Publications

A. Indexed Journal Articles/Book Chapters

2020

1. Vanessa J. Burrowes, Ricardo Piedrahita, Ajay Pillarisetti, Lindsay J. Underhill, Magdalena Fandiño-Del-Rio, Michael Johnson,Josiah L. Kephart, Stella M. Hartinger, Kyle Steenland, Luke Naeher, Katie Kearns, Jennifer L. Peel, Maggie L. Clark, William Checkley, HAPIN Investigators. (2020), Comparison of next-generation portable pollution monitorsto measure exposure to PM2.5 from household air pollution in Puno, Peru. Wiley Burrows, https://doi.org/10.1111/ina.12638.

2. Kalpana Balakrishnan, ThomasClasen, SumiMehta, Jennifer Peel, AjayPillarisetti, AmodPokhrel, Jonathan Samet, LisaThompson, and Junfeng(Jim)Zhang. (2020), In Memoriam: Kirk R. Smith. Environmental Health Perspectives, https://doi.org/10.1289/EHP7808.

3. Dana BoydBarr, Naveen Puttaswamy, Lindsay M.Jaacks, Kyle Steenland, Sarah Rajkumar, Savannah Gupton,P. BarryRyan, Kalpana Balakrishnan, Jennifer L.Peel, William Checkley, Thomas Clasen, and MaggieL.Clark (HAPIN InvestigativeTeam). (2020), Design and Rationale of the Biomarker Center of the Household Air Pollution Intervention Network (HAPIN) Trial. Environmental Health Perspectives, https://doi.org/10.1289/EHP5751.

4. Michael A.Johnson, Kyle Steenland, Ricardo Piedrahita, Maggie L.Clark, Ajay Pillarisetti, Kalpana Balakrishnan, Jennifer L.Peel,Luke P.Naeher,Jiawen Liao, Daniel Wilson, Jeremy Sarnat, Lindsay J.Underhill, Vanessa Burrowes, John P.McCracken, Ghislaine Rosa, Joshua Rosenthal, Sankar Sambandam, Oscar deLeon, Miles A.Kirby, Katherine Kearns, William Checkley, Thomas Clasen, and HAPIN Investigators https://doi.org/10.1289/EHP6422. (2020), Air Pollutant Exposure and Stove Use Assessment Methods for the Household Air Pollution Intervention Network (HAPIN) Trial. Environmental Health Perspectives, https://doi.org/10.1289/EHP6422.

5. Thomas Clasen, William Checkley,Jennifer L.Peel,Kalpana Balakrishnan, John P.McCracken,Ghislaine Rosa, Lisa M.Thompson, Dana BoydBarr, Maggie L.Clark,Michael A.Johnson, Lance A.Waller,Lindsay M.Jaacks, Kyle Steenland, J. JaimeMiranda, Howard H.Chang, Dong-Yun Kim, Eric D.McCollum, Victor G.Davila-Roman, Aris Papageorghiou, Joshua P.Rosenthal, and HAPINInvestigators. (2020), Design and Rationale of the HAPIN Study: A Multicountry Randomized Controlled Trial to Assess the Effect of Liquefied Petroleum Gas Stove and Continuous Fuel Distribution. Environmental Health Perspectives, https://doi.org/10.1289/EHP6407.

6. Ricardo Piedrahita, Michael Johnson, Kelsey R. Bilsback, Christian L'Orange, John K. Kodros, Sarah Rose Eilenberg, Agnes Naluwagga, Ming Shan, Sankar Sambandam, Maggie Clark, Jeffrey R. Pierce, Kalpana Balakrishnan, Allen L. Robinson, John Volckens. (2020), Comparing regional stove-usage patterns and using those patterns to model indoor air quality impacts.Wiley, https://doi.org/10.1111/ina.12645.

7. Jibu George Varghese, Vidhya Venugopal, V Srinivasan, Ga Geetha Hari Priya. (2020), A Study on the Normative Values of Finger Flexion Cascade in Power Grip Users and Non-Power Grip Users. Journal of Clinical and Diagnostic Research, Vol-14(5): YC01-YC07, https://jcdr.net/article_fulltext.asp?issn=0973-709x&year=2020&volume=14&issue=5&page=YC01&issn=0973-709x&id=13677

8. vidhya venugopala, P.K lathaa, Rekha shanmugama, Manikandan krishnamoorthya, Priscilla johnsonb. (2020), Occupational heat stress induced health impacts: A cross-sectional study from South Indian working population. Advances in Climate Change Research, 31-39, https://doi.org/10.1016/j.accre.2020.05.009.

9. Vidhya Venugopal , P.K. Lathaa, Rekha Shanmugama, Manikandan Krishnamoorthy , Krishnan Srinivasan, Kumaravel Perumal , Jeremiah S. Chinnadurai. (2020), Risk of kidney stone among workers exposed to high occupational heat stress - A case study from southern Indian steel industry. Science of the Total Environment, https://doi.org/10.1016/j.scitotenv.2020.137619.

10. ibu George Varghese, Vidhya Venugopal, V Srinivasan, Ga Geetha Hari Priya. (2020), Gender Oriented Variations In The Finger Flexion Cascade In Normal Individuals. International Journal of Physiotherapy, Vol 7(2), 59-68, ISSN: 2348 – 8336, https://doi.org/10.15621/ijphy/2020/v7i2/652 .

