СПИСОК ВИКОРИСТАНОЇ ЛІТЕРАТУРИ

1. Centers for Disease Control and Prevention. Seasonal influenza (flu), 2013 [Electronic resource]. — Mode of access: http://www.cdc.gov/flu/antivirals/whatyoushould.html.
2. International SOS. Pandemic preparedness: past infuenza pandemics, 2013 [Electronic resource]. — Mode of access: https://www.internationalsos.com/pandemicpreparedness/SubCatLevel.aspx?li=11&language-ID=eng&subCatID=5.
3. Dawood F.S., Iuliano A.D., Reed C., Meltzer M.I., Shay D.K., Cheng P.Y., et al., Estimated global mortality associated with the first 12 months of 2009 pandemic influenza A H1N1 virus circulation: a modelling study. Lancet Infect Dis, 2012; 12:687–95 [Electronic resource]. — Mode of access: http://dx.doi.org/10.1016/S1473-3099(12)70121-4.
4. US Agency for International Development. Pandemic influenza and other emerging threats, 2013 [Electronic resource]. — Mode of access: http://www.usaid.gov/what-we-do/global-health/pandemic-influenza-and-other-emerging-threats.
5. Nichol K.L., D'Heilly S.J., Greenberg M.E., Ehlinger E., Burden of influenza-like illness and effectiveness of influenza vaccination among working adults aged 50–64 years. Clin Infect Dis 2009, 48:292–298.
6. Foppa I.M., Hossain M.M., Revised estimates of influenza-associated excess mortality, United States, 1995 through 2005. Emerg Themes Epidemiol 2008, 5:26.
7. Clifford R.E, Smith J.W.G, Tillett H.E, Wherry P.J, Excess Mortality Associated with Influenza in England and Wales. International Journal of Epidemiology 1977, 6:115-128.
8. Thompson W.W., Shay D.K., Weintraub E., Brammer L., Cox N., Anderson L.J., et al, Mortality associated with influenza and respiratory syncytial virus in the United States. JAMA 2003, 289:179-186.

9. Wong C.M., Yang L., Chan K.P., Leung G.M., Chan K.H., Guan Y., et al, Influenza-associated hospitalization in a subtropical city. Plos Medicine 2006, 3:485-492.

10. Virginia Department of Health. Antiviral distribution plan: attachment pandemic influenza, 2009 [Electronic resource]. — Mode of access: http://www.vdh.state.va.us/oep/documents/2009/docs/VDH%20PanFlu%20Plan%20Supplement%207%20%2 Antiviral%20Dist%20&%20Use%209-24-2009.doc.

11. Grais, R.F., Ellis, J.H., and Glass, G.E., Assessing the impact of airline travel on the geographic spread of pandemic influenza, 2013. Eur. J. Epidemiol. 18 1065–1072.

12. Koopmans B., Wilbrink M., Conyn G., Natrop H., van der Nat H., Vennema, Transmission of H7N7 avian influenza virus to human beings during a large outbreak in commercial poultry farms in the Netherlands, 2004, Lancet 363, 587.

13. Ferguson N.M., Cummings D.A.T., Cauchemez S., Fraser C., Riley S., Meeyai A., Iamsirithaworn S., Burke D.S., Strategies for containing an emerging influenza pandemic in southeast asia, 2005, Nature 437 (7056) 209.

14. Kermack O., McKendrick A.G., A contribution to the mathematical theory of epidemics, in: Proceedings of the Royal Society of London. Series A, Containing Papers of a Mathematical and Physical Character, vol. 115 (772), 1927, pp. 700–721.

15. Gani H., Hughes D., Fleming T., Griffin J., Medlock S., Leach, Potential impact of antiviral drug use during influenza pandemic, 2005, Emerg. Infect. Dis. 11 (9) 1355–1362.

16. Singh B., Huang H. C., Morton D.P., Johnson G.P., A. Gutfraind, Galvani A.P., Clements B., Meyers L.A., Optimizing Distribution of Pandemic Infuenza Antiviral Drugs, Emerging Infectious Diseases, Vol. 21, No. 2, February 2015.

