **imp.f. 1.091**
- C2. Hussein H.M., Abou Elenean K.A., Marzouk I.A., Peresan A., Korrat I.M., E. Abu El-Nader, Panza G.F., El-Gabri M.N., 2008. Integration and magnitude homogenization of the Egyptian earthquake catalogue., UN Educational, Scientific and Cultural Organization and International Atomic Energy Agency, 1-30.
- C3. Hussein H. M., Abou Elenean K. M., Marzouk I. A., Peresan A., Korrat I.M., Abu El-Nader E., Panza G.F. and El-Gabry M. N., 2008. Integration and magnitude homogenization of the Egyptian earthquake catalogue. *Nat. Hazards* 47, 525-546. **imp.f. 1.015**
24. ***Christova, C. and Nikolova, S., 1995. Stress field in the continental plate of the Aegean region. ESC, XXIV General Assembly 1994, Sept, 19-24, Athens, Greece. Proceeding and Activity, Report, pp. 394-400.***
25. ***Ботев Е., Милушев Р., Димитров Б., Бабачкова Б., Генов К., Христова Ц., 1995. Предварителни данни за сеизмичните събития, регистрирани от НОТССИ през периода януари-март 1995., БГС, XXI, 3, 77-88.***
26. ***Христова Ц., 1997. Дълбочинни структури в Егейския регион – морфология и сеизмологични характеристики. Автореферат на дисертация за научна степен 'доктор', 32 стр.***
27. ***Christova C. and Nikolova S.B., 1998. New results on the contemporary plate tectonics in the Aegean region from seismological observations, Phys. Chemistry of the Earth, 23/7-8, 785-798. imp. f. 0.99***

- C1. Juul Petersen A-D., 2004, A geological and petrological study of the dikes in the Megalo Vouno volcano complex Santorini, PhD Thesis, Geol. Inst. Copenhagen Univ., 134 pp.
- C2. Kann K., 2004, A petrological, geochemical and vulcanological study of the Thriassia volcano complex, Santorini, PhD Thesis, Geol. Inst. Copenhagen Univ., 134pp.
- C3. Tonarini S., Agostini S., Innocenti F., and Manetti P., 2005,  $\delta^{11}\text{B}$  as tracer of slab dehydration and mantle evolution in Western Anatolia Cenozoic Magmatism, *Terra Nova*, 17: 259-264. **imp.f. 0.874**
- 28. Tsapanos T.M. and Christova C., 2000. Some preliminary results of a worldwide seismicity estimation: a case study of seismic hazard evaluation in South America. *Annali di Geof.*, 43, 1, 11-22. imp.f. 0.176**
- 29. Christova C. and Tsapanos T.M., 2000. Depth distribution of stresses in the Hokkaido Wadati-Benioff zone as deduced by inversion of earthquake focal mechanisms, *J. Geodynamics*, 30, 557-573. imp.f. 0.974**
- C1. Pinar A., Kuge K., Honkura Y., 2003, Moment tensor inversion of recent small to moderate sized earthquakes: implications for seismic hazard and active tectonics beneath Sea of Marmara. *Geophys. J. Intern.*, 153, 133-145. **imp. f. 1.366**
- C2. Аносов Г.И., Колосков А.В., Флеров Г.Б., 2003, Особенности проявления ультра-мафитов Камчатского региона с позиций вихревой геодинамики, In: "Vortex-related events of the geological processes" held in Petropavlovsk-Kamchatski on March 25, 2003 at the support of the Kamchatka regional association "Educational-scientific center", Editor-in-chief A.V. Vikulin, pp. 297.
