

## Constantinos Koutsojannis PhD

*Professor, of Medical Physics*

*University of Patras*

Dr. Constantinos Koutsojannis is Professor of Medical Physics at Physiotherapy Department and also works on research and teaching at Medical Department and the Computer Engineering and Informatics Department of University of Patras, Greece. He has also long experience in teaching undergraduate and postgraduate courses. He is also, head of Health-Physics and Computational Intelligence Lab, with rich activities on Health Professional Training projects on Informatics, Digital Skills and new Medical Technologies. He has published more than 70 papers in international journals, edited volumes, international conferences and workshop proceedings part of related with health professional safety approaches. His published work has collected more than 1000 citations. Additionally an adequate number of them are related to He has also participated as scientific coordinator or team member in several National and international or European research, educational or vocational training projects as *Erasmus+ KA2*, Sector Skill Alliances, Horizon, *Archimedes III*, *Pythagoras II*, *Erasmus Mundus Lot 2* and *Grundvig II*. He is currently consultant in Artificial Intelligence Working Group and member of Project Committee of EFOMP.

### I. Professional qualifications

- **Physics Degree (1987)** Bachelor of Physics, University of Patras, School of Physics, Faculty of Sciences.
- **Doctor of Philosophy (PhD)** (1994) School of Medicine, Faculty Of Health Sciences, The University of Patras, GR.

### II. Employment history

- **Clinical license as a Medical Physicist** since 1995.
- **Clinical experience:** 9 years in Medical Diagnostic Center and Clinics, Greece.
- **Educational experience:** 5 years Training Director in VET “Daphne”, Greece

### III. Academic history -teaching

- **Teaching in undergraduate Nursing programs - fixed term contracts** (1996-2008) Technological Educational Institute (TEI of Patras).
- **Lecturer in Physiotherapy** (2005-2008) in the Departments of Physiotherapy of TEI of Patras (undergraduate teaching)
- **Department of Physiotherapy of TEI of Western Greece** (previous name TEI of Patras) - undergraduate & postgraduate teaching as Assistant Professor (2008 - 2015) & as Associate Professor in Physiotherapy (11/2015 – till today)
- **Academic Collaborator in postgraduate programs** – University of Patras, University Of Athens, Panteion University of Athens, University of Ioannina, TEI of Western Greece.

#### IV. Research Activity- Publications – Citations- Conferences

##### 1. Research interests

- **Non-ionizing radiation protection in medicine**, Medical Physics, Health Physics, Bio-signals, electrophysiology, medical error, intelligent medical systems (pandemics, health sector management, diagnosis, etc).

##### 2. Publications in peer reviewed scientific journals

74 papers in databases (Medline, Scopus) with impact factor – **publications of the last 5 years (2015-2021): 17**