17. Institute for Operations Research and the Management Sciences. Informs online [Electronic resource]. — Mode of access: http://www.informs.org.

18. Електронний посібник Microsoft Office Excel [Електронний ресурс]. – Режим доступу: https://support.office.com/ru-ru/article/Обучение-работе-с-excel-9bc05390-e94c-46af-a5b3-d7c22f6990bb?wt.mc_id=otc_home&ui=ru-RU&rs=ru-RU&ad=RU.

19. Алексеев Е.Р., Чеснокова О.В. MATLAB 7. Самоучитель. — Пресс, 2005. — 464 с.

20. TreeAge Pro 2014 User's Manual [Electronic resource]. — Mode of access: http://installers.treeagesoftware.com/treeagepro/14.1.0/PDF/TP-Manual-2014R1.pdf.

21. Ромакін В.В., Комп'ютерний аналіз даних: Навчальний посібник. – Миколаїв: Вид-во МДГУ ім. Петра Могили, 2006. – 144 с. Р 69.

22. Riley S., Fraser C., Donnelly C.A., Ghani A.C., Abu-Raddad L.J., Hedley A.J., Leung G.M., Ho L.M., Lam T.H., Thach T.Q., Chau P., Chan K.P., Leung P.Y., Tsang T., Ho W., Lee K.H., Lau E.M.C., Ferguson N.M., and Anderson R.M., Transmission dynamics of the etiological agent of SARS in Hong Kong: Impact of public health interventions, 2003. Science 300 1961–1966.

23. Halloran M.E., Longini I.M., Nizam A., and Yang Y, Containing bioterrorist smallpox, 2002. Science 298 1428–1432.

24. Longini I.M., Nizam A., Xu S.F., Ungchusak K., Hanshaoworakul W., Cummings D.A.T., and Halloran M.E., Containing pandemic influenza at the source, 2005. Science 309 1083–1087.

25. Kot M., Elements of Mathematical Biology, 2000. Cambridge, UK: Cambridge University Press.

26. Hassell M.P., Comins H.N., and May R.M. Spatial Structure and Chaos in Insect Population Dynamics, 1991. Nature 353 255–258.

27. Rhodes C.J., and Anderson R.M. Dynamics in a lattice epidemic model, 1996. Phys. Letts. A 210 183–188.

28. Green D.G., and Sadedin S., Interactions matter—complexity in landscapes and ecosystems, 2005. Ecol. Compl. 2 117–130.

29. Hanski I., and Gilpin M. (1991) Metapopulation Dynamics—Brief-history and Conceptual Domain. Biol. J. Linnean Soc. 42 3–16.

30. Hanski I.A., and Gilpin M.E. (eds.) (1997) Metapopulation Biology. Ecology, Genetics and Evolution. Elsevier Academic Press.

31. Hanski I.A., and Gaggiotti O.E. (eds.) (2004) Ecology, Genetics, and Evolution of Metapopulations. Elsevier Academic Press.

32. Finkenstädt B., and Grenfell B. (1998) Empirical determinants of measles metapopulation dynamics in England and Wales. Proc. Roy. Soc. Lond. B 265 211–220.

33. Grenfell B.T., and Bolker B.M. (1998) Cities and villages: infection hierarchies in a measles metapopulation. Ecol. Lett. 1 63–70.

34. Langlois J.P., Fahrig L., Merriam G., and Artsob H. (2001) Landscape structure influences— continental distribution of hantavirus in deer mice. Landsc. Ecol. 16 255–266.

35. Broadfoot J.D., Rosatte R.C., and O'Leary D.T. (2001) Raccoon and skunk population models for urban disease control planning in Ontario, Canada. Ecol. Appl. 11 295–303.

36. Keeling M.J., and Rohani P. (2002) Estimating Spatial Coupling in Epidemiological Systems: a Mechanistic Approach. Ecol. Letters 5 20–29.

