

PUBLICATIONS

Notes to the List of Publications:

Author sequence: Two separate authorship systems are used throughout the CV to define the author sequence (depending on the field of publication and explicitly stated when relevant):

- "Sequence-Determines-Credit" (SDC) system, accepted in urban and regional studies, according to which the sequence of authors reflects the declining importance of their contribution and authors are ranked in order of diminishing contribution, and
- "First-Last-Author-Emphasis" (FLAE) system accepted in environmental and biological studies, according to which the last author gets as much credit as the first author.¹

Authorship with students: In all papers authored with students (MA, PHD or both) the present author always appears as the *last author* according to the above FLAE rule (unless stated otherwise).

Corresponding author: The notion is based on the ICMJE's definition, according to which the "corresponding author" has a special role in the publication "...who takes responsibility for the integrity of the work as a whole, from inception to published article, and publishes that information." (cf. International Committee of Medical Journals Editors, 2011). In multi-author works, in which I am not the first author, the information regarding the "corresponding author" status is explicitly stated, being adding the "CA" mark, whenever relevant.

Publication language: English, unless stated otherwise.

General publication statistics:

- A) **H-factor:** 25 (Google Scholar; search term: Portnov B*)²
- B) **H-factor:** 15 (Web of Science; search term: Portnov B*)³

C) Ph.D. dissertations

- Ph.D. 1987 (1st Russian Doctoral Degree); Central Scientific and Project Institute of Town-Building (Moscow, Russia). Thesis: 'Architectural and Planning Structure of Daily Services and Facilities in the Areas of Urban Renewal.' (in Russian; Supervisor: Prof. G.A. Maloyan)
- D.Sc. 1994 (2nd Russian Doctoral Degree). Moscow Architectural Institute (Moscow, Russia). Thesis: 'Efficient Use of Land in Residential Areas: Methods of Urban Regulation' (in Russian).

¹ Tschamntke T, Hochberg ME, Rand TA, Resh VH, Krauss J (2007) Author Sequence and Credit for Contributions in Multi-authored Publications. *PLoS Biol* 5(1): e18. doi:10.1371/journal.pbio.0050018.

² https://scholar.google.com/citations?view_op=list_works&hl=en&user=okPbK4QAAAAJ.

³ Web of Science major reference works database (https://apps.webofknowledge.com/WOS_GeneralSearch_input.do?product=WOS&search_mode=GeneralSearch&SID=T19zMmCV1vVViM3Fw6m&preferencesSaved=)

D) Scientific Books

B.1. Authored Books

1. **Portnov B.A.** *Rational Use of Urban Land in the Areas of Renewal*. Krasnoyarsk: Stroyizdat, 1990 (in Russian), 224 pp.
2. **Portnov B.A.** & Erell E. *Urban Clustering: The Benefits and Drawbacks of Location*. Ashgate, Aldershot, 2001, 317 pp.
3. Haim A. and **Portnov B.A.** *Light Pollution as a New Risk Factor for Human Breast and Prostate Cancers*, Springer, Dordrecht et al., June 2013, 168 pp., 26 Illus., 16 in color (Invited book by the publisher).⁴

B.2. Edited Books

1. **Portnov B.A.**, & Hare A. (Eds.) *Desert Regions: Population, Migration, and Environment*. Springer Verlag, Heidelberg et al., 1999, 332 pp.
2. Felsenstein D. & **Portnov B.A.** (Eds.) *Regional Disparities in Small Countries*. Springer Verlag, Heidelberg etc., 2005, 337 pp.

B.3. Textbook

1. **Portnov B.A.** *Renewal of Historical City Districts* (Textbook for Students of Architecture). Krasnoyarsk: KCEI Press, 1995 (in Russian), 100 pp.

C) Refereed Monographs

1. **Portnov B. A.**, & Pearlmutter D. Sustainable Urban Growth in Peripheral Areas: Factors and Paradigms of Regional Planning. In *Progress in Planning Monograph Series*. Elsevier, London, 52(4), 1999, 86 pp.
2. **Portnov BA**, & Erell E. *Interregional Inequalities in Israel: 1948-1995 Census Data*. Research Reports Series #2: Israel Central Bureau of Statistics, Jerusalem, 2003 [separate publications in Hebrew (132 pp.) and English (164 pp.)].