##### 3. Greek publications in peer-reviewed journals (3 papers)

##### 4. Publications from conference proceedings-peer reviewed (35 in total)

##### 5. Citations) in international scientific journals (> 1000 citations)

##### 6. Invited lectures in conferences (> 5 presentations in national conferences)

##### 7. Paper presentations in international and/or European (> 30) & national conferences (>5)

##### 8. Instructor in scientific symposiums –workshops: 12

##### 9. Writing-Editing – writing of chapter in scientific editing of 4 books in Greek, 1 in English

##### 10. Involvement in the primary research team of 6 European funded research programs

##### 11. Reviewer in several international scientific journals 2

##### 12. Member of several scientific committees & round tables 2

##### 13. Bursaries (6 in total for master and doctoral studies)

##### 14. Awards - 1 award for best free paper presentation in international conference

#### Papers

1. Adamopoulou Maria, Velissaris Dimitrios, Michou Ioanna, **Koutsojannis Constantinos**, Clinical Decision Making and Outcome Prediction for COVID-19 Patients Using Machine Learning, January 2022, DOI: [10.1007/978-3-030-99194-4\\_1](https://doi.org/10.1007/978-3-030-99194-4_1) In book: Pervasive Computing Technologies for Healthcare
2. Marina G. Karachaliou, Gerasimos A. T. Messaris, Vassilios C. Loukopoulos, **Constantinos M. Koutsojannis**, Petros E. Zampakis and George T. Karahalios The missing role of hydrodynamic stresses on ascending aortic dissection, *Physics of Fluids* **33**, 011901 (2021)
3. Petros Zampakis, Nontas Ntzanis, Vasilios Panagiotopoulos, Christina Kalogeropoulou, Fotis Anagnostopoulos, Ioannis Hatzilygeroudis, Gerasimos Messaris, **Constantinos Koutsojannis**, Development of an Intelligent System for the determination of rupture-related characteristics in intracranial aneurysms detected by Computed Tomography Angiography, *Hellenic Journal of Radiology*, 2020 5(4).
4. Dimitra Makrynioti, Zoi Zagoriti, **Constantinos Koutsojannis**, Philip B. Morgan, George Lagoumintzis, *Ocular conditions, and dry eye due to traditional and new forms of smoking: A review*. Contact lens & anterior eye, 2020 (First published: 25 February 2020)

5. Giannopoulou G, Giannopoulos A. **Koutsojannis C.** The Therapeutic Efficiency Of Hyperthermia Compared With Short-Wave Diathermy, *AC Orthopaedics* 2020; 3:2:01-07.
6. Vasilis Kanellopoulos, Andreas Andrikopoulos, **Constantinos Koutsojannis**, A Pilot Study of an Online Intelligent Environmental Observation System for Monitoring and Evaluating Public Health Hazard from Indoor and Outdoor Pollutants, *American Journal of Environmental Protection*. Vol. 8, No. 6, 2019, pp. 133-164. doi: 10.11648/j.ajep.20190806.14
7. G Lagoumintzis, Z Zagoriti, M Jensen, Th Argyrakos, **C Koutsojannis**, K Poulas. Wireless Direct Microampere Current in Wound Healing: Calculation of Tissue Potentials Along with Clinical and Immunohistological Data, *Biosensors* (2019) 9:3, DOI: 10.3390/bios9030107
8. Kalogeropoulou C., Zampakis P., Tsimara M., Panagopoulos K., Hatzilygeroudis I., **Koutsojannis, C.** Intelligent System for Preoperative Evaluation of Parathyroid Gland for Surgical Intervention Prediction, *Journal of Clinical and Experimental Radiology*, (2019), 2:1 DOI: 10.4172/JCER-1000106
9. Lagounintzis, G., Andrikopoulos, A., Adamopoulos, A., Seimenis, I., **Koutsojannis, C.** Microwave Diathermy Induces Mitogen Activated Protein Kinases And Tumor Necrosis Factor- $\alpha$  In Cultured Human Monocytes, *Electromagnetic Biology and Medicine* (2019), DOI: 10.1080/15368378.2019.1613426
10. **Koutsojannis, C.**, Andrikopoulos, A., Adamopoulos, A., Seimenis, I. Magneto-therapy in physiotherapy: Introduction of a quality control procedure due to lack of maintenance, *Radiation Protection Dosimetry*, (accepted) (2019) DOI: 10.1093/RPD/NCZ049.
11. **Koutsojannis, C.M.** Electromagnetic radiation from medical equipment: The need for safety procedures due to the time heterogeneity of field strength (2018) *Electromagnetic Radiation: History, Theory and Research*, pp. 117-34. DOI:11.1019/978-1-53614-331-7
12. Andrikopoulos, A., Adamopoulos, A., **Koutsojannis, C.** Microwave diathermy in physiotherapy units: lack of maintenance (2018) *European Journal of Physiotherapy*, 20 (4), pp. 207-212. DOI: 10.1080/21679169.2018.1452979
13. **Koutsojannis, C.**, Andrikopoulos, A., Adamopoulos, A., Seimenis, I. Microwave diathermy in physiotherapy: Introduction and evaluation of a quality control procedure (2018) *Radiation Protection Dosimetry*, 181 (3), pp. 229-239. DOI: 10.1093/RPD/NCY018
14. Tsekoura, M., Billis, E., Gliatis, J., Matzaroglou, C., **Koutsojannis, C.**, Tsepis, E., Panagiotopoulos, E. Assessment of muscle mass in the elderly in clinical practice (2017) *Archives of Hellenic Medicine*, 34 (6), pp. 745-753.
15. Andrikopoulos, A., Adamopoulos, A., Seimenis, I., **Koutsojannis, C.** Microwave diathermy in physiotherapy units: A survey on spatial and time heterogeneity of the electromagnetic field (2017) *Journal of Radiological Protection*, 37 (2), pp. N27-N41. DOI: 10.1088/1361-6498/aa6e63
16. Fousekis, K., Billis, E., Matzaroglou, C., Mylonas, K., **Koutsojannis, C.**, Tsepis, E. Elastic bandaging for orthopedic- and sports-injury prevention and rehabilitation: A

systematic review (2017) *Journal of Sport Rehabilitation*, 26 (3), pp. 269-278. DOI: 10.1123/jsr.2015-0126