37. Cliff A., and Haggett P. (2004), Time, travel and infection. Brit. Med. Bull. 69 87–99.

38. Levin S.A., and Durrett R. (1996) From individuals to epidemics. Proc. Roy. Soc. Lond. B 351 1615–1621.

39. White P.C.L., and Harris S. (1995) Bovine tuberculosis in badger (Meles meles) populations in southwest England: the use of a spatial stochastic simulation model to understand the dynamics of the disease. Phil. Trans. R. Soc. Lond. B 349 391–413.

40. Tischendorf L., Thulke H.H., Staubach C., Muller M.S., Jeltsch F., Goretzki J., Selhorst T., Muller T., Schluter H., and Wissel C. (1998) Chance and risk of controlling rabies in large-scale and long-term immunized fox populations. Proc. Roy. Soc. Lond. B 265 839–846.

41. Rushton S.P., Lurz P.W.W., Gurnell J., and Fuller R. (2000) Modelling the spatial dynamics of parapoxvirus disease in red and grey squirrels: a possible cause of the decline in the red squirrel in the UK. J. Appl. Ecol. 37 997–1012.

42. Kao R.R. (2003) The impact of local heterogeneity on alternative control strategies for foot-andmouth disease. Proc. Roy. Soc. Lond. B 270 2557–2564.

43. Harris T.E. (1974) Contact interactions on a lattice. Ann. Probab. 2 969–988; Watts, D.J., and Strogatz, S.H. (1998) Collective dynamics of ‘small-world’ networks. Nature 393 440–442.

44. Rhodes C.J., and Anderson R.M. (1997) Epidemic thresholds and vaccination in a lattice model of disease spread. Theo. Pop. Biol. 52 101–118.

45. Baalen M., and Rand D.A. (1998) The unit of selection in viscous populations and the evolution of altruism. J. Theor. Biol. 193 631–648.

46. Bak P., Chen K., and Tang C. (1990) A forest fire model and some thoughts on turbulence. Phys. Letters A 147 297–300.

47. Murray J.D. (2003) Mathematical Biology (3rd edition) II: Spatial Models and Biomedical Applications. New York: Springer Verlag.

48. Noble J.V. (1974) Geographic and temporal development of plagues. Nature 250 726–728.

49. Murray J.D., Stanley E.A., and Brown D.L. (1986) On the spatial spread of rabies amoung foxes. Proc. Roy. Soc. Lond. B 229 111–150.

50. Caraco T., Glavanakov S., Chen G., Flaherty J.E., Ohsumi T.K., and Szymanski B.K. (2002) Stage-structured infection transmission and a spatial epidemic: A model for Lyme disease. Am. Nat. 160 348–359.

51. Lopez L.F., Coutinho F.A.B., Burattini M.N., and Massad E. (1999) Modelling the spread of infections when the contact rate among individuals is short ranged: Propagation of epidemic waves. Math. Comput. Model. 29 55–69.

52. Beardmore I., and Beardmore R. (2003) The global structure of a spatial model of infectious disease. Proc. Roy. Soc. Lond. A 459 1427–1448.

53. Reluga T. (2004) A two-phase epidemic driven by diffusion. J. Theor. Biol. 229 249–261.

54. Nielen M., Jalvingh A.W., Meuwissen, M.P.M., Horst, S.H., and Dijkhuizen, A.A. (1999) Spatial and stochastic simulation to evaluate the impact of events and control measures on the 1997–1998 classical swine fever epidemic in The Netherlands. II. Comparison of control strategies. Prev. Vet. Med. 42 297–317

55. Mangen M.J.J., Nielen M., and Burrell A.M. (2002) Simulated effect of pig-population density on epidemic size and choice of control strategy for classical swine fever epidemics in The Netherlands. Prev. Vet. Med. 56 141–163.

56. Bates T.W., Thurmond M.C., and Carpenter T.E. (2003) Description of an epidemic simulation model for use in evaluating strategies to control an outbreak of foot-and-mouth disease. Am. J. Vet. Res. 64 195–204.