D) Refereed Articles in Scientific Journals

D.1. Published

1. **Portnov B.A.** 'Forming the Places of Daily Recreation in City Renewal Districts,' *Gradostroitelstvo* (Urban Planning), **39**: 60-66 (in Russian), 1986.
2. **Portnov B.A.** 'Organization of Daily Social Facilities in Renewal Areas,' *Gradostroitelstvo* (Urban Planning), **41**: 84-90 (in Russian), 1987.
3. **Portnov B.A.** 'Housing Environment of the City Center: Orientation toward the People's Needs,' *Sociologicheskiye Issledovaniya* (Sociological Research), **4**: 30-37 (in Russian), 1988.

⁴ Follow up publications in international mass media: Carswell P., Embrace the Dark Side, *Woman's World Magazine*, 2015, p.104-110.

4. **Portnov B.A.** 'Typology of Planning Forms of Residential Courtyards,' *Housing and Communal Service*, **6**: 22-24 (in Russian), 1988.
5. **Portnov B.A.** 'Reserves of Territory Use Efficiency in Districts of Urban Renewal,' *Zhilishnoye Stroitelstvo* (Housing Construction), **2(362)**: 21-23 (in Russian), 1988.
6. **Portnov B.A.** 'On the Formation of Population Daily Facilities of the Areas of Urban Renewal,' *Gradostroitelstvo* (Town Planning), **41**: 60-66 (in Russian), 1989.
7. **Portnov B.A.** 'Large Shopping Centers and the Housing Environment,' *Zhilishnoye Stroitelstvo* (Housing Construction), **1(373)**: 16-18 (in Russian), 1989.
8. **Portnov B.A.** 'On the Question of Intensification of Land Use during the Renewal of the 1950's-1960's Residential Districts,' *Gradostroitelstvo* (Town Planning), **42**: 64-70 (in Russian), 1990.
9. **Portnov B.A.** 'City Environment: the Phenomenon of Residential Attractiveness,' *Sociologicheskiye Issledovaniya* (Sociological Research), **1**: 69-74 (in Russian), 1991.
10. **Portnov B.A.** 'Compensational Renewal of the Farmstead Development,' *Architecture of the USSR*, **2**: 86-87 (in Russian), 1991.
11. **Portnov B.A.** 'Problems of Renewal of the Urban Farmstead Development,' *Stroitelstvo* (Building. News of Higher Education), **9**: 39-45 (in Russian), 1991.
12. **Portnov B.A.** 'The Renewal of City Housing using the Self-Help Method,' *Sociologicheskiye Issledovaniya* (Sociological Research), **8**: 78-84 (in Russian), 1992.
13. **Portnov B.A., & Maslovskiy V.** 'On the Question of Privatization of City Housing,' *Zhilishnoye Stroitelstvo* (Housing Construction), **2(410)**: 2-4 (in Russian), 1992.
14. **Portnov B.A.** 'On the Social Status of Residential Neighborhoods: Research and Practice,' *Scandinavian Housing & Planning Research*, **1**, 1994
15. **Portnov B.A.** 'Increase in Town Territory Effectiveness under Changing Socio-Economic Conditions,' *Modelling, Measurement & Control D* **10(1)**: 1-28, 1994
16. **Portnov B.A.** 'Problems of Urban Development under Period of Transition from a Planned to a Market Economy,' *Stroitelstvo* (Building. News of Higher Education), **5-6**: 112-117 (in Russian), 1995.
17. **Portnov B.A., & Maslovskiy V.** 'Residential Land Attractiveness in an Emerging Property Market,' *Netherlands Journal of Housing and Built Environment*, **11(2)**: 107-130, 1996.
18. **Portnov B.A., & Maslovskiy V.** 'Integral Evaluation of the Urban Environment as a Tool of Urban Planning,' *Housing Construction* (Zhilishnoe Stroitelstvo), **11(467)**: 10-13 (in Russian), 1996.
19. **Portnov B.A., & Pearlmutter D.** 'Sustainability of Population Growth: A Case Study of Urban Settlements in Israel,' *Review of Urban and Regional Development Studies*, **9(2)**: 129-145, 1997.
20. **Portnov B.A., Deddies, W.G., McCluskey, W.J. & Kucharska-Stasiak, E.** Addressing the distinctive problems of urban land appraisal in a transitional economy,' *Journal of Tax Assessment & Administration*, **3(1)**: 57-77, 1997.
21. **Portnov B.A., & Erell E.** 'Development Peculiarities of Peripheral Desert Settlements,' *International Journal of Urban and Regional Research*, **22(2)**: 216-232, 1998.