17. Billis, E., **Koutsojannis, C.**, Matzaroglou, C., Gliatis, J., Fousekis, K., Gioftsos, G., Papandreou, M., McCarthy, C., Oldham, J.A., Tsepis, E. Association of low back pain on physical, sociodemographic and lifestyle factors across a general population sample within Greece (2017) *Journal of Back and Musculoskeletal Rehabilitation*, 30 (2), pp. 279-290. DOI: 10.3233/BMR-150484
18. Stanev, D., Moustakas, K., Gliatis, J., **Koutsojannis, C.** ACL Reconstruction decision support: Personalized simulation of the lachman test and custom activities (2016) *Methods of Information in Medicine*, 55 (1), pp. 98-105. DOI: 10.3414/ME14-02-0022
19. Bobos, P., Billis, E., Papanikolaou, D.-T., **Koutsojannis, C.**, Macdermid, J.C. Does Deep Cervical Flexor Muscle Training Affect Pain Pressure Thresholds of Myofascial Trigger Points in Patients with Chronic Neck Pain? A Prospective Randomized Controlled Trial (2016) *Rehabilitation Research and Practice*, 2016, art. no. 6480826. DOI: 10.1155/2016/6480826
20. **Koutsojannis, C.**, Andrikopoulos, A., Panayiotakis, G. Wireless therapies: Staff and patient safety regarding inhomogeneity of electromagnetic radiation distribution in Physiotherapy units (2015) *Proceedings of the 2014 4th International Conference on Wireless Mobile Communication and Healthcare - "Transforming Healthcare Through Innovations in Mobile and Wireless Technologies"*, MOBIHEALTH 2014, art. no. 7015939, pp. 176-179. DOI: 10.1109/MOBIHEALTH.2014.7015939
21. Lagoumintzis, G., Sideris, S.G., Kambouris, M.E., Poulas, K., **Koutsojannis, C.**, Rennekampff, H.-O. Wireless micro current stimulation technology improves firework burn healing: Clinical applications of WMCS technology (2015) *Proceedings of the 2014 4th International Conference on Wireless Mobile Communication and Healthcare - "Transforming Healthcare Through Innovations in Mobile and Wireless Technologies"*, MOBIHEALTH 2014, art. no. 7015938, pp. 172-175. DOI: 10.1109/MOBIHEALTH.2014.7015938
22. Kouni, S.N., **Koutsojannis, C.**, Ziavra, N., Giannopoulos, S. A novel method of brainstem auditory evoked potentials using complex verbal stimuli (2014) *North American Journal of Medical Sciences*, 6 (8), pp. 418-421. DOI: 10.4103/1947-2714.139303
23. Tsipouriaris, A., Kogkas, A., Triantafyllou, C., Moustakas, K., **Koutsojannis, C.** Simulation of ACL reconstruction dynamics for optimal rehabilitation planning (2014) *Proceedings - REHAB 2014*, pp. 335-338. DOI: 10.4108/icst.pervasivehealth.2014.255284
24. Kouni, S.N., Giannopoulos, S., Ziavra, N., **Koutsojannis, C.** Brainstem auditory evoked potentials with the use of acoustic clicks and complex verbal sounds in young adults with learning disabilities (2013) *American Journal of Otolaryngology - Head and Neck Medicine and Surgery*, 34 (6), pp. 646-651 DOI: 10.1016/j.amjoto.2013.07.004
25. **Koutsojannis, C.**, Chaidemenos, P., Tsepis, E., Fousekis, K., Billis, E. Non ionizing radiation and physiotherapy (2013) *Epitheorese Klinikes Farmakologias kai Farmakokinetikes*, 31 (3), pp. 165-170.