57. Noordegraaf A.V., Jalvingh A.W., de Jong M.C.M., Franken P., and Dijkhuizen A.A. (2000) Evaluating control strategies for outbreaks in BHV1-free areas using stochastic and spatial simulation . Prev. Vet. Med. 44 21–42.

58. Stacey A.J., Truscott J.E., Asher M.J.C., and Gilligan C.A. (2004) A model for the invasion and spread of rhizomania in the United Kingdom: Implications for disease control strategies. Phyopathol. 94 209–215.

59. Lewis M.A. (2000) Spread rate for a nonlinear stochastic invasion. J. Math. Biol. 41 430–454.

60. Garnett G.P., and Anderson R.M. (1996) Sexually transmitted diseases and sexual behavior: Insights from mathematical models. J. Infect. Dis. 174 S150–S161.

61. Dunyak J., Martin C., and Lampe R. (1998) Analysis of the influence of social structure on a measles epidemic. Appl. Math. Comput. 92 282–296.

62. Potterat J.J., Rothenberg R.B., and Muth S.Q. (1999) Network structural dynamics and infectious disease propagation. Int. J. STD AIDS 10 182–185.

63. Klovdahl A.S. (2001) Networks and Pathogens. Sex. Transm. Dis. 28 25–28.

64. Rothenberg R. (2001) Commentary—How a net works—Implications of network structure for the persistence and control of sexually transmitted diseases and HIV. Sex. Trans. Dis. 28 63–68.

65. Sander L.M., Warren C.P., Sokolov I.M., Simon C., and Koopman J. (2002) Percolation on heterogeneous networks as a model for epidemics. Math. Biosci. 180 293–305.

66. Potterat J.J., Philips-Plummer L., Muth S.Q., Rothenberg R.B., Woodhouse D.E., Maldonado-Long T.S., Zimmerman H.P., and Muth J.B. (2002) Risk network

structure in the early epidemic phase of HIV transmission in Colorado Springs. Sex. Transm. Infect. 78 i159–i163.

67. Liljeros F., Edling C.R., and Amaral L.A.N. (2003) Sexual networks: implications for the transmission of sexually transmitted infections. Microbes Infect. 5 189–196.

68. Rothenberg R. (2003) STD transmission dynamics: Some current complexities—2002 Thomas Parran Award Lecture. Sex. Trans. Dis. 30 478–482.

69. Ore O., Ore Y., Theory of graphs, Vol. 38, American Mathematical Society Providence, 1962.

70. Newman M. E., The structure and function of complex networks, SIAM Review 45 (2) (2003) 167–256.

71. Erdos P., Rényi A., On random graphs, Publicationes Mathematicae Debrecen 6 (1959) 290–297.

72. Gilbert E. N., Random graphs, The Annals of Mathematical Statistics 30 (4) (1959) 1141–1144.

73. Solomonoff R., Rapoport A., Connectivity of random nets, The Bulletin of Mathematical Biophysics 13 (2) (1951) 107–117.

74. S. Dorogovtsev N., Mendes J. F., Evolution of networks: From biological nets to the Internet and WWW, OUP Oxford, 2013.

75. Newman M. E., Properties of highly clustered networks, Physical Review E 68 (2) (2003) 026121.

76. Watts D. J., Strogatz S. H., Collective dynamics of small-world networks, Nature 393 (6684) (1998) 440–442.

77. Monasson R., Diffusion, localization and dispersion relations on “small-world" lattices, The European Physical Journal B-Condensed Matter and Complex Systems 12 (4) (1999) 555–567.

78. Molloy M., Reed B., A critical point for random graphs with a given degree sequence, Random structures & algorithms 6 (2-3) (1995) 161–180.

79. Bender E. A., Canfield E. R., The asymptotic number of labeled graphs with given degree sequences, Journal of Combinatorial Theory, Series A 24 (3) (1978) 296–307.