11. Samantha Sivaswamy, Sankar Sambandan, Naveen Puttusamy, Padmavathi Ramasamy, M Surianarayanan, Sudhakar Rao Saidam. (2020), Urinary 1-Hydroxypyrene levels among children with asthma in Chennai, South India. Indian Journal of Science and Technology, 13(12): 1316-1320. https://doi.org/10.17485/IJST/v13i12.138.

12. Samantha Sivaswamy, Sankar Sambandan, Padmavathi Ramasamy, M Surianarayanan. (2020), Prevalence and risk factors associatedwith wheezing among children and adolescents from Chennai, South India. Indian Journal of Science and Technology, 13(12): 1316-1320. https://doi.org/10.17485/IJST/v13i12.259.

2019

13. GBD 2017 Diarrhoeal Disease Collaborators. (2019), Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. Lancet Infect Dis, pii: S1473-3099(19)30401-3. https://doi.org/10.1016/S1473-3099(19)30401-3. [Epub ahead of print] PMID: 31678029.

14. GBD 2017 Lower Respiratory Infections Collaborators. (2019), Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. Lancet Infect Dis, pii: S1473-3099(19)30410-4. https://doi.org/10.1016/S1473-3099(19)30410-4 [Epub ahead of print] PMID: 31678026.

15. Ranzani OT, Milà C, Sanchez M, Bhogadi S, Kulkarni B, Balakrishnan K, Sambandam S, Sunyer J, Marshall JD, Kinra S, Tonne C. (2019), Association between ambient and household air pollution with carotid intima-media thickness in peri-urban South India: CHAI-Project. Int J Epidemiol., pii: dyz208. https://doi.org/10.1093/ije/dyz208. [Epub ahead of print]PMID: 31605119.

16. Goodman D, Crocker ME, Pervaiz F, McCollum ED, Steenland K, Simkovich SM, Miele CH, Hammitt LL, Herrera P, Zar HJ, Campbell H, Lanata CF, McCracken JP, Thompson LM, Rosa G, Kirby MA, Garg S, Thangavel G, Thanasekaraan V, Balakrishnan K, King C, Clasen T, Checkley W; HAPIN Investigators. (2019), Challenges in the diagnosis of paediatric pneumonia in intervention field trials: recommendations from a pneumonia field trial working group. Lancet Respir Med., 7(12):1068-1083. https://doi.org/10.1016/S2213-2600(19)30249-8. Epub 2019 Oct 4. Review. PMID: 31591066.

17. Liao J, McCracken JP, Piedrahita R, Thompson L, Mollinedo E, Canuz E, De Léon O, Díaz-Artiga A, Johnson M, Clark M, Pillarisetti A, Kearns K, Naeher L, Steenland K, Checkley W, Peel J, Clasen TF HAPIN investigators. (2019), The use of bluetooth low energy Beacon systems to estimate indirect personal exposure to household air pollution. J Expo Sci Environ Epidemiol. , https://doi.org/10.1038/s41370-019-0172-z. [Epub ahead of print] PMID: 31558836.

18. Quinn AK, Williams K, Thompson LM, Rosa G, Díaz-Artiga A, Thangavel G, Balakrishnan K, Miranda JJ, Rosenthal JP, Clasen TF, Harvey SA. (2019), Compensating control participants when the intervention is of significant value: experience in Guatemala, India, Peru and Rwanda. BMJ Glob Health., 21;4(4): e001567. http://dx.doi.org/10.1136/bmjgh-2019-001567. eCollection 2019. Review. PMID: 31543990 Free PMC Article.

19. Sanchez M, Milà C, Sreekanth V, Balakrishnan K, Sambandam S, Nieuwenhuijsen M, Kinra S, Marshall JD, Tonne C.J. (2019), Personal exposure to particulate matter in peri-urban India: predictors and association with ambient concentration at residence. Expo Sci Environ Epidemiol, doi: 10.1038/s41370-019-0150-5.[Epub ahead of printPMID: 31263182. https://www.nature.com/articles/s41370-019-0150-5

.

20. Vidhya Venugopal, Manikandan Krishnamoorthy, Vettriselvi Venkatesan, Vijayalakshmi Jaganathan., Rekha Shanmugam, Karthik Kanagaraj, Dr. Solomon FD Paul. (2019), Association between occupational heat stress and DNA damage in lymphocytes of workers exposed to hot working environments in a steel industry in southern India". Published on July 22nd 2019. Temperature, https://doi.org/10.1080/23328940.2019.1632144.

21. Vidhya Venugopal, Rekha Shanmugam, Priscilla Johnson, Rebekah Ann Isabel Lucas and Kristina Jakobsson. (2019), Heat stress and inadequate toilet access at work places in India – a potential hazard to working women in a changing climate. Climanosco, ISSN 2673-1568, https://doi.org/10.3402/gha.v9.31945.

22. Mertens A, Balakrishnan K, Ramaswamy P, Rajkumar P, Ramaprabha P, Durairaj N, Hubbard AE, Khush R, Colford JM Jr, Arnold BF. (2019), Associations between High Temperature, Heavy Rainfall, and Diarrhea among Young Children in Rural Tamil Nadu, India: A Prospective Cohort Study. Environ Health Perspect. , 127(4):47004. https://doi.org/10.1289/EHP3711.