22. **Portnov B.A.** 'The Effect of Housing Construction on Population Migrations in Israel,' *Journal of Ethnic and Migration Studies*, **24(3)**: 541-559, 1998.
23. **Portnov B.A.** 'Social Attractiveness of the Urban Physical Environment: Cities of Siberia,' *Annals of Regional Science*, **32(4)**: 325-348, 1998.
24. **Portnov B.A.** 'The Effect of Housing on Migrations in Israel: 1988-94,' *Journal of Population Economics*, **11(3)**: 379-394, 1998.
25. **Portnov B.A.**, & Erell E. 'Clustering of the Urban Field as a Precondition for Sustainable Urban Growth in Peripheral Areas: The Case of Israel,' *Review of Urban and Regional Development Studies*, **10(2)**: 123-141, 1998.
26. McCluskey W J, **Portnov B.A.**, & Deddis W G (1998) 'Issues and Problems of Urban Land Appraisal in Transitional Economies.' *Real Estate Valuation and Investment*, **3(2)**: 53-66, 1998 (**Note**: the sequence of the authors corresponds to that accepted in urban and regional studies, i.e., in order of diminishing contribution).
27. **Portnov B.A.**, & Pearlmutter D. 'Private Construction as a General Indicator of Urban Development: The Case of Israel,' *International Planning Studies* **4(1)**: 133-161, 1999.
28. **Portnov B.A.** 'The Effect of Regional Inequalities on Migration: A Comparative Analysis of Israel and Japan,' *International Migration*, **37(3)**: 587-615, 1999.
29. **Portnov B.A.**, Erell E, Bivand R, & Nilsen A. 'Investigating the Effect of Clustering of the Urban Field on Sustainable Population growth of Centrally Located and Peripheral Towns,' *International Journal of Population Geography*, **6**: 133-154, 2000.
30. **Portnov B.A.**, & Etzion Y. 'Investigating the Effects of Public Policy on the Interregional Patterns of Population Change: The Case of Israel,' *Socio-economic Planning Sciences*, **34**: 239-269, 2000.
31. **Portnov B.A.** 'Neutral Migration Models for Israel and Japan,' *Journal of Ethnic and Migration Studies*, **26(3)**: 511-533, 2000.
32. **Portnov B.A.**, Meir I, Deddis W.G. & McCluskey W.J. 'Property Tax, Social Equity and Efficiency of Local Authorities in Israel,' *Journal of Property Tax Assessment & Administration*, **5(2)**: 33-59, 2000.
33. **Portnov B.A.**, W.J. McCluskey & W.G. Deddis, 'Property taxation in Israel: a *non ad valorem* approach,' *Land Use Policy*, **18(4)**: 351-64, 2001.
34. **Portnov B.A.** 'Employment-housing Paradigm of Internal Migration: Evidence from Norway,' *International Migration*, **39(2)**: 93-117, 2001.
35. **Portnov B.A.**, Kim D.C. & Ishikawa Y. 'Investigating the Effects of Employment-housing Change on Migration: Evidence from Japan,' *International Journal of Population Geography*, **7(3)**: 189-212, 2001.
36. Etzion Y, **Portnov B.A.**, Erell E, Pearlmutter D. & I. Meir, 'An Open GIS Framework for Recording and Analysing Post-occupancy Changes in Residential Buildings – A Climate-related Case Study,' *Building & Environment*, **36(10)**: 1075-90, 2001 (**Note**: the sequence of the authors corresponds to that accepted in urban and regional studies, i.e., in order of diminishing contribution).
37. Erell E., **Portnov B.A.**, & Etzion Y. Mapping the potential for climate-conscious design of buildings, *Building & Environment* **38(2)**: 271-81, 2002 (**Note**: the sequence of the authors corresponds to that accepted in urban and regional studies, i.e., in order of diminishing contribution).