26. Lampropoulou, S., Theodoropoulos, C., Tachoulas, G., Billis, E., Moutzouri, M., Vasiliadi, K., **Koutsojannis, C.**, Tsepis, I. Parameters of student success of the physiotherapy Department, TEI of patras in specialty lectures (2013) *Epitheorese Klinikes Farmakologias kai Farmakokinetikes*, 31 (3), pp. 171-181.
27. **Koutsojannis, C.**, Lithari, C., Hatzilygeroudis, I. Managing urinary incontinence through hand-held real-time decision support aid (2012) *Computer Methods and Programs in Biomedicine*, 107 (1), pp. 84-89. DOI: 10.1016/j.cmpb.2012.02.012
28. Kounis, N.G., Kounis, G.N., **Koutsojannis, C.**, Tsigkas, G., Almpanis, G., Mazarakis, A. Metal allergy, atrial septal occluder devices and the risk of kounis syndrome (2010) *Annals of Thoracic Surgery*, 90 (6), pp. 2087-2088. DOI: 10.1016/j.athoracsur.2010.04.076
29. Almpanis, G., Mazarakis, A., Tsigkas, G., **Koutsojannis, C.**, Kounis, G.N., Kounis, N.G. Acute stent thrombosis and atopy: Implications for Kounis syndrome (2010) *International Journal of Cardiology*, 145 (2), pp. 398-400. DOI: 10.1016/j.ijcard.2010.04.028
30. Almpanis, G.C., Tsigkas, G.G., **Koutsojannis, C.**, Mazarakis, A., Kounis, G.N., Kounis, N.G. Nickel allergy, Kounis syndrome and intracardiac metal devices (2010) *International Journal of Cardiology*, 145 (2), pp. 364-365. DOI: 10.1016/j.ijcard.2010.02.038
31. **Koutsojannis, C.**, Lithari, C., Nabil, E.A., Bakogiannis, G., Hatzilygeroudis, I. Managing urinary incontinence through hand-held real-time decision support aid (2010) *IFMBE Proceedings*, 29, pp. 913-919. DOI: 10.1007/978-3-642-13039-7\_231
32. Kounis, N.G., Kounis, G.N., Almpanis, G., Mazarakis, A., **Koutsojannis, C.** Extracellular Matrix Metalloproteinase Inducer (EMMPRIN), Acute Myocardial Infarction and the Kounis Syndrome (2010) *Archives of Medical Research*, 41 (2), p. 149. DOI: 10.1016/j.arcmed.2010.01.006
33. **Koutsojannis, C.**, Kaplanis, S. Medical physics degree: A mature choice for Greece (2009) *IFMBE Proceedings*, 25 (13), pp. 78-81. DOI: 10.1007/978-3-642-03895-2-23
34. **Koutsojannis, C.**, Nabil, E., Tsimara, M., Hatzilygeroudis, I. Using machine learning techniques to improve the behaviour of a medical decision support system for prostate diseases (2009) *ISDA 2009 - 9th International Conference on Intelligent Systems Design and Applications*, art. no. 5364856, pp. 341-346. DOI: 10.1109/ISDA.2009.110
35. **Koutsojannis, C.**, Koupparis, A., Hatzilygeroudis, I. HEPAR: An intelligent system for hepatitis prognosis and liver transplantation decision support (2009) *Studies in Computational Intelligence*, 166, pp. 163-180. DOI: 10.1007/978-3-540-88069-1\_13
36. **Koutsojannis, C.M.** Electric stimulation and pudendal evoked potential recordings for management of stress incontinence in women (2008) *IFMBE Proceedings*, 22, pp. 1862-1866. DOI: 10.1007/978-3-540-89208-3\_443
37. **Koutsojannis, C.**, Hatzilygeroudis, I. PIESYS: A patient model-based intelligent system for continuing hypertension management (2008) *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 4924 LNAI, pp. 137-148. DOI: 10.1007/978-3-540-78624-5\_11