23. Pillarisetti A, Ghorpade M, Madhav S, Dhongade A, Roy S, Balakrishnan K, Sankar S, Patil R, Levine DI, Juvekar S, Smith KR. (2019), Promoting LPG usage during pregnancy: A pilot study in rural Maharashtra, India. Environ Int. 127:540-549. https://doi.org/10.1016/j.envint.2019.04.017.

24. India State-Level Disease Burden Initiative Air Pollution Collaborators. (2019), The impact of air pollution on deaths, disease burden, and life expectancy across the states of India: The Global Burden of Disease Study 2017. Lancet Planet Health, 3(1): e26-e39. https://doi.org/10.1016/S2542-5196(18)30261-4.

25. Kalpana Balakrishnan. (2019), The power of data to drive change. Bull World Health Organ 2019, 1. 97:81–82 | doi: http://dx.doi.org/10.2471/BLT.19.030219,

26. Kalpana Balakrishnan, Sagnik Dey, Lalit Dandona. (2019), The impact of air pollution on deaths, disease burden, and life expectancy across the states of India: The Global Burden of Disease Study 2017. Lancet Planetary Health, https://doi.org/10.1016/S2542-5196(18)30261-4.

27. Vidhya Venugopal, Manikandan Krishnamoorthy, Vettriselvi Venkatesan, Vijayalakshmi Jaganathan, Rekha Shanmugam, Karthik Kanagaraj & Dr. Solomon FD Paul. (2019), Association between occupational heat stress and DNA damage in lymphocytes of workers exposed to hot working environments in a steel industry in southern India. Temperature, ISSN 2332-8959, https://doi.org/10.1080/23328940.2019.1632144.

28. Karin Lundgren Kownacki, Siri M. Kjellberg, Pernille Goosh, Marwa Dabaieh & Vidhya Venugopal. (2019), Increasing heat creates hardship for brick kiln workers in Chennai, India and the alternative pathways reducing it. Climanosco, ISSN 2673-1568, https://doi.org/10.37207/CRA.2.1.

29. Vidhya Venugopal, Rekha Shanmugam,Priscilla Johnson, Rebekah Ann Lucas, Kristina Jakobsson. (2019), Heat stress and inadequate toilet access at work place a potential hazard to working women in changing climate. Climanosco, ISSN 2673-1568. https://doi.org/10.37207/CRA.2.4 .

30. Vidhya Venugopal, Latha PK, Rekha S, Manikandan K, Kjellstrom T. (2019), Risk factors for heat strain–comparing indoor and outdoor workers in the changing climate scenario. BMJ-Occupational and Environmental Medicine, http://dx.doi.org/10.1136/OEM-2019-EPI.184 .

31. S. Jothi Lakshmi, Saranya Jaisankar and Krishnendu Mukhopadhyay. (2019), Knowledge, Attitude, Practice and its impact on Acetyl Choline Esterase level among Organo-Phosphate Pesticide Applicators in South India. Indian Journal of Science and Technology,Vol 12(13), https://indjst.org/articles/knowledge-attitude-practice-and-its-impact-on-acetylcholine-esterase-level-among-organophosphate-pesticide-applicators-in-south-india .

32. S. Jothi Lakshmi, Santu Ghosh, Padmavathi Ramaswamy, Shriram Mahadevan and Krishnendu Mukhopadhyay. (2019), 'A cross sectional study on type-2 diabetes meletus among organophosphate pesticide applicators in selected rural South India'. Indian Journal of Science and Technology (Accepted)., 10.17485/ijst/2019/v12i20/144700, https://indjst.org/articles/a-cross-section-study-on-type-2-diabetes-mellitus-among-organophosphate-pesticide-applicators-in-selected-rural-south-india .

33. Jothi Lakshmi*, Krishnandu Mukhopadhay, Padmavathi Ramaswamy, Shriram Mahadevan. (2019), A Systematic Review on Organophosphate Pesticide and Type Ii Diabetes Mellitus. Current Diabetes Reviews, https://www.eurekaselect.com/173448/article .

2018

34. Hong Y-C, Hicks K, Malley C, Kuylenstierna J, Emberson L, Balakrishnan K, Pillarisetti A, Sunwoo Y, et al. (2018), Air Pollution in Asia and the Pacific: Science-based solutions. United Nations Environment Programme (UNEP), Bangkok, Thailand. http://pure.iiasa.ac.at/id/eprint/15561/7/2019_air-pollution-asia-pacific-full-report.pdf .

35. Matthew Shupler, Kalpana Balakrishnan, Santu Ghosh, Gurusamy Thangavel, Sasha Stroud-Drinkwater, Heather Adair-Rohani, Jessica Lewis, Sumi Mehta, Michael Brauer. (2018), Global Household Air Pollution Database: Kitchen Concentrations and Personal Exposures of Particulate Matter and Carbon Monoxide. Data in Brief 21(2018)., 1292–1295, https://doi.org/10.1016/j.dib.2018.10.120 .

36. GBD 2017 DALYs and HALE Collaborators. (2018), Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, 392: 1859–922, https://doi.org/10.1016/S0140-6736(18)32335-3 .