38. **Portnov, B.A.** 'Intra-urban Inequalities and Planning Strategies: A Case Study of Be'er Sheva, Israel,' *International Planning Studies*, **7(2)**: 137-56, 2002.
39. **Portnov B.A.** Long-term Growth of Small Towns in Israel: Does Location Matter? *Annals of Regional Science*, 2004, **38(4)**: 627-653.
40. **Portnov B.A.,** & Safriel, U. Combating desertification in the Negev: dryland agriculture vs. dryland urbanization, *Journal of Arid Environments*, **56(4)**: 659-680, 2004.
41. **Portnov B.A.** & Rattner A. Investigating the Effect of Inter-urban Income Disparities on Crime Rates in Israel, *Italian Journal of Regional Science (Scienze Regionali)*, 2004, **1**: 78-90.
42. Vaturi A., **Portnov B.A.**^{ca} & Schwartz M. Internal migration and fiscal capacity of local authorities: a case study of the Greater Tel Aviv Metropolitan Area, 1985-1997, *Space & Polity*, **8(1)**: 61-85, 2004 (**Note:** The first author is my MA, and then PhD student; the sequence of the authors corresponds to that accepted in urban and regional studies, i.e., in order of diminishing contribution).
43. Yizhaq, H., **Portnov, B.A.,** & Meron, E. A Mathematical Model of Segregation Patterns in Residential Neighborhoods, *Environment and Planning A*, **36(1)**: 149-172, 2004 (**Note:** the sequence of the authors corresponds to that accepted in urban and regional studies, i.e., in order of diminishing contribution).
44. Gluhik R. & **Portnov B.A.**^{ca} Visualization of the Spatial Patterns of Interurban Income Disparities Using Coordinate Transformations, *International Journal of Geographical Information Science*, **18(4)**: 281-297, 2004 (**Note:** the sequence of the authors corresponds to that accepted in urban and regional studies, i.e., in order of diminishing contribution).
45. **Portnov B.A.,** & Wellar, B. Development similarity based on proximity: a case study of urban clusters in Canada, *Papers in Regional Science*, **83(2)**: 443-465, 2004.
46. **Portnov B.A.** & Erell E. Interregional inequalities in Israel, 1948-1995: divergence or convergence? *Socio-economic Planning Sciences*, **38(4)**: 255-289, 2004.
47. Felsenstein D. and **Portnov B.A.** Understanding Regional Inequalities in Small Countries, *Regional Studies*, 2005, **39(5)**: 647-658. (**Note:** the sequence of the authors corresponds to that accepted in urban and regional studies, i.e., in order of diminishing contribution).
48. **Portnov B.A.,** Odish Y. and Fleishman L. Factors Affecting Housing Modifications and Housing Pricing: A Case Study of Four Residential Neighborhoods in Haifa, Israel, *Journal of Real Estate Research*, **27(4)**: 371-407, 2006.
49. **Portnov B.A.** Urban Clustering, Development Similarity, and Local Growth: A Case Study of Canada, *European Planning Studies*, 2006, **14(9)**: 1287-1314 (Invited paper for a special issue).
50. **Portnov B.A.** Development Similarities in Urban Clusters: Evidence from a Spatial Analysis of Israel's Urban System, *Socio-economic Planning Sciences*, 2005, **39(4)**: 287-306.
51. **Portnov B.A.,** Fleishman L. and Odish Y. Changes and Modifications in Residential Neighborhoods as a Factor of Housing Pricing: Jerusalem and Haifa as Case Studies, *Journal of Real Estate Literature*, **14(3)**: 347-380, 2006.
52. Ratner A. and **Portnov B.A.**^{ca} Distance Decay Function in Criminal Behavior: A Case of Israel, *Annals of Regional Science*, 2007, **41**:673-688 (DOI 10.1007/s00168-007-0115-9). (**Note:** the sequence of the authors corresponds to that accepted in urban and regional studies, i.e., in order of diminishing contribution).