- C3. Hansen SE, Schwartz SY, DeShon HR, Gonzalez V., 2006. Earthquake relocation and focal mechanism determination using waveform cross correlation, Nicoya Peninsula, Costa Rica, *BSSA*, 96 (3), 1003-1011. **imp.f. 1.828**
- C4. Pinar A., Honkura Y., Kuge K., Matsushima M., Sezgin N., Yilmazer M., Ogitcu Z., 2007. Source mechanism of the 2000 November 15 Lake Van earthquake ( $M_w = 5.6$ ) in eastern Turkey and its seismotectonic implications. *Geophys. J. Intern.* 170 (2), pp. 749-763. **imp.f. 2.112**
- C5. Ghimire S., Kasahara M., 2009. Spatial variation in seismotectonics and stress conditions across the Kurile and Japan trenches inferred from the analysis of focal mechanism data in Hokkaido, northern Japan, *J. Geodynamics*, doi:10.1016/j.jog.2008.07.007. **imp.f. 1.812**
- C6. Ghimire S., Tanioka Y., 2011, Spatial distribution of stress and frictional strength along the interplate boundary in northern Japan and its correlation to the locations of large earthquakes. *Tectonophysics*, 512, 22-30. **imp.f. 2.509**
- C7. Ghimire S., Tanioka Y., 2011. Spatio-Temporal Changes in Stress Field and Occurrence of the 2003 Tokachi Oki Earthquake in Hokkaido, Northern Japan, In: *New Frontiers in Tectonic Research - General Problems, Sedimentary Basins and Island Arcs*, Editor Sharkov Evgeny, Publisher InTech, V.ISBN 978-953-307-595-2, 350pp.
- C8. Ruiz-Constan A., Galindo-Zaldívar J., Pedrera A., Célrier B., and Marín-Lechado C., 2011. Stress distribution at the transition from subduction to continental collision (northwestern and central Betic Cordillera). *Geochem.Geophys. Geosys*, 12, Issue 12, 2011, 12, Q12002, doi:10.1029/2011GC003824. **imp. f. 3.368**
30. ***Christova C. and Nikolova S.B., 2000. Evidences for heat in the eastern part of the Aegean region from seismological studies. Abstr. Vol. "Plume-Lithosphere Interactions", Workshop, Int. Lithosphere Project II/6, 9-11 April 2000, Strasbourg, France, 25-33.***
31. ***Christova C., 2000, Depth distribution of stress field in the Kamchatka Wadati-Benioff zone as deduced by stress inversion if earthquake focal mechanisms, (ext. abstract) In "Book of Abstract" 3d National Geophys. Conf. 11-13 October, Sofia, 20-21.***
- 32. Christova C., 2001. Depth distribution of stresses in the Kamchatka Wadati-Benioff zone inferred by inversion of earthquake focal mechanisms, *J. Geodynamics*, 31, 355-372. imp.f. 1.294**
- C1. Park J., Levin V., Brandon M., Lees J., Peyton V., Gordeev E., Ozerov A., 2002. A dangling slab, amplified arc volcanism, mantle flow and seismic anisotropy in the Kamchatka plate corner. Book chapter in: *AGU Geodynamics Series*, v. 30, Plate Boundary Zones, edited by Seth Stein and Jeffrey T. Freymueller, p. 295-324.
- C2. Аносов Г.И., Колосков А.В., Флеров Г.Б., 2003, Особенности проявления ультра-мафитов Камчатского региона с позиций вихревой геодинамики, In: "Vortex-related events of the geological processes" held in Petropavlovsk-Kamchatski on March 25, 2003 at the support of the Kamchatka regional association "Educational-scientific center", Editor-in-chief A.V. Vikulin, pp. 297.
- C3. Авдейко, Г.П., Палуева А.А., Лепиньч С.В., 2004, Сейсмоактивные тектонические структуры Камчатской зоны субдукции и методика их выделения, В. Краунц, Серия Науки о Земле, 3, 18-35. **imp.f. 0.155**
- C4. Авдейко, Г.П., Палуева А.А., Лепиньч С.В., 2004, Сейсмоактивные тектонические структуры зоны субдукции под восточную Камчатку В Материалы ежегодной конференции, посвященной Дню вулканолога, Петропавловск-Камчатский, Изд. "Наука – для Камчатки", 2004. 116 с. Отв. Редактор А.А. Разина.
- C5. Jia-Jen Chang, 2005. Deep earthquakes beneath Central Taiwan: Seismicity and Focal Mechanisms, MSc Thesis, 113 pp.