37. GBD 2016 Lower Respiratory Infections Collaborators. (2018), Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Infect Dis, 18: 1191–210. https://doi.org/10.1016/S1473-3099(18)30310-4 .

38. GBD 2017 Mortality Collaborators. (2018), Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet , 392: 1684–735. https://doi.org/10.1016/S0140-6736(18)31891-9 .

39. GBD 2017 Risk Factor Collaborators. (2018), Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, 392: 1923–94, https://doi.org/10.1016/S0140-6736(18)32225-6 .

40. GBD 2017 SDG Collaborators. (2018), Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, 392: 2091–138, https://doi.org/10.1016/S0140-6736(18)32281-5 .

41. Balakrishnan K. (2018), Fueling Clean Household Environments. Eco Helath, https://link.springer.com/article/10.1007%2Fs10393-018-1381-y .

42. Ajay Pillarisetti, Manpreet Gill, Tracy Allen, Sathish Madhavan, Arun Dhongade, Makarand Ghorpade, Sudipto Roy, Kalpana Balakrishnan, Sanjay Juvekar, Kirk R. Smith. (2018), A Low-Cost Stove Use Monitor to Enable Conditional Cash Transfers. Eco Health, https://doi.org/10.1021/es504624c.

43. India State-Level Disease Burden Initiative CRD Collaborators. (2018), The burden of chronic respiratory diseases and their heterogeneity across the states of India: The Global Burden of Disease Study 1990–2016. Lancet Global Health, Volume 6, Pages e1363-e1374 https://doi.org/10.1016/S2214-109X(18)30409-1 .

44. Sameer Patel, Anna Leavey, Praveen Kumar, Jaime Tarsi, Krishnendu Mukhopadhyay, Priscilla Johnson, Kalpana Balakrishanan, Kenneth B. Schechtman, Mario Castro, Gautam Yadama, and Pratim Biswas. (2018), Associations between Household Air Pollution and Reduced Lung Function in Women and Children in Rural Southern India. Journal of Applied Toxicology, https://doi.org/10.1002/jat.3659.

45. Terry Gordon, Kalpana Balakrishnan, Sagnik Dey, Sanjay Rajagopalan, Jonathan Thornburg, George Thurston, Anurag Agrawal, Gwen Collman, Randeep Guleria, Sneha Limaye, Sundeep Salvi, Vasu Kilaruj, Srikanth Nadadur. (2018), Air pollution health research priorities for India: Perspectives of the Indo-U.S. Communities of Researchers. Environment. Intl, https://doi.org/10.1016/j.envint.2018.06.013 .

46. Sanchez M, Ambros A, Milà C, Salmon M, Balakrishnan K, Sambandam S, Sreekanth V, Marshall JD, Tonne C. (2018), Development of land-use regression models for fine particles and black carbon in peri-urban South India. Science of the Total Environment, 4;634:77-86. https://doi.org/10.1016/j.scitotenv.2018.03.308 .

47. Balakrishnan K, Ghosh S, Thangavel G, Sambandam S, Mukhopadhyay K , Puttaswamy N ,Sadasivam A , Ramaswamy P , Johnson P , Kuppuswamy R , Natesan D , Maheshwari U , Natarajan A ,Rajendran G , Ramasami R , Madhav S , Manivannan S , Nargunanadan S , Natarajan S , Saidam S ,Chakraborty M , Balakrishnan L , Thanasekaraan V. (2018), Exposures to fine particulate matter (PM2.5) and birthweight in a rural-urban, mother-child cohort in Tamil Nadu, India. Environmental Research, https://doi.org/10.1016/j.envres.2017.11.050 .

48. Michelle Heacock*, Brittany Trottier, Sharad Adhikary, Kwadwo Ansong Asante, Nil Basu, Marie-Noel Brune, Jack Caravanos, David Carpenter, Danielle Cazabon, Paromita Chakraborty, Aimin Chen, Fernando Diaz Barriga, Bret Ericson, Julius Fobil, Budi Haryanto, Xia Huo, T.K. Joshi, Philip Landrigan, Adeline Lopez, Frederico Magalini, Panida Navasumrit, Antonio Pascale, Sankar Sambandam, Upik Sitti Aslia Kamil, Leith Sly, Peter Sly, Ann Suk, Inoka Suraweera, Ridwan Tamin, Elena Vicario and William Suk. (2018), Prevention-intervention strategies to reduce exposure to e-waste. Review of Environmental Health, https://doi.org/10.1515/reveh-2018-0014 .

49. S. Rose Eilenberg, Kelsey R. Bilsback, Michael Johnson, John K. Kodros, Eric M. Lipsky, Agnes Naluwagga, Kristen M. Fedak, Megan Benka-Coker, Brooke Reynolds, Jennifer Peel, Maggie Clark, Ming Shan, Sankar Sambandam, Christian L'Orange, Jeffrey R. Pierce, R. Subramanian, John Volckens, Allen L. Robinson. (2018), Field measurements of solid-fuel cookstove emissions from uncontrolled cooking in China, Honduras, Uganda, and India. Atmospheric Environment, https://doi.org/10.1016/j.atmosenv.2018.06.041 .