53. **Portnov B.A.**, Dubnov, J. and M. Barchana. On Ecological Fallacy, Assessment Errors Stemming from Misguided Variable Selection, and the Effect of Aggregation on the Outcome of Epidemiological Study, *Journal of Exposure Science and Environmental Epidemiology*, **17**: 106–121, 2007 (doi:10.1038/sj.jes.7500533).
54. Dubnov, J. Barchana M. Rishpon S., Leventhal A., Segal I., Carel R. and **Portnov B.A.** Estimating the effect of air pollution from a coal-fired power station on the development of children's pulmonary function, *Environmental Research*, 2007, **103**: 87–98 (**Note**: the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).
55. **Portnov B.A.**, Adhikari M, and M.Schwartz. Urban Growth in Nepal: Does Location Matter? *Urban Studies*, **44(5/6)**: 915–937, 2007.
56. **Portnov, B.A.**, Meir, I., Urban water consumption in Israel: convergence or divergence? *Environmental Science and Policy*, 2007, **11(4)**: 347-358 (doi:10.1016/j.envsci.2007.10.001).
57. **Portnov B.A.** & Paz, S. Climate Change and Urbanization in Arid Regions, *Annals of Arid Zone* (Invited paper for the Special Issue on Climate Change), 47(3/4): 1-15, 2008.
58. **Portnov B.A.** & Schwartz M. On the Relativity of Urban Location, *Regional Studies*, 2008, **42(4)**: 605–615 (DOI: 10.1080/00343400701874263)
59. Kloog I., Haim A. Richard G. Stevens R.G., Barchana M. and **B.A. Portnov**,^{ca} Light at Night Co-distributes with Incident Breast Cancer but not Lung Cancer in the Female Population of Israel, *Chronobiology International*, 2008, **25(1)**: 65–81 (DOI: 10.1080/07420520801921572).⁵ (**Note**: the first author is my MA and then PhD student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).
60. **Portnov B.A.**, Dubnov J. and M. Barchana. Studying the Association between Air-Pollution and Lung Cancer Incidence in a Large Metropolitan Area Using a Kernel Density Function, *Socio-Economic Planning Sciences*, 2009, **43**: 141–150 (doi:10.1016/j.seps.2008.09.001).
61. **Portnov B.A.**, Barchana M. and J. Dubnov. Exploratory Analysis of Potential Risk Factors of a Rare Disease: Spatial Distribution of Adrenocortical Carcinoma in Israel as a Case Study, *Science of the Total Environment*, 2009, **407**: 1738-1743 (doi: 10.1016/j.scitotenv.2008.10.051).
62. Kloog, I, Haim, A. and **B.A. Portnov**^{ca}, Using Kernel Density Function as an Urban Analysis Tool: Investigating the Association between Nightlight Exposure and the Incidence of Breast Cancer in Haifa, Israel, *Computers, Environment and Urban Systems*, 2009, **33**: 55–63 (doi:10.1016/j.compenvurbsys.2008.09.006) (**Note**: the first author is my MA and then PhD student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).

⁵ Selected follow-up publications in international mass media: "It's All About the Lighting," *The Wall Street Journal*, July 25th, 2008; "Lights at Night Are Linked to Breast Cancer: Study Bolsters Theory about Interference with Production of Key Hormone," *The Washington Post*, February 19th, 2008; "Light Pollution", *National Geographic*, October 22nd, 2008; "Missing the Dark: Health Effects of Light Pollution" by Ron Chepesiuk, *Environmental Health Perspectives*, 2009, 117(1): 20-27.

63. Paz S., Linn, S, **Portnov, B.A.**, Lazimi A., Futerman B, and M. Barchana, Non-Hodgkin Lymphoma (NHL) linkage with residence near heavy roads - a case study from Haifa Bay, Israel, *Health & Place*, 2009, **15**: 636–641 (doi:10.1016/j.healthplace.2008.10.004). (**Note**: the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).
64. Kloog I., Haim, A. Stevens R.G. and **B.A. Portnov**^{ca}, The Global Co-Distribution of Light at Night (LAN) and Cancers of Prostate, Colon and Lung in Men, *Chronobiology International*, 2009, **26(1)**: 108 - 125.⁶ (**Note**: the first author is my MA and then PhD student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).
65. **Portnov B.A.** and Schwartz M. On the Importance of "Location Package" for Urban Growth, *Urban Studies*, 2009, **46(8)**: 1665–79.
66. **Portnov B.A.** and Schwartz M. Urban Clusters as Growth Foci, *Journal of Regional Science*, 2009, **49(2)**: 287-310 (DOI: 10.1111/j.1467-9787.2008.00587.x).
67. **Portnov B.A.**, Genkin B., and B.Barzilay. Investigating the Effect of Train Proximity on Apartment Prices: Haifa, Israel as a Case Study, *Journal of Real Estate Research*, 2009, 31(4): 371-395.
68. Yogev-Baggio, T., Bibi, H., Dubnov J., Or-Hen K, Carel R. and **B. A. Portnov**^{ca}, Who is Affected More by Air Pollution – Sick or Healthy? Some Evidence from a Health Survey of Schoolchildren Living in the Vicinity of a Coal-Fired Power Plant in Northern Israel, *Health & Place*, 2010, 16: 399–408 (DOI:10.1016/ j.healthplace.2009.11.013). (**Note**: the first author is my MA and then PhD student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm)).
69. Vaturi A., **Portnov B.A.**^{ca} & Y. Gradus. Train Access and Financial Performance of Local Authorities: Greater Tel Aviv as a Case Study, *Journal of Transport Geography*, 2011, 19: 224–234 (doi:10.1016/j.jtrangeo.2010.02.008). (**Note**: The first author is my MA and then PhD student; the sequence of the authors corresponds to that accepted in urban studies, i.e., in order of diminishing contribution).
70. Berezansky, B., **Portnov B.A.**^{ca} and B. Barzilai, Objective vs. Perceived Air-pollution as a Factor of Housing Pricing: A Case Study of the Greater Haifa Metropolitan Area, *Journal of Real Estate Literature*, 2010, 18(1): 99-122. (**Note**: The first author is my MA and then PhD student; the sequence of the authors corresponds to that accepted in urban studies, i.e., in order of diminishing contribution).
71. **Portnov B.A.** and Felsenstein D., On the Suitability of Income Inequality Measures for Regional Analysis: Some Evidence from Simulation Analysis and Bootstrapping Tests, *Socio-Economic Planning Sciences*, 2010, 44: 212-219 (DOI: 10.1016/j.seps.2010.04. 002).