38. Hatzilygeroudis, I., **Koutsojannis, C.**, Papachristou, N. Improving the adaptiveness of an e-learning system (2008) *Studies in Computational Intelligence*, 93, pp. 177-198, DOI: 10.1007/978-3-540-76361\_9
39. **Koutsojannis, C.**, Hatzilygeroudis, I. Using a neurofuzzy approach in a medical application (2007) *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 4693 LNAI (PART 2), pp. 477-484. DOI: 10.1007/978-3-540-74827-4\_60
40. Hatzilygeroudis, I., **Koutsojannis, C.**, Papachristou, N. Evaluation of usability and assessment capabilities of an e-learning System for Nursing Radiation Protection (2007) *Proceedings - IEEE Symposium on Computer-Based Medical Systems*, art. no. 4262666, pp. 301-306. DOI: 10.1109/CBMS.2007.47
41. **Koutsojannis, C.**, Beligiannis, G., Hatzilygeroudis, I., Papavlasopoulos, C., Prentzas, J. Using a hybrid AI approach for exercise difficulty level adaptation (2007) *International Journal of Continuing Engineering Education and Life-Long Learning*, 17 (4-5), DOI:10.1504/IJCEELL.2007.015042
42. Niarchos, C., Kounis, G.N., Frangides, C.R., **Koutsojannis, C.M.**, Batsolaki, M., Gouvelou-Deligianni, G.V., Kounis, N.G. Large hydatid cyst of the left ventricle associated with syncopal attacks (2007) *International Journal of Cardiology*, 118 (1), pp. e24-e26. DOI: 10.1016/j.ijcard.2006.11.251
43. Hatzilygeroudis, I., **Koutsojannis, C.**, Papachristou, N. Adding adaptive assessment capabilities to an e-learning system (2006) *Proceedings - SMAP 2006: 1st International Workshop on Semantic Media Adaptation and Personalization*, art. no. 4041961, pp. 68-73. DOI: 10.1109/SMAP.2006.8
44. Hatzilygeroudis, I., **Koutsojannis, C.**, Papavlasopoulos, C., Prentzas, J. Knowledge-based adaptive assessment in a web-based intelligent educational system (2006) *Proceedings - Sixth International Conference on Advanced Learning Technologies, ICAALT 2006*, 2006, art. no. 1652526, pp. 651-655.
45. Kouni, S.N., Papadeas, E.S., Varakis, I.N., Kouvelas, H.D., **Koutsojannis, C.M.** Auditory brainstem responses in dyslexia: Comparison between acoustic click and verbal stimulus events (2006) *Journal of Otolaryngology*, 35 (5), pp. 305-309. DOI: 10.2310/7070.2005.4128
46. Frangides, C., Kouni, S., Niarchos, C., **Koutsojannis, C.** Hypersensitivity and Kounis syndrome due to a viper bite (2006) *European Journal of Internal Medicine*, 17 (3), pp. 215-216. DOI: 10.1016/j.ejim.2005.11.016
47. Barbopoulos, G., **Koutsojannis, C.** Taxonomy-of dialog-based intelligent tutoring systems (2006) *WSEAS Transactions on Information Science and Applications*, 3 (2), pp. 232-238.
48. Kiekkas, P., Karga, M., Pouloupoulou, M., Karpouhsti, I., Papadoulas, V., **Koutsojannis, C.** Use of technological equipment in critical care units: Nurses' perceptions in Greece (2006) *Journal of Clinical Nursing*, 15 (2), pp. 178-187. DOI: 10.1111/j.1365-2702.2006.01243.x
49. **Koutsojannis, C.**, Hatzilygeroudis, I. Fuzzy-evolutionary synergism in an intelligent medical diagnosis system (2006) *Lecture Notes in Computer Science (including*

subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 4252 LNAI - II, pp. 1313-1322.