50. Kuppuswamy, Rajarajeswari, Vidhya Venugopal, and Aruna Subramaniam. (2018), Development and validation of a food frequency questionnaire for pregnant women of Tamil Nadu, India. International Journal of Nutrition, Pharmacology, Neurological Diseases, http://www.ijnpnd.com/article.asp?issn=2231-0738;year=2018;volume=8;issue=3;spage=86;epage=91;aulast=Kuppuswamy .

51. Lundgren-Kownacki, Karin, Siri M. Kjellberg, Pernille Gooch, Marwa Dabaieh, Latha Anandh, and Vidhya Venugopal. (2018), Climate change-induced heat risks for migrant populations working at brick kilns in India: a transdisciplinary approach. International journal of biometeorology, https://link.springer.com/article/10.1007/s00484-017-1476-0 .

52. Manikandan Krishnamoorthy, Vidhya Venugopal, Vettriselvi Venkatesan, Vijayalakshmi Jaganathan, and S. F. D. Paul. (2018), Occupational Heat Stress, DNA damage and Heat Shock Protein-A Review. Medical Research Archives , https://doi.org/10.18103/mra.v6i1.1631.

53. Venugopal V1760. (2018), Climate variability impacts on occupational health – research evidence and future steps. Occup Environ Med, 75: A4. https://doi.org/10.18103/mra.v6i1.1631 .

2017

54. Ellison M. Carter, Christina Norris, Kathie L. Dionisio, Kalpana Balakrishnan, William Checkley, Steven N. Chillrud, Santu Ghosh, Darby W. Jack, Patrick L. Kinney, Luke P. Naeher, Sankar Sambandam, James J. Schauer, Blair J. Wylie, Jill Baumgartner. (2017), Assessing exposure to household air pollution from biomass burning: A systematic review of carbon monoxide as a surrogate measure of particulate matter. Env. Health Perspect, https://doi.org/10.1289/EHP767.

55. Cathryn Tonne ,Maëlle Salmon, Margaux Sanchez, V. Sreekanth, Santhi Bhogadi, Sankar Sambandam, Kalpana Balakrishnan, Sanjay Kinra, Julian D. Marshall. (2017), Integrated assessment of exposure to PM2.5 in South India and its relation with cardiovascular risk: Design of the CHAI observational cohort study. International Journal of Hygiene and Environmental Health. https://doi.org/10.1016/j.ijheh.2017.05.005 .

56. Joshua Rosenthal, Kalpana Balakrishnan, Nigel Bruce, David Chambers, Jay Graham, Darby Jack, Lydia Kline, Omar Masera, Sumi Mehta, Ilse Ruiz Mercado, Gila Neta, Subhrendu Pattanayak, Elisa Puzzolo, Helen Petach, Anthony Punturieri, Adolfo Rubinstein, Michael Sage, Rachel Sturke, Anita Shankar, Kenny Sherr, Kirk Smith, Gautam Yadama. (2017), Implementation Science to Accelerate Clean Cooking for Public Health. Env. Health Perspect, A3-A7. https://doi.org/10.1289/EHP1018 .

57. Aaron J Cohen, Michael Brauer, Richard Burnett, H Ross Anderson, Joseph Frostad, Kara Estep, Kalpana Balakrishnan, Bert Brunekreef, Lalit Dandona, Rakhi Dandona, Valery Feigin, Greg Freedman, Bryan Hubbell, Amelia Jobling, Haidong Kan, Luke Knibbs, Yang Liu, Randall Martin, Lidia Morawska, C Arden Pope III, Hwashin Shin, Kurt Straif, Gavin Shaddick, Matthew Thomas, Rita van Dingenen, Aaron van Donkelaar, Theo Vos, Christopher J L Murray, Mohammad H Forouzanfar. (2017), Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015. Lancet, 1907-18, https://doi.org/10.1016/S0140-6736(17)30505-6 .

58. Vidhya Venugopal, Jeremiah Chinnadurai, S Rekha, Manikandan Krishnamoorthy, S Krishnan, K Latha, K Kumaravel. (2017), Field Study Potential in India for Occupational Heat Stress - challenges and opportunities. Occup Environ Med, https://doi.org/10.1016/S0140-6736(17)30505-6 .

59. LathaKamalakannan, RekhaShanmugam, ManikandanKrishnamoorthy, Jeremiah Chinnadurai, Kumaravel Perumal. (2017), Occupational Heat Exposures in Industries and Renal Health – findings from India. BMJ Journals, Occup Environ Med , http://dx.doi.org/10.1136/oemed-2017-104636.177 .

60. Ida Karlsson, Vidhya Venogupal, Anna Suraya, Kristina Jakobsson. (2017), Perceived Heat Exposure While At Work. A Questionnaire Study in West Java, Indonesia.: first. BMJ Journals, Institution of Public Health and Community Medicine, Gothenburg, Sweden. Occup Environ Med, 10.1136/oemed-2017-104636.373, http://dx.doi.org/10.1136/oemed-2017-104636.373 .

61. Kristina Jakobsson, Rebekah Lucas, Vidhya Venugopal, Jennifer Crowe, Camilla Dahlqvist, Jenny Apelqvist, Ilana Weiss, Jason Glaser. (2017), Work In Heat: A Challenge For The Kidneys. BMJ Journals. Occup Environ Med, 10.1136/oemed-2017-104636.126, http://dx.doi.org/10.1136/oemed-2017-104636.126 .