⁶ Selected follow up publications in international mass media: "Maybe It's Better to Stay in the Dark" by Rob Stein, *The Washington Post*, Tuesday, February 17th, 2009; "Spotlight on a Hidden Cancer Risk" by Beth Howard, *Reader's Digest*, May 2009, pp. 75-76; "Badly designed urban lighting can undermine human health?," *Urban Nightscape*, Nov. 2009, p.27; "Artificial Light At Night: Higher Risk Of Prostate Cancer, Study Suggests." *ScienceDaily*, 4 February 2009.

72. Kloog I., Stevens R.G., Haim, A. and **B.A. Portnov**^{ca}, Nighttime light level co-distributes with breast cancer incidence worldwide, *Cancer Causes & Control*, 2010, 21: 2059–2068 (DOI 10.1007/s10552-010-9624-4).⁷ (**Note:** the first author is my MA and then PhD student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).
73. Kloog, I., **Portnov B.A.**, Rennert H.S. and A. Haim, Does the modern Urbanized Sleeping Habitat Pose a Breast Cancer Risk? *Chronobiology International*, 2011, 28(1): 76–80 (DOI: 10.3109/07420528.2010.531490).⁸ (**Note:** the first author is my MA and then PhD student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).
74. **Portnov B.A.**, S. Paz and S. Linn, What does the Inflow of Patients into Rambam Hospital in Haifa, Israel Tells Us about Outdoor Temperatures and Air Pollution? *Geoforum* (Invited paper for the Special Issue on Health Effects of Climate Change), 2011, 31: 50-65 (Invited paper for a special issue).
75. Atzmon I., Linn S., Richter E. and **B.A. Portnov**, Cancer Risks in the Druze Isifya Village: Reasons and RF/MW Antennas, *Pathophysiology*, 2012, 19: 21–28.
76. **Portnov B.A.**, B. Reiser and M. Schwartz, Does Gibrat's Law for Cities Hold when Location Counts? *Annals of Regional Sciences*, 2012, 48:151–178 (DOI: 10.1007/s00168-010-0402-8).
77. Saadya, S., Hareli S. and **B.A. Portnov**^{ca}, Can Gasoline be Saved by Financial Incentives and Training of Bus Drivers? “Egged Ltd” Bus Company in Israel as a Case Study, *International Journal of Sustainable Society*, 2012, 5: 5-10. (**Note:** the first author is my MA student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).⁹
78. Haim A., Kloog, I., Rennert H.S. and **B.A. Portnov**, Light Pollution in the Sleeping Habitat: Are Eyelids Impassible Barriers to LAN? Authors' response to “Light Pollution ≠ Light Pollution?” by E. Schernhammer and K. Stone, *Chronobiology International*, 2011, 28(4): 379-380. (**Note:** the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).
79. Haim A. and **B.A. Portnov**, LAN and Breast Cancer Risk: Can We See a Forest through the Trees? Response to “Measurements of Light at Night (LAN) for a Sample of Women School Teachers” by M. Rea, J. Brons, and M. Figueiro, *Chronobiology International*, 2011, 28(8): 734–736 (**Note:** the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the “first-last-author-emphasis” (FLAE) norm).
80. **Portnov B.A.**, Axhausen K.W., Tschopp M. and M. Schwartz, Diminishing Effects of Location? Some Evidence from Swiss Municipalities, 1950-2000, *Journal of Transport Geography*, 2011, 19: 1368–1378.