80. Aiello W., Chung F., Lu L., A random graph model for massive graphs, in: Proceedings of the thirty-second annual ACM symposium on Theory of computing, Acm, 2000, pp. 171–180.

81. Caldarelli G., Capocci A., De Los Rios P., Munoz M. A., Scale-free networks from varying vertex intrinsic fitness, Physical Review Letters 89 (25) (2002) 258702.

82. Masuda N., Aihara K., Global and local synchrony of coupled neurons in small-world networks, Biological Cybernetics 90 (4) (2004) 302–309.

83. Toroczkai Z., Bassler K. E., Network dynamics: Jamming is limited in scale-free systems, Nature 428 (6984) (2004) 716–716.

84. Barabási A.-L., Jeong H., Néda Z., Ravasz E., Schubert A., Vicsek T., Evolution of the social network of scientific collaborations, Physica A: Statistical mechanics and its applications 311 (3) (2002) 590–614.

85. Marchiori M., Latora V., Harmony in the small-world, Physica A: Statistical Mechanics and its Applications 285 (3) (2000) 539–546.

86. Latora V., Marchiori M., Efficient behavior of small-world networks, Physical Review Letters 87 (19) (2001) 198701.

87. Krause A. E., Frank K. A., Mason D. M., Ulanowicz R. E., Taylor W. W., Compartments revealed in food-web structure, Nature 426 (6964) (2003) 282–285.

88. Latora V., Marchiori M., Economic small-world behavior in weighted networks, The European Physical Journal BCondensed Matter and Complex Systems 32 (2) (2003) 249–263.

89. Polis G. A., Ecology: Stability is woven by complex webs, Nature 395 (6704) (1998) 744–745.

90. McCann K., Hastings A., Huxel G. R., Weak trophic interactions and the balance of nature, Nature 395 (6704) (1998) 794–798.

91. Sporns O., Tononi G., Edelman G. M., Connectivity and complexity: the relationship between neuroanatomy and brain dynamics, Neural Networks 13 (8) (2000) 909–922.

92. Barrat A., Barthelemy M., Pastor-Satorras R., Vespignani A., The architecture of complex weighted networks, Proceedings of the National Academy of Sciences of the United States of America 101 (11) (2004) 3747–3752.

93. Li W., Cai X., Statistical analysis of airport network of china, Physical Review E 69 (4) (2004) 046106.

94. Boccaletti S., Latora V., Moreno Y., Chavez M., Hwang D.-U., Complex networks: Structure and dynamics, Physics Reports 424 (4) (2006) 175–308.

95. Li D., Jiang Y., Kang R., Shlomo H., Spatial correlation analysis of cascading failures: congestions and blackouts, Scientific Reports 4 (2014) 5381.

96. Li D., Kosmas K., Armin B., Shlomo H., Dimension of spatially embedded networks, Nature Physics 7 (6) (2011) 481–484.

97. Sun G.-Q., Jusup M., Jin Z., Wang Y., Wang Z., Pattern transitions in spatial epidemics: Mechanisms and emergent properties, Physics of Life Reviews (2016) doi:10.1016/j.plrev.2016.08.002.

98. Wang L., Li X., Zhang Y., Zhang Y., Zhang K., volution of scaling emergence in large-scale spatial epidemic spreading, PLoS One 6 (7) (2011) e21197.

99. Gross T., Blasius B., Adaptive coevolutionary networks: a review, Journal of The Royal Society Interface 5 (20) (2008) 259–271.

100. Holme P., Saramäki J., Temporal networks, Physics Reports 519 (3) (2011) 97–125.

101. Nicosia V., Latora V., Measuring and modelling correlations in multiplex networks, Phys. Rev. E 92 (2015) 032805.

102. Zhang Y., Wang L., Zhang Y., Li X., Towards a temporal network analysis of interactive wifi users, EPL (Europhysics Letters) 98 (6) (2012) 68002.