62. Dr. Vidhya Venugopal, Dr. Krishnan S. (2017), Physiological Implications of Occupational Heat Stress for Maintenance Workers in a Residential Complex in Chennai - An Exploratory Intervention Trial. Indian J Physiol Pharmacol. https://www.ijpp.com/IJPP%20archives/2017_61_1/23-29.pdf .

63. Saraswathy Manivannan, Vidhya Venugopal, Anupma Jyothi Kindo1, Rajarajeswari Kuppuswamy. (2017), Method for assessment of indoor household dampness for its use in epidemiological studies in tropical settings . Annals of Tropical Medicine and Public Health, ISSN 1755-6783. http://www.atmph.org/article.asp?issn=1755-6783;year=2017;volume=10;issue=4;spage=966;epage=972;aulast=Manivannan;type=0 .

64. Rajarajeswari K1*, Venugopal V2 and Saraswathy M3. (2017), Challenges and Opportunities in Dietary Assessment of Pregnant Women in Tamil Nadu. Indian Journal of Nutrition, ISSN: 2395-2326. https://www.opensciencepublications.com/fulltextarticles/IJN-2395-2326-4-165.html .

65. Dr.Kalpana Balakrishnan, Santu Ghosh1, Gurusamy Thangavel, Sankar Sambandam, Krishnendu Mukhopadhyay, Naveen Puttaswamy, Arulselvan Sadasivam, Padmavathi Ramaswamy2, Priscilla Johnson2, Rajarajeswari Kuppuswamy, Durairaj Natesan,Uma Maheshwari, Amudha Natarajan, Gayathri Rajendran, Rengaraj Ramasami,Sathish Madhav, Saraswathy Manivannan, Srinivasan Nargunanadan, Srinivasan Natarajan,Sudhakar Saidam, Moumita Chakraborty, Lingeswari Balakrishnan,Vijayalakshmi Thanasekaraan. (2017), Exposures to fine particulate matter (PM2.5) and birthweight in a ruralurban, mother-child cohort in Tamil Nadu, India. Environmental Research, 161:524-531. https://doi.org/10.1016/j.envres.2017.11.050 .

66. Nafeesa MAC1, Vidhya Venugopal1*, Vijayalakshmi P2, and Rajkumar P1. (2017), Perceived Work-Related Psychosocial Stress and Musculoskeletal Disorder Complaints among Call Centre Workers in India – A Cross Sectional Study. Annals of Musculoskeletal Disorders, 5(2):80-85. https://medcraveonline.com/MOJAP/perceived-work-related-psychosocial-stress-and-musculoskeletal-disorders-complaints-among-call-centre-workers-in-indiandasha-cross-sectional-study.html .

67. Vidhya Venugopal, Latha Kamalakannan, Rekha Shanmugam , Manikandan Krishnamoorthy, Jeremiah Chinnadurai, Kumaravel Perumal. (2017), Occupational Heat Exposures in Industries and Renal Health – findings from India. INDEXED ABSTRACT: BMJ_OEM Journals, Occup Environ Med 2017; , http://dx.doi.org/10.1136/oemed-2017-104636.177 .

68. Vidhya Venugopal, Jeremiah Chinnadurai, S Rekha, Manikandan Krishnamoorthy, S Krishnan, K Latha, K Kumaravel. (2017), Field Study Potential In India For Occupational Heat Stress – challenges and opportunities. INDEXED ABSTRACT: BMJ_OEM Journals, Occup Environ Med, http://dx.doi.org/10.1136/oemed-2017-104636.363 .

69. GBD 2015 DALYs and HALE Collaborators. (2017), Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, https://doi.org/10.1016/S0140-6736(16)31460-X .

70. GBD 2015 Risk Factors Collaborators. (2017), Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, https://doi.org/10.1016/S0140-6736(16)31679-8 .

71. Vidhya Venugopal, Tord Kjellstrom, Rebekah Lucas, Kristina Jakobsson, Jason Glaser, Seichi Horie, Sirikka Rissenen, Hannu Rintamaki. (2017), Hot climate and hot work environment: A serious health concern for both indoor and outdoor workers. ICOH Newsletter,Volume 15, Number 3,(2017).

2016

72. Premkumar. S, Padmavathi Ramaswamy, Priscilla Johnson, Santu Ghosh, Sankar Sambandam, Kalpana Balakrishnan, Vijayalakshmi Thanasekaraan. (2016), A descriptive study of socioeconomic factors among nonsmoking rural female tuberculosis patients. Sch. J. App. Med. Sci, ISSN 2320-6691 (Online) ISSN 2347-954X (Print), http://saspublisher.com/wp-content/uploads/2017/01/SJAMS-412B-4307-4310.pdf

73. GBD Collaborators 2015. (2016), Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015". Lancet, DOI: https://doi.org/10.1016/S0140-6736(16)31467-2 .

74. GBD 2015 Disease and Injury Incidence and Prevalence Collaborators. (2016), Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, DOI: https://doi.org/10.1016/S0140-6736(16)31678-6 .

75. GBD 2015 Maternal Mortality Collaborators. (2016), Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, 388(10053):1775-1812. https://doi.org/10.1016/S0140-6736(16)31678-6 .