- C6. Hansen SE, Schwartz SY, DeShon HR, Gonzalez V., 2006. Earthquake relocation and focal mechanism determination using waveform cross correlation, Nicoya Peninsula, Costa Rica, *BSSA*, 96 (3), 1003-1011. **imp.f. 1.828**
- C7. Авдейко, Г.П., Палуева А.А., 2006, Олюторское землетрясение 2006г. как результат взаимодействия литосферных плит в Корьякско-Камчатском регионе. Вестник КРАУНЦ, Науки о Земле, 2006, 2, вып. 8, 54-68. **imp.f. 0.219**



- C8. Ruppert, N.A., J.M. Lees, and N.P. Kozyreva, 2007. Seismicity, Earthquakes and Structure along the Alaska-Aleutian and Kamchatka-Kurile Subduction zones: A Review, in *Volcanism and Subduction: The Kamchatka Region*, Edited by J. Eichelberger, E. Gordeev, M. Kasahara, P. Izbekov and J. M. Lees, pp. 129-144, American Geophysical Union, Washington, D.C.
- C9. Авдейко Г.П., Палуева А.А., 2007. Сейсмотектоническое районирование: сейсмоопасность и цунамиопасность на Камчатке, Докл. Проблемы комплексного геофизического мониторинга Дальнего Востока России. Первая региональная научно-техническая конференция. Петропавловск-Камчатский. 11-17 ноября 2007 г. УДК 550.34:551.242, стр. 9-13.
- C10. Avdeiko G.P. and Palueva A.S., 2008. Seismic tectonic activity of the Kamchatka subduction zone and estimates of seismic and tsunami hazard. *Krauntz, Earth Sciences*, 1, v. 11, 48-66. **imp.f. 0.219**
- C11. Авдейко Г.П., Палуева А.А., 2009. Геодинамика Камчатской зоны субдукции: вулканизм, сейсмоопасность и цунамиопасность, ВУЛКАНИЗМ И ГЕОДИНАМИКА: Материалы IV Всероссийского симпозиума по вулканологии и палеовулканологии, 22-27.09.2009, стр.567- 570.С12.
- C12. Avdeiko G.P. and Palueva A.A., 2011. The Kamchatka subduction zone: Seismotectonic regionalization and geodynamics. *J. Volcanology and Seismology*, 5, 1-16. **imp.f. 0.254**
- C13. Ruiz-Constan A., Galindo-Zaldívar J., Pedrera A., Célérier B., and Marín-Lechado C., 2011. Stress distribution at the transition from subduction to continental collision (northwestern and central Betic Cordillera). *Geochem.Geophys. Geosys*, 12, Issue 12, 2011, 12, Q12002, doi:10.1029/2011GC003824. **imp. f. 3.368**
33. ***Christova C. and Kao H., 2002. Stress Field in the Vanuatu (New Hebrides) Wadati-Benioff Zone Inferred by Inversion of Earthquake Focal Mechanisms: Systematic Lateral and Vertical Variations 2002 Western Pacific Geophysics Meeting 9-12 July 2002, Wellington, New Zealand.***
34. ***Christova C., Scholz C.H. and Kao H., 2002. Test of the slab stress uide hypothesis for the Vanuatu Wadati-Benioff Zone, Eos. Trans. AGU, 83(47), Fall Meet. Suppl., Abstract S52A-1075, 2002.***
35. ***Christova C. and Kao H., 2003. The puzzle of the stress field in the Ryukyu-Kyushu arc. Abstr. International Workshop Plate Boundary Observatory - "Ocean Bottom Seismometers (OBS), Technology and Opportunities", March 4-5, 2003, Inst. Earth Sciences, Academia Sinica, Taipei, Taiwan.***
36. ***Christova, C., Kao, H., and Liang W-T., 2003. Changes in the long-term stress pattern in NE Taiwan area after the 2002 March 31 (Ml 6.9) earthquake. Abstr. International Workshop Plate Boundary Observatory - "Ocean Bottom Seismometers (OBS), Technology and Opportunities", March 4-5, 2003, Inst. Earth Sciences, Academia Sinica, Taipei, Taiwan.***
37. **Tsapanos T.M. and Christova C.V., 2003. Earthquake hazard parameters in Crete Island and its surrounding area from Bayes statistics: an integration of morphology of seismically active structures and seismological data. *Pure Appl Geophys* 160:1517–1536. **imp. f. 0.729****