50. Beligiannis, G., Hatzilygeroudis, I., **Koutsojannis, C.**, Prentzas, J. A GA driven intelligent system for medical diagnosis (2006) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 4251 LNAI - I, pp. 968-975.
51. Frangides, C.Y., Koulouras, V., Kouni, S.N., Tzortzatos, G.V., Nikolaou, A., Pneumatics, J., Pierrakeas, C., Niarchos, C., Kounis, N.G., **Koutsojannis, C.M.** Snake venom poisoning in Greece. Experiences with 147 cases (2006) European Journal of Internal Medicine, 17 (1), pp. 24-27. DOI: 10.1016/j.ejim.2005.10.001
52. Hatzilygeroudis, I., Giannoulis, C., **Koutsojannis, C.** Combining expert systems and adaptive hypermedia technologies in a web based educational system (2005) Proceedings - 5th IEEE International Conference on Advanced Learning Technologies, ICALT 2005, 2005, art. no. 1508666, pp. 249-253. DOI: 10.1109/ICALT.2005.86
53. Hatzilygeroudis, I., Chountis, P., Giannoulis, C., **Koutsojannis, C.** Using expert systems technology for student evaluation in a web based educational system (2005) Proceedings of the IASTED International Conference on Web-Based Education, WBE 2005, pp. 534-539.
54. Soufras, G.D., Ginopoulos, P.V., Papadaki, P.J., Zavras, G.M., Gouvelou-Deligianni, G.V., Batsolaki, M., Kouni, S., Kounis, N.G., **Koutsojannis, C.M.** Penicillin allergy in cancer patients manifesting as Kounis syndrome (2005) Heart and Vessels, 20 (4), pp. 159-163. DOI: 10.1007/s00380-004-0804-6
55. Kounis, N.G., Kouni, S.N., **Koutsojannis, C.M.** Myocardial infarction after aspirin treatment, and Kounis syndrome [11] (2005) Journal of the Royal Society of Medicine, 98 (6), p. 296.
56. Mazarakis, A., **Koutsojannis, C.M.**, Kounis, N.G., Alexopoulos, D. Cefuroxime-induced coronary artery spasm manifesting as Kounis syndrome (2005) Acta Cardiologica, 60 (3), pp. 341-345. DOI: 10.2143/AC.60.3.2005015
57. Papasimos, S., **Koutsojannis, C.M.**, Panagopoulos, A., Megas, P., Lambiris, E. A randomised comparison of AMBI, TGN and PFN for treatment of unstable trochanteric fractures. (2005) Archives of orthopaedic and trauma surgery, 125 (7), pp. 462-468. DOI: 10.1007/s00402-005-0021-5
58. **Koutsojannis, C.**, Hatzilygeroudis, L. FESMI: A fuzzy expert system for diagnosis and treatment of male impotence (2004) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 3214, pp. 1106-1113.
59. Hatzilygeroudis, I., Giannoulis, C., Koutsojannis, C. A web-based education system for predicate logic (2004) Proceedings - IEEE International Conference on Advanced Learning Technologies, ICALT 2004, pp. 106-110. DOI: 10.1109/ICALT.2004.1357384
60. **Koutsojannis, C.M.**, Mallioris, C.N., Kounis, N.G., Goto, Y., Takagi, S., Miyazaki, S., Nonogi, H. Corticosteroids, Kounis syndrome and the treatment of refractory vasospastic angina (multiple letters) (2004) Circulation Journal, 68 (8), pp. 806-807. DOI: 10.1253/circj.68.806