76. GBD 2015 Mortality and Causes of Death Collaborators. (2016), Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, DOI: https://doi.org/10.1016/S0140-6736(16)31012-1 .

77. GBD 2015 Child Mortality Collaborators. (2016), Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, DOI: https://doi.org/10.1016/S0140-6736(16)31575-6 .

78. Havelaar AH, Kirk MD, Torgerson PR, Gibb HJ, Hald T, Lake RJ, et al.). (2016), World Health Organization Global Estimates and Regional Comparisons of the Burden of Foodborne Disease in 2010. Plos Medicine, 3;12(12): e1001923, https://doi.org/10.1371/journal.pmed.1001923 .

79. Ambuj Sagar, Kalpana Balakrishnan, Sarath Guttikunda, Anumita Roychowdhury, and Kirk R. Smith. (2016), India Leads the Way: A Health-Centered Strategy for Air Pollution. Environmental Health Perspect, 124(7): A116–A117 https://doi.org/10.1289/EHP90 .

80. Brauer, M., Freedman, G., Frostad, J., Van Donkelaar, A., Martin, R. V., Dentener, F. Cohen, A. (2016), Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. Environmental Science and Technology, 50, 1, 79-88, https://doi.org/10.1021/acs.est.5b03709 .

81. Balakrishnan, K., Ramaswamy, P., & Sankar, S. (2016), Biomass Smoke and Health Risks-The Situation in Developing Countries. Handbook of Environmental Chemistry, pp 219-239, https://link.springer.com/chapter/10.1007%2Fb94836 .

82. Vidhya Venugopal , Jeremiah S. Chinnadurai, Rebekah A. I. Lucas, Tord Kjellstrom. (2016), Occupational Heat Stress Profiles in Selected Workplaces in India. Environ. Res. Public Health, 13(1). pii: E89, https://doi.org/10.3390/ijerph13010089 .

83. Vidhya Venugopal1*, Shanmugam Rekha1, Krishnamoorthy Manikandan1, Perumal Kamalakkannan Latha1, Viswanathan Vennila1, Nalini Ganesan2, Perumal Kumaravel1 and Stephen Jeremiah Chinnadurai. (2016),Heat stress and inadequate sanitary facilities at workplaces an occupational health concern for women?. Global Health Action,14;9:31945. https://doi.org/10.3402/gha.v9.31945 .

84. Krishnan Srinivasan, K. N. Maruthy1, Vidhya Venugopal2, Padmavathi Ramaswamy. (2016), Research in occupational heat stress in India: Challenges and opportunities. Indian Journal of Occupational and Environmental Medicine, 20(2):73-78. http://www.ijoem.com/article.asp?issn=0973-2284;year=2016;volume=20;issue=2;spage=73;epage=78;aulast=Srinivasan .

85. Manikandan Krishnamurthy, Paramesh Ramalingam, Kumaravel Perumal,Latha Perumal Kamalakannan, Jeremiah Chinnadurai, Rekha Shanmugam,Krishnan Srinivasan, Vidhya Venugopal*. (2016), Occupational Heat Stress Impacts on Health and Productivity in a Steel Industry in Southern India. Occupational Safety and Health Research Institute, https://doi.org/10.1016/j.shaw.2016.08.005 .

86. Vidhya Venugopal,Jeremiah Chinnadurai,Kumaravel K, ; Latha PK, Manikandan K, Rekha S. (2016), Occupational Heat Exposures and Health Implications – Epidemiological evidence from select India workplaces. Environmental Health Perspectives, In: Abstracts of the 2016 Conference of the International Society of Environmental Epidemiology (ISEE). http://dx.doi.org/10.1289/ehp.isee2016 .

87. Venugopal V P346. (2016), Exposures to heat stress and inadequate sanitation – implications on occupational health of women in nations. Occup Environ Med,73: A237-A238. Abstracts from 25th EPICOH Conference, Barcelona, Spain, 2016. http://dx.doi.org/10.1136/oemed-2016-103951.661 .

2015

88. GBD 2013 Risk Factors Collaborators Balakrishnan K. (2015), Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, ISSN: 0140-6736, https://doi.org/10.1016/S0140-6736(15)00128-2 .

89. GBD 2013 DALYs and HALE Collaborators Balakrishnan K. (2015), Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. Lancet, ISSN: 0140-6736, https://doi.org/10.1016/S0140-6736(15)00128-2 .

90. Global Burden of Disease Study 2013 Collaborators Balakrishnan K. (2015), Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, ISSN: 0140-6736, https://doi.org/10.1016/S0140-6736(15)60692-4 .

91. Kalpana Balakrishnan,Sankar Sambandam,Padmavathi Ramaswamy,Santu Ghosh,Vettriselvi Venkatesan,Gurusamy Thangavel, Krishnendu Mukhopadhyay, Priscilla Johnson,Solomon Paul, Naveen Puttaswamy,Rupinder S Dhaliwal, D K Shukla, SRU-CAR Team1. (2015), Establishing integrated rural-urban cohorts to assess air pollution-related health effects in pregnant women, children and adults in Southern India: an overview of objectives, design and methods in the Tamil Nadu Air Pollution and Health Effects (TAPHE) study. BMJ Open, ISSN 2044-6055, http://dx.doi.org/10.1136/bmjopen-2015-008090 .