- C1. Bayrak Y. and Bayrak E., 2011. An evaluation of earthquake hazard potential for different regions in Western Anatolia using the historical and instrumental earthquake data. *Pure Appl. Geophys.*, DOI 10.1007/s00024-011-0439-3, **imp.f. 1.091**
38. ***Christova C., and Scholz H.Ch., 2003. Stresses in the Vanuatu Subducting Slab: a test of two hypotheses, Geophys. Res. Lett. v. 30, N 15, 1790, doi: 10.1029/2003 GL017701, 2003. imp. f. 2.422***
- C1. Conrad, C.P., Bilek, S., Lithgow-Bertelloni, C., 2004. Great earthquakes and slab pull: interaction between seismic coupling and plate-slab coupling. *Earth Planet. Sci Lett.*, 218, 109-202. **imp. f. 3.434**
- C2. Conrad, C.P. and Lithgow-Bertelloni, C., 2004, The temporal evolution of plate driving forces: importance of 'slab suction' versus 'slab pull'during the Cenozoic, *J. Geophys. Res.*, 109, 1-14. **imp. f. 2.784**
- C3. Jung, H.Y.,Green, H.W.,Dobrzhinetskaya, L.F., 2004. Intermediate-depth earthquake faulting by dehydration embrittlement with negative volume change. *NATURE*, 428, 545-549. **imp. f. 32.182**
- C4. Bilek S.L., Conrad C.P. and Lithgow-Bertelloni C., 2005, Slab pull, slab weakening, and their relation to intra-slab seismicity, *Geophys. Res. Lett.*, 32, L14305. **imp. f. 2.491**
- C5. Vijay P. Singh and Ramesh P. Singh, 2005, Changes in stress pattern around epicentral region of Bhuj earthquake, of 26 January 2001, *Geophys. Res. Lett.*, 32, 1-4. **imp. f. 2.491**
- C6. Suckale J., Grunthal G., Regnier M., and Bossel C., 2005, Probabilistic Seismic Hazard Assessment for Vanuatu, *Sci Tech. Report*, ISSN 1610-0956, STR-05/16, 73 pp.,
- C7. Brudzinski MR, Chen W.P. 2005, Earthquakes and strain in subhorizontal slabs. *J. Geophys. Res.* 110 (B8): Art. No. B08303 AUG 6. 11pp. **imp. f. 2.784**
- C8. Milsch HH, 2005. Dehydration-induced weakening and fault slip in gypsum: Implications for the faulting process at intermediate depth in subduction zones. *J. Geophys. Res.* 110 (B4): 1-16, Art. No. B04202 APR 14. **imp. f. 2.784**
- C9. Ranero CR, Villasenor A, Morgan JP, et al., 2005. Relationship between bend-faulting at trenches and intermediate-depth seismicity. *Geochem. Geophys. Geosyst.* 6: Art. No. Q12002 DEC 13. **imp. f. 2.370**

- C10. Singh VP, Singh RP , 2005. Changes in stress pattern around epicentral region of Bhuj earthquake of 26 January 2001, *Geophys.Res.Lett.*, 24, Art. No. L24309. **imp. f. 2.491**
- C11. Xiaowei Yan, 2005. Seismogenic mechanism of the May 26, 2003, northeastern Japan intermediate-depth earthquake, 2005. University of Wisconsin-Madison, Msc Thesis, 124pp.
- C12. Hansen SE, Schwartz SY, DeShon HR, Gonzalez V., 2006. Earthquake relocation and focal mechanism determination using waveform cross correlation, *Nicoya Peninsula, Costa Rica, BSSA*, 96 (3), 1003-1011. **imp. f. 1.828**
- C13. YU Ri-dong, JIN Zhen-min, 2006. Relationship between dehydration of serpentine and intermediate-focus earthquakes in oceanic subduction zones. *Frontiers of Earth Science in China*, 13, N2, 191-204. **imp.f. 1.095**
- C14. Frohlich C., 2006. *Deep Earthquakes*, Cambridge Univ. Press, 588 pp.
- C15. Houston H., 2007. *Deep Earthquakes*, Chapter in *Treatise on seismology*, Elsevier, Eds. Kanomori H., Schubert G., 321-350.