61. **Koutsojannis, C.M.**, Mallioris, C.N., Kounis, N.G., Goto, Y., Takagi, S., Miyazaki, S., Nonogi, H. Corticosteroids, Kounis syndrome and the treatment of refractory vasospastic angina (multiple letters) (2004) *Circulation Journal*, 68 (8), pp. 806-807. DOI: 10.1253/circj.68.806
62. Zavras, G.M., Papadaki, P.J., Kokkinis, C.E., Kalokairinov, K., Kouni, S.N., Batsolaki, M., Gouvelou-Deligianni, G.V., **Koutsojannis, C.M.** Kounis syndrome secondary to allergic reaction following shellfish ingestion (2003) *International Journal of Clinical Practice*, 57 (7), pp. 622-624.
63. Kounis, N.G., Zavras, G.M., Papadaki, P.J., Kouni, S.N., Batsolaki, M., Gouvelou-Deligianni, G.V., **Koutsojannis, C.C.** Pneumomediastinum and cervical emphysema associated with unusual clinical and electrocardiographic manifestations: A case report (2003) *Angiology*, 54 (5), pp. 631-635. DOI: 10.1177/000331970305400516
64. Kounis, N.G., Zavras, G.M., Papadaki, P.J., Kouni, S.N., Batsolaki, M., Gouvelou-Deligianni, G.V., Mallioris, C.N., Artinopoulos, C.J., Feretis, A., **Koutsojannis, C.M.** Late colonic obstruction after barium meal examination in a myxoedematous patient (2003) *International Journal of Clinical Practice*, 57 (1), pp. 68-69.
65. Kounis, N.G., Zavras, G.M., Papadaki, P.J., Kouni, S.N., Batsolaki, M., Gouvelou-Deligianni, G.V., Markoglou, C., Goudevenos, J.A., Mallioris, C.N., Kokkinis, C., Kalokairinou, K., Grapsas, N., Kounis, G.N., **Koutsojannis, C.M.** Electrocardiographic changes in elderly patients during endoscopic retrograde cholangiopancreatography (2003) *Canadian Journal of Gastroenterology*, 17 (9), DOI: 10.1155/2003/620564
66. Koutsojannis, C., Prentzas, J., Hatzilygeroudis, I. A web-based intelligent tutoring system teaching nursing students fundamental aspects of biomedical technology (2001) *Annual Reports of the Research Reactor Institute, Kyoto University*, 4, pp. 4024-4027.
67. Prentzas, J., Hatzilygeroudis, I., **Koutsojannis, C.** A Web-based ITS controlled by a hybrid expert system (2001) *Proceedings - IEEE International Conference on Advanced Learning Technologies, ICALT 2001*, art. no. 943910, pp. 239-240. DOI: 10.1109/ICALT.2001.943910
68. Zavras, G.M., Papadaki, P.J., Soufras, G.D., Poulos, E.A., Goudevenos, J., Alangoussis, A., Antonakopoulos, K., Frangides, C., Peristeropoulou, S.A., **Koutsojannis, C.** Allergic reactions to local glyceryl trinitrate administration (1996) *British Journal of Clinical Practice*, 50 (8), pp. 437-439.
69. Zavras, G.M., Papadaki, P.J., Kounis, N.G., Vasilakos, P.J., Artinopoulos, C.J., **Koutsojannis, C.**, Panayiotakis, G.S., Goudevenos, J.A., Fezoulidis, I.B. Electrocardiographic changes in elderly patients during small bowel enema (1996) *Investigative Radiology*, 31 (5), pp. 256-260. DOI: 10.1097/00004424-199605000-00002
70. Karamitsos, D.G., Kounis, N.G., Zavras, G.M., Kitrou, M.P., Goudevenos, J.A., Papadaki, P.J., **Koutsojannis, C.M.** Brainstem auditory evoked potentials in patients with ischemic heart disease (1996) *Laryngoscope*, 106 (1 I), pp. 54-57. DOI: 10.1097/00005537-199601000-00011
71. Nikiforidis, G., **Koutsojannis, C.**, Giannoulis, S., Barbalias, G. Reduced variance of latencies in pudendal evoked potentials after normalization for body height (1995) *Neurourology and Urodynamics*, 14 (3), pp. 239-251. DOI: 10.1002/nau.1930140305



72. Tsambaos, D., Nikiforidis, G., **Koutsojannis, C.**, Karamitsos, D., Goumas, P., Berger, H. Auditory evoked potentials in psoriatic patients under oral etretinate therapy [FRUHE AKUSTISCH EVOZIERTE POTENTIALE BEI PSORIATIKERN UNTER ORALER ETRETINAT-THERAPIE] (1994) H+G Zeitschrift fur Hautkrankheiten, 69 (10), pp. 679-781.
73. Nikiforidis, G., Tsambaos, D., Karamitsos, D., **Koutsojannis, C.**, Georgiou, S. Effects of oral isotretinoin on human auditory brainstem response (1994) Dermatology, 189 (1), pp. 62-64. DOI: 10.1159/000246786
74. Nikiforidis, G.C., **Koutsojannis, C.M.**, Varakis, J.N., Goumas, P.D. Reduced variance in the latency and amplitude of the fifth wave of auditory brain stem response after normalization for head size (1993) Ear and Hearing, 14 (6), pp. 423-428. DOI: 10.1097/00003446-199312000-00008
75. Nikiforidis, G.C., Tsambaos, D.G., Karamitsos, D.S., **Koutsojannis, C.C.**, Georgiou, S.V. Brief communication abnormalities of the auditory brainstem response in vitiligo (1993) Scandinavian Audiology, 22 (2), pp. 97-100. DOI: 10.3109/01050399309046024

## BOOKS

1. **Koutsojannis, C.M.** & Sirmakesis S. Tools and Applications with Artificial Intelligence (2009), Springer Pubs pp. 1-211. DOI:10.1007/978-3-540-88069-1
2. **Koutsojannis, C.M.** Electromagnetic radiation: History, theory, and research (2018), NOVA Pubs pp. 1-166. DOI: 11.1019/978-1-53614-331-7
3. **Koutsojannis, C.M.** Medical Knowledge extraction from Big Data (2020), NOVA Pubs pp. 1-265. DOI: 8.2020/978-1-53617-925-5