103. May R. M., Lloyd A. L., Infection dynamics on scale-free networks, Physical Review E 64 (6) (2001) 066112.

104. Newman M. E., Spread of epidemic disease on networks, Physical Review E 66 (1) (2002) 016128.

105. Funk S., Salathé M., Jansen V. A., Modelling the influence of human behaviour on the spread of infectious diseases: a review, Journal of the Royal Society Interface 7 (50) (2010) 1247–1256.

106. Perra N., Balcan D., Gonçalves B., Vespignani A., Towards a characterization of behavior-disease models, PLoS ONE 6 (8) (2011) e23084.

107. Capasso V., Serio G., A generalization of the Kermack-Mckendrick deterministic epidemic model, Mathematical Biosciences 42 (1) (1978) 43–61.

108. Christakis N. A., Fowler J. H., The spread of obesity in a large social network over 32 years, New England journal of medicine 357 (4) (2007) 370–379.

109. Campbell E., Salathé M., Complex social contagion makes networks more vulnerable to disease outbreaks, Scientific Reports 3 (2013) 1905.

110. Alshamsi A., Pianesi F., Lepri B., Pentland A., Rahwan I., Beyond contagion: Reality mining reveals complex patterns of social influence, PLoS ONE 10 (8) (2015) e0135740.

111. He D., Dushoff J., Day T., Ma J., Earn D. J., Inferring the causes of the three waves of the 1918 influenza pandemic in england and wales, Proceedings of the Royal Society of London B: Biological Sciences 280 (1766) (2013) 20131345.

112. Funk S., Gilad E., Watkins C., Jansen V. A., The spread of awareness and its impact on epidemic outbreaks, Proc. Natl. Acad. Sci. U.S.A. 106 (16) (2009) 6872–6877.

113. Von Neumann J., Morgenstern O., Theory of games and economic behavior, Princeton university press, 2007.

114. Dagobert Britto, Eytan Shesinski and Michael Intriligator “Externalities and Compulsory Vaccinations”Journal of Public Economics (1991) 45: 69-90.

115. Francis, Peter “Dynamic epidemiology and the market for vaccinations”Journal of Public Economics 63: 383-406 1997.

116. Smith J. M., Evolution and the Theory of Games, Cambridge university press, 1982.

117. Nowak M. A., May R. M., Evolutionary games and spatial chaos, Nature 359 (6398) (1992) 826–829.

118. Szabó G., Toke C., Evolutionary prisoner's dilemma game on a square lattice, Physical Review E 58 (1) (1998) 69.

119. Hauert C., Doebeli M., Spatial structure often inhibits the evolution of cooperation in the snowdrift game, Nature 428 (6983) (2004) 643–646.

120. Xia C.-Y., Meloni S., Perc M., Yamir M., Dynamic instability of cooperation due to diverse activity patterns in evolutionary social dilemmas, EPL (Europhysics Letters) 109 (5) (2015) 58002.

121. Szabó G., Fath G., Evolutionary games on graphs, Physics Reports 446 (4) (2007) 97–216.

122. Tanimoto J., Dilemma solving by the coevolution of networks and strategy in a 22 game, Physical Review E 76 (2) (2007) 021126.

123. Reluga T. C., Bauch C. T., Galvani A. P., Evolving public perceptions and stability in vaccine uptake, Mathematical Biosciences 204 (2) (2006) 185–198.

124. Oraby T., Bauch C. T., Bounded rationality alters the dynamics of paediatric immunization acceptance, Scientific Reports 5 (2015) 10724, G. Shafer, et al., A mathematical theory of evidence, Vol. 1, Princeton University Press, 1976.

125. MacDonald N., Biological Delay Systems: Linear Stability Theory, Cambridge University Press, 1989.

126. Geoffard P.-Y., Philipson T., Disease eradication: private versus public vaccination, The American Economic Review 87 (1) (1997) 222–230.

127. Efimov D. V., Fradkov A. L., Yakubovich's oscillatority of circadian oscillations models, Mathematical Biosciences 216 (2) (2008) 187–191.