- C16. M. R. Brudzinski, C. H. Thurber, B. R. Hacker, E. R. Engdahl, 2007. Global Prevalence of Double Benioff Zones, *Science*, 316, 1472, suppl.mat., DOI: 10.1126/science.1139204. **imp.f. 26.372**
- C17. Warren L.N., Hughes A.N., Silver P.G., 2007, Earthquake mechanics and deformation in the Tonga-Kermadec subduction zone from fault-plane orientations of intermediate- and deep-focus earthquakes, *J. Geophys. Res.*, 112 B5, B05314, doi 10.1029/2006.JB004677, **imp. f. 2.8**
- C18. Harry W. Green II, 2007. Shearing instabilities accompanying high-pressure phase transformations and the mechanics of deep earthquakes, *Proc. Natl. Acad. Sci. USA* , v. 104, 9133-9138; doi:10.1073/pnas.0608045104. **imp. f. 10.231**
- C19. Warren L.N., Meridith A.L., Silver P.G., 2008. Fault plane orientations of intermediate-depth earthquakes in the Middle America trench, *J. Geophys. Res.*, 113, B01304, doi:10.1029/2007JB005028. **imp. f. 2.8**
- C20. McCreary J. A., 2008. The Tonga-Vanuatu Subduction Complex, a Self-Optimized 3D Slab-Slab-Mantle Pump, AGU 2008 Fall meeting Abstr. Book, abstract #T23B-2030.
- C21. Lange D., 2008. The South Chilean subduction zone between 41 and 43.5S: seismicity, structure and state of stress. PhD Thesis, Potsdam University, Germany, 134pp.
- C22. Barklage M., 2010. Structure and seismicity of the upper mantle using developments of broadband seismographs in Antarctica and the Mariana islands. PhD Thesis, Washington Univ., Dept of Earth and Planetary Sci., 115 pp.
- C23. Khan P.K., 2011. Role of unbalanced slab resistive force in the 2004 off Sumatra mega-earthquake (Mw >9.0) event. *Int. J. Earth Sci*, DOI 10.1007/s00531-010-0576-4. **imp.f. 2.640**
- 39. C. Christova, C. H. Scholz, and H. Kao, 2004, Stress field in the Vanuatu (New Hebrides) Wadati-Benioff zone inferred by inversion of earthquake focal mechanisms: evidences for systematic lateral and vertical variations, *J. Geodynamics*, 37, 125-137. imp.f. 1.545**
- C1. Bohnhoff M., 2005. On the relation of stress and deformation fields to natural and induced seismicity, Scientific Technical Report STR 06/04, GeoForschungs Zentrum Potsdam, 150pp.
- C2. M Bohnhoff, HP Harjes, T Meier, 2005. Deformation and stress regimes in the Hellenic subduction zone from focal mechanisms, *J. of Seismology*, 9: 341–366. **imp.f. 0.754**
- C3. Frohlich C., 2006. *Deep Earthquakes*, Cambridge Univ. Press, 588 pp.
- C4. Sucle J., Grunthal G., 2009. Probabilistic hazard model for Vanuatu, *BSSA*, 99, 2108-2126., **imp. f. 1.860**
- C5. Allibone R., Cronin S.J., Charley D.T., Neall V.E., Stewart R.B., Oppenheimer C., 2010. Dental Fluorosis to degassing of Ambrym volcano, Vanuatu: a novel exposure pathway. *Environ Geochem Health*, DOI 10.1007/s10653-010-9338-2. **imp.f. 1.667**
- 40. Christova C., 2004. Stress field in the Ryukyu-Kyushu Wadati-Benioff zone by inversion of earthquake focal mechanisms, *Tectonophys.*, 384, 175-189. imp. f. 1.73**
- C1. Frohlich C., 2006. *Deep Earthquakes*, Cambridge Univ. Press, 588 pp.
- C2. Naito Kazuya, A numerical study of subduction initiation with deformation analysis of lithosphere in convergent system using Discrete Element Method, *Ocean Floor Geo Science Seminar Nov. 2007*, University of Tokyo.