⁷ Follow up publications in international mass media: Light at Night and Breast Cancer Risk Worldwide, by Angela Spivey, *Environmental Health Perspectives*, 2010, 118 (12): A525.

⁸ Follow up publications in international mass media: “Energy saving light bulbs 'could trigger breast cancer” by Stephen Adams, *Daily Telegraph*, Jan 2011.

⁹ Selected by *Interscience* for a special press release.

81. **Portnov B.A.**, Reiser B., Karkabi K., Cohen-Castel O., and J. Dubnov, High Prevalence of Childhood Asthma in Northern Israel is Linked to Air Pollution by Particulate Matter: Evidence from GIS Analysis and Bayesian Model Averaging, *International Journal of Environmental Health Research*, 2011, 3: 249-269.
82. **Portnov B.A.** Does Zipf's Law Hold for Primate Cities? Some Evidence from a Discriminant Analysis of World Countries, *Review of Regional Research*, 2011, 31: 113-129 (Invited paper for a special issue).
83. Kloog I. and **B.A. Portnov**^{ca}. Detecting the Association between Children Health and Lead Exposure Using Voronoi Polygon Rezoning, *Geography Research Forum*, 2011, 32: 46-61. (Note: Invited paper for a special issue; peer refereed; the first author is my former PhD student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the "first-last-author-emphasis" (FLAE) norm).
84. **Portnov B.A.** Does the Choice of Geographic Units Matter for the Validation of Gibrat's Law? *Regions and Development (Région et Développement)*, 2012, 36: 79-106 (Invited paper for a Special Issue; peer refereed).
85. Zusman M., Dubnov J, Bartchana M., and **B.A. Portnov**, Residential Proximity to Petroleum Storage Tanks and Associated Cancer Risks: Double Kernel Density Approach vs. Zonal Estimates, *Science of the Total Environment*, 441, 2012, 265–276 (IF=3.3; **Note:** The first author is my PhD student and the sequence of the authors is based on the FLAE norm).¹⁰
86. *Chen, Y.C., Chen, P.C., Hsieh, W.S., **Portnov B.A.**, and Y.L. Lee, Predictors of Overweight and Obesity in Taiwanese Children, *Pediatric and Perinatal Epidemiology*, 2012, (26)6: 561-71 (2012 IF=2.300; the sequence of the authors is based on the FLAE norm).
87. *Barzilai B., Schnell I., and **B.A. Portnov**, Estimating the Effect of Location Externalities on Real Estate Values Using the Delphi Method, *Territorio Italia: Rivista dell'Agenzia del Territorio (Land Administration, Cadaster and Real Estate)*, 2012, 2: 22-35.
88. *Zusman M., Ben Asher J., Kloog I., and **B.A. Portnov**, Estimating Multi-Annual PM_{2.5} Air Pollution Levels Using sVOC Soil Tests: Ashkelon South, Israel as a Case Study, *Atmospheric Environment*, 2013, 81: 633–641 (2013 IF=3.110; 5-y IF=3.787) (Note: The first author is my PhD student; the sequence of the authors corresponds to that accepted in environmental and biological studies, which is based on the "First-Last-Author-Emphasis" (FLAE) norm).
89. ***Portnov B.A.** and W. Li, Investigating the Effect of Global Economic Crisis on Foreign Tourism to Taiwan, *Journal of Tourism and Hospitality Management*, 2013, 1(3): 113-132.
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E) Articles or Chapters in Scientific Books and Collective Volumes (that are not conference proceedings)

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G) Entries in Encyclopedias

1. J. Dubnov, **B.A. Portnov**, M. Barchana, Air Pollution and Development of Children's Pulmonary Function, In: Editor-in-Chief: Jerome O. Nriagu, Editor(s)-in-Chief, *Encyclopedia of Environmental Health*, Elsevier, Burlington, 2011, 17-25, DOI: 10.1016/B978-0-444-52272-6.00132-X (Refereed).
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H) Patents

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