128. d'Onofrio A., Manfredi P., Bifurcation thresholds in an sir model with information-dependent vaccination, Mathematical Modelling of Natural Phenomena 2 (01) (2007) 26–43.

129. Bhattacharyya S., Bauch C., A game dynamic model for delayer strategies in vaccinating behaviour for pediatric infectious diseases, Journal of Theoretical Biology 267 (3) (2010) 276–282.

130. Center for disease control, vaccine safety [Electronic resource]. — Mode of access: http://www.cdc.gov/vaccinesafety/ensuringsafety/monitoring/vaers/.

131. Ajzen I., The theory of planned behavior, Organizational behavior and human decision processes 50 (2) (1991) 179–211, D. Helbing, A. Johansson, Cooperation, norms, and revolutions: a unified game-theoretical approach, PLoS ONE 5 (10) (2010) e12530.

132. Barlow L.-A., Cecile J., Bauch C. T., Anand M., Modelling interactions between forest pest invasions and human decisions regarding firewood transport restrictions, PLoS ONE 9 (4) (2014) e90511.

133. Bauch C. T., Imitation dynamics predict vaccinating behaviour, Proceedings of the Royal Society of London B: Biological Sciences 272 (1573) (2005) 1669–1675.

134. Bass F., A new product growth for model consumer durables, Management Sciences 15 (1969) 215–227.

135. Bauch C. T., Galvani A. P., Earn D. J., Group interest versus self-interest in smallpox vaccination policy, Proceedings of the National Academy of Sciences 100 (18) (2003) 10564–10567.

136. Bauch C. T., Earn D. J., Vaccination and the theory of games, Proceedings of the National Academy of Sciences of the United States of America 101 (36) (2004) 13391–13394.

137. Cialdini R. B., Reno R. R., Kallgren C. A., A focus theory of normative conduct: recycling the concept of norms to reduce littering in public places.

138. Cousins S., Syrian crisis: health experts say more can be done, The Lancet 385 (9972) (2015) 931–934.

139. Ganapathiraju P. V., Morssink C. B., Plumb J., Endgame for polio eradication options for overcoming social and political factors in the progress to eradicating polio, Global public health 10 (4) (2015) 463–473.

140. Larson H. J., Jarrett C., Eckersberger E., Smith D. M., Paterson P., Understanding vaccine hesitancy around vaccines and vaccination from a global perspective: A systematic review of published literature, 2007–2012, Vaccine 32 (19) (2014) 2150–2159.

141. Wang Z., Andrews M. A., Wu Z.-X., Wang L., Bauch C. T., Coupled disease–behavior dynamics on complex networks: A review, Physics of Life Reviews 15 (2015) 1–29.

142. Oraby T., Thampi V., Bauch C. T., The influence of social norms on the dynamics of vaccinating behaviour for paediatric infectious diseases, Proceedings of the Royal Society of London B: Biological Sciences 281 (1780) (2014) 20133172.

143. Galvani A. P., Reluga T. C., Chapman G. B., Long-standing influenza vaccination policy is in accord with individual self-interest but not with the utilitarian optimum, Proceedings of the National Academy of Sciences 104 (13) (2007) 5692–5697.

144. Shim E., Chapman G. B., Townsend J. P., Galvani A. P., The influence of altruism on influenza vaccination decisions, Journal of The Royal Society Interface (2012).

145. Atran S., The trouble with memes, Human Nature 12 (4) (2001) 351–381.

146. Deng Y., Generalized evidence theory, Applied Intelligence 43 (3) (2015) 530–543.

147. Deng X., Wang Z., Liu Q., Deng Y., Mahadevan S., A belief-based evolutionarily stable strategy, Journal of Theoretical Biology 361 (2014) 81–86.

148. P. E. Greenwood, M. S. Nikulin. A guide to chi-squared testing. — New York: Wiley, 1996.

149. Сидоренко Е. В. «Методы математической обработки в психологии». СПб.: ООО «Речь», 2007 г.