- C3. Umeda, K., McCrank, G.F., Ninomiya, A., 2007. Helium isotopes as geochemical indicators of a serpentinized fore-arc mantle wedge. *J. Geophys. Res.* 112 (10), art. nb. B10206. **imp.f. 2.8**
- C4. Shellart W.P., Stegman, D.R., Freeman, J., 2008. Global trench migration velocities and slab migration induced upper mantle volume fluxes: Constraints to find an Earth reference frame based on minimizing viscous dissipation. *Earth Sci Rev.*, 88, 1-2, 118-144. **imp. f. 6.558**
- C5. Ghimire S., Kasahara M., 2009. Spatial variation in seismotectonics and stress conditions across the Kurile and Japan trenches inferred from the analysis of focal mechanism data in Hokkaido, northern Japan, *J. Geodynamics*, doi:10.1016/j.jog.2008.07.007. **imp.f. 1.812**
- C6. Khan, P.K., Chakraborty, P.P., 2008. Bearing of plate geometry and rheology on shallow-focus mega-thrust seismicity with special reference to 26 December 2004 Sumatra event, *J. Asian Earth Sci*, 34, 3, 480-491. **imp.f. 2.215**
- C7. Lange D., 2008. The South Chilean subduction zone between 41 and 43.5S: seismicity, structure and state of stress. PhD Thesis, Potsdam University, Germany, 134pp.
- C8. Huilin Xing, 2009. *Advances in Geocomputing*, 325 pp., Springer, ISBN 3540858776, 978354085877
- C9. Chakraborty P.P. and Khan P.K., 2009. Cenozoic geodynamic evolution of the Andaman–Sumatra subduction margin: Current understanding., *Island Arcs*, 118, 184-200. **imp. f. 1.182**

- C10. Liu, Y., Shi, Y., Sevre, E.O.D., Xing, H., Yuen, D.A., 2009. Probabilistic forecast of tsunami hazards along Chinese coast.. *Journal of Asian Earth Sciences* 34 (3), pp. 480-491. Springer Berlin Heidelberg ISSN0930-0317 Volume 119/2009. **imp.f. 2.215**
- C11. Wen-nan Wu, 2009. Seismogenic Characteristics and Tectonic Stress along the Western Convergent Zone of the Philippine Sea Plate. PhD Thesis, Graduate Institute of Geophysics, Taipei, Taiwan, 130pp.
- C12. H.Yokose, H. Sato, Y. Fujimoto, M.Hannah, T. Mirabueno, T. Kobayashi, K. Akimoto, H. Yoshimura, Y. Morii, N. Yamawaki, T. Ishii and E. Honza, 2010.. Mid-Pleistocene Submarine Acidic Volcanism of the Tokara Islands, Japan . *Chigaku Zasshi (Journal of Geography)*, Vol. 119, No. 1, p.46-68.
- C13. Wu, W.-N., Kao, H., Hsu, S.-K., Lo, C.-L., Chen, H.-W. , 2010. Spatial variation of the crustal stress field along the Ryukyu-Taiwan-Luzon convergent boundary. *J. Geophys. Res.*,115 (11), art. no. B11401. **imp.f. 3.303**
- C14. Liu X., Wang S. Wang E., 2011. A study on the uplift mechanism of Tongjiezi dam using a coupled hydro-mechanical model, *Engineering Geology*, 117, 134-150. **imp.f. 1.442**
- C15. Khan P.K., 2011. Role of unbalanced slab resistive force in the 2004 off Sumatra mega-earthquake(Mw >9.0) event. *Int. J. Earth Sci.*, 100, 749-1758. **imp.f. 2.640**
- C16. Nakamura M., 2011. Aftershock distribution of the February 27, 2010 Okinawa-honto Kinkai earthquake (Japan) using sP depth phase. *Tectonophys.*, 512, 22-30. **imp.f. 2.509**
41. ***Christova C., 2004. Space distribution of stresses in the Izu-Bonin Wadati-Benioff zone by inversion of earthquake focal mechanisms. Fourth National Conference with International Participation “Geophysics in economic activity, environment and cultural heritage investigations”, 4-5 Oct. 2004, Sofia, Book of Abstracts, publ. by Bulg. Geophys. Society, 2004, 68-69.***
42. ***Dimova S., C. Christova, R. Glavcheva, M. Haralanov, 2004. A macroseismic survey in the epicentral zone of 17 December 2003 Provardia earthquake (Md 4.4). Fourth National Conference with International Participation “Geophysics in economic activity, environment and cultural heritage investigations”, 4-5 Oct. 2004, Sofia, Book of Abstracts, publ. by Bulg. Geophys. Society, 2004, 72 – 74.***
- C1. Botev E.Botev, Dimitrova S. and Tzoncheva I., 2007. Earthquake monitoring in Provardia region. 3D Sci Conference with International Participation, *SENS 2007*, 27–29 June 2007, Varna, Bulgaria, 243-247.