92. Sandul Yasobant, Paramasivan Rajkumar. (2015), Health of the healthcare professionals: A risk assessment study on work-related musculoskeletal disorders in a tertiary hospital, Chennai, India. International Journal of Medicine and Public Health, https://ijmedph.org/sites/default/files/IntJMedPublicHealth_2015_5_2_189_153836.pdf .

93. Kalpana Balakrishnan, Sankar Sambandam, Santu Ghosh, Krishnendu Mukhopadhyay, Mayur Vaswani, Narendra K. Arora, Darby Jack, Ajay Pillariseti, Michael N. Bates, Kirk R. (2015), Household Air Pollution Exposures of Pregnant Women Receiving Advanced Combustion Cookstoves in India: Implications for Intervention. Annual of Global Health, ISSN: 2214-9996, https://annalsofglobalhealth.org/articles/abstract/10.1016/j.aogh.2015.08.009/ .

94. Dharshana Yazhini, Latha. K, V. Venugopal. (2015), Role of Building Material in Thermal Comfort and Energy Conservation in Tropical Climates - A Review. Journal of Building Engineering, https://doi.org/10.1016/j.jobe.2015.06.003 .

95. Jeremiah Chinnadurai, Kumaravel, Paramesh, Vidhya Venugopal. (2015), Estimating worker's productivity using predicted mean vote index - An exploratory study in construction sector in Chennai. International Journal of Productivity and Performance Management, Vol.65, Issue.2, pp.1-12, 2016, https://www.emerald.com/insight/content/doi/10.1108/IJPPM-08-2014-0121/full/html .

96. Vidhya Venugopal, Jeremiah Chinnadurai, Vennila Viswanathan, Ajith Rajiva, Rebekah Lucas, Tord Kjellstrom. (2015), The social implications of occupational heat stress on migrant workers engaged in public construction: A case study from South India. Constructed Environment, https://doi.org/10.18848/2154-8587/CGP/v07i02/25-36 .

97. Krishnan. S, Archana P, Kumar, Jeremiah Chinnadurai, Padmavathi R, Vidhya Venugopal. (2015), Self-Reported Symptoms Due To Heat Stress among Housekeeping Workers of a Residential Complex Maintenance Sector Med. Sci;. Sch. J. App., 3(6A): (2015): 2161-2164, http://saspublisher.com/wp-content/uploads/2015/09/SJAMS-36A-2161-2164.pdf .

2014

98. Mohsen Naghavi, Haidong Wang, Rafael Lozano, Adrian Davis,Xiaofeng Liang, Maigeng Zhou, Stein Emil Vollset,AyseAbbasogluOzgoren, BalakrishnanKalpana and others. (2014), Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990 -2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, ISSN: 0140-6736.

99. Murray CJ, Ortblad KF, Guinovart C, Lim SS, Wolock TM, Roberts DA, Dansereau EA, Graetz N, Barber RM, Brown JC, Wang H, Duber HC, Naghavi M, Dicker D, Dandona L, Salomon JA, Heuton KR, Foreman K, Phillips DE, Fleming TD, Flaxman AD, Phillips BK, Johnson EK, Coggeshall MS, Abd-Allah F, Balakrishnan K and others. (2014), Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet,13;384(9947):1005-70. https://doi.org/10.1016/S0140-6736(14)60844-8 .

100. Kassebaum NJ, Bertozzi-Villa A, Coggeshall MS, Shackelford KA, Steiner C, Heuton KR, Balakrishnan K and others. (2014), Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet,: https://doi.org/10.1016/S0140-6736(14)60696-6 .

101. Stephen B Gordon, Nigel G Bruce, Jonathan Grigg, Patricia L Hibberd, Om P Kurmi, Kin-bong Hubert Lam, Kevin Mortimer, KwakuPoku Asante, Kalpana Balakrishnan et al. (2014), Respiratory risks from household air pollution in low and middle income countries. The Lancet Respiratory Medicine, ISSN: 0140-6736, https://doi.org/10.1016/S2213-2600(14)70168-7 .

102. Balakrishnan K, Cohen A, Smith KR. (2014). (2014), Addressing the burden of disease attributable to air pollution in India: the need to integrate across household and ambient air pollution exposures. Environ Health Perspect, 122(1): A6–A7, https://doi.org/10.1289/ehp.1307822 .

103. Kathleen F. Bush, Marie S. O'Neill, Shi Li, Bhramar Mukherjee, Howard Hu, Santu Ghosh,KalpanaBalakrishnan. (2014), Associations between Extreme Precipitation and Gastrointestinal-Related Hospital Admissions in Chennai, India. Environ. Health Persp.122(3):249-54. doi: 10.1289/ehp.1306807, https://doi.org/10.1289/ehp.1306807 .

104. Smith K, Bruce N, Balakrishnan K, Adair-Rohani H, Balmes J, Chafe Z, et al. (2014). (2014), Millions dead: How do we know and what does it mean? Methods used in the comparative risk assessment of household air pollution. Ann Rev of Public Health, 35:185-206. doi: 10.1146/annurev-publhealth-032013-182356, https://doi.org/10.1146/annurev-publhealth-032