- C2. Paskaleva I., Nikolova S., Dimitrova L.. 2010. Monitoring networks—Way for improving risk assessment from natural and manmade hazards: Case study salt mine Provardia (NE Bulgaria). *Acta Geodaetica et Geophysica-Hungarica*, 45, 3880402. **imp.f. 0.892**
43. ***Christova C., 2005, Space distribution of the contemporary stress field in the Izu-Bonin Wadati-Benioff zone by inversion of earthquake focal mechanisms, J. Geodynamics, 39, 413-428. imp. f. 1.545***
- C1. Nakajima J., Hasegawa A. 2006. Anomalous low-velocity zone and linear alignment of seismicity along it in the subducted Pacific slab beneath Kanto, Japan: Reactivation of subducted fracture zone? *Geophys. Res. Lett.* 33, L16309, doi:10.1029/2006GL026773 **imp.f. 2.602**
- C2. Rodkin M.V., 2006. Implications of differences in thermodynamic conditions for the seismic process. *Izvestiya, Physics of the Solid Earth* 42 (9), pp. 745-754. **imp.f. 0.270**
- C3. Naito Kazuya, 2007. A numerical study of subduction initiation with deformation analysis of lithosphere in convergent system using Discrete Element Method. *Ocean Floor Geo Science Seminar Nov. 2007*, University of Tokyo.
44. ***Christova C. and Nikolova S. 2005. Contemporary plate tectonics in the Aegean region by seismological studies, In: “Earthquake monitoring and seismic hazard mitigation in Balkan countries– NATO ARW 11-17 Sept. 2005-Borovetz-Bulgaria”, Book of abstracts, Editors E.S. Husebye and C. Christova, 21-25.***
45. ***Christova C., Hirata N., Kato A., 2006. Contemporary stress field in the Wadati-Benioff zone beneath North Honshu and the Hokkaido corner by inversion of earthquake focal mechanisms - evidences for 3-planar distribution of the stresses. Ext. abstract, National Conference Geosciences, 2006, Abstr. Book, 326-329.***
46. ***Christova C., Hirata N., Kato A., 2006. Contemporary stress field in the Hokkaido Wadati-Benioff zone by inversion of earthquake focal mechanisms - evidence for tearing of the subducting slab. Ext. abstract, National Conference Geosciences, 2006, Abstr. Book, 330-333.***
47. ***Bonnardot M.-A., Christova C., Rügner R., Ruellan E., Tric E., Hassani R., 2006. New insights on the Tonga subduction zone from a seismotectonic study. Ext. abstract, Geophys. Res. Abstracts, Vol. 8, 07813, 2006 SRef-ID: 1607-7962/gra/EGU06-A-07813, EUG, 2006, Vienna.***

48. **Bonnardot M.-A., Régnier M., Christova C., Ruellan E., Tric E., 2006. Stress field in the Tonga Benioff zone and geodynamical model for the first stages of the Lau Basin opening. AGU Fall meeting, December 11-15th 2006, San Francisco, USA.**
49. **Christova C., Hirata N., Kato A., 2006. Contemporary Stress Field in the Wadati-Benioff Zone at the Japan-Kurile arc-arc junction (North Honshu, the Hokkaido corner and Hokkaido Island) by Inversion of Earthquake Focal Mechanisms", Bull. Earthquake Res. Inst. Univ. Tokyo, 81, 55-70.**
- C1. Ghimire S., Kasahara M., 2009. Spatial variation in seismotectonics and stress conditions across the Kurile and Japan trenches inferred from the analysis of focal mechanism data in Hokkaido, northern Japan, *J. Geodynamics*, doi:10.1016/j.jog.2008.07.007. **imp.f. 1.812**
- C2. Ghimire S., Tanioka Y., 2011, Spatial distribution of stress and frictional strength along the interplate boundary in northern Japan and its correlation to the locations of large earthquakes. *Tectonophysics*, 511 (1-2), 1-13. **Imp.f. 2.509**
50. **Bonnardot M.-A., Regnier R., Ruellan E., Tric E., Christova C., Hassani R., 2007. Seismicity and state of stress within the overriding plate of the Tonga-Kermadec subduction zone. *Tectonics*, doi:10.1029/2006TC002044. **imp. f. 2.4****
- C1. Wallace, L. M., S. Ellis, and P. Mann, 2009. Collisional model for rapid fore-arc block rotations, arc curvature, and episodic back-arc rifting in subduction settings, *Geochem. Geophys. Geosyst.*, 10, Q05001, doi: 10.1029/2008GC002220., **imp.f. 2.626**
- C2. Beaven J. Wang X., Holden C., Wilson K., Power W., Prasetya G., Bevis M. and Kautoke R., 2010. Near-simultaneous great earthquakes at Tongan megathrust and outer rise in September 2009, *Nature*, 466, 959-963, doi:10.1038/nature09292, **imp.f. 36.101**
- C3. Collot J., Lafoy I., Celi L., 2011. Structural provinces of the Southwest Pacific-Explanatory notes. Geological Survey of New Caledonia - DIMENC IFREMER. 44pp.
- C4. Contreras-Reyes, E., I. Grevenmeyer, A. B. Watts, E. R. Flueh, C. Peirce, S. Moeller, and C. Papenberg, 2011. Deep seismic structure of the Tonga subduction zone: Implications for mantle hydration, tectonic erosion, and arc magmatism, *J. Geophys. Res.*, 116, B10103, doi:10.1029/2011JB008434. **Imp.f. 3.303**
- C5. Power W., Wallace L., Wang X., Reyners M., 2012. Tsunami hazard posed to New Zealand by the Kermadec and Southern New Hebrides subduction margins: an assessment based on plate boundary kinematics, interseismic coupling, and historical seismicity, *Pure Appl. Geophys*, 169, 1-36. **imp.f. 1.091**
51. **Christova C., 2007. Stresses in Subduction Zones, Kynote lecture, ext. abstract, Abstr. Book, Symp. "Subduction Dynamics - Bridging the Scales", 29 May-1 June, 2007, Ruhr University, Bochum, Germany, p. 18-23.**
52. **Christova C., 2007. Stresses in subducting slabs - the Aegean region, Ryukyu-Kyushu, North Honshu, Hokkaido Corner, and Hokkaido Island as examples, ext. abstract, Abstr. Book, Symp. "Subduction Dynamics - Bridging the Scales", 29 May-1 June, 2007, Ruhr University, Bochum, Germany, p. 67-69.**
53. **Bonnardot M.-A., Regnier R., Christova C., Ruellan E., Tric E., 2009. Seismological evidences for a slab detachment in the Tonga subduction zone, *Tectonophysics*, ISSN: 0040-1951, 464, 84-99, **imp. f. 1.935****
- C1. McCrory, P.A., Wilson, D.S., 2009. Interpreting the tectonic evolution of Pacific Rim margins using plate kinematics and slab-window volcanism. *Tectonophysics*, 464, 3-9. **imp. f. 1.935**
- C2. International Seismological Centre Annual Director's Report, 2009., 29 pp.
- C3. Schellart, W. P. 2010. Evolution of subduction zone curvature and its dependence on the trench velocity and the slab to upper mantle viscosity ratio. *J. Geophys. Res.* 115, (11), art. no. B11406 **imp.f. 3.303**
- C4. Wallas L.M., Reyners M., Beaven J., 2011. Tsunami source modelling report for Samoa, in *GNS Science*, 106 pp.
- C5. Cao MJ., Qin KZ, Li JL., 2011. Research progress on the flat subduction and its metallogenic effect, two cases analysis and some prospects. *Acta Petrologica Sinica*, 27, 12, 3727-3748. **imp.f. 1.055**

### III. НАУЧНО-ПОПУЛЪЯРНИ ПУБЛИКАЦИИ

1. Христова Ц., Рангелов Б., Ковачева М., 1995. XXI Световен Конгрес на Международния Съюз по Геодезия и Геофизика (IUGG), 2-14 юли 1995, БГС XXI, 4, 119-120.
2. Христова Ц., 1996. Първа Национална Конференция по Геофизика. БГС, XXII, 2, 127-128.
3. Christova C., 1999. Second National Geophysical Conference with International Participation Sofia'98, *BGJ*, 25, 1-4, 235-236.

София, 22.02.2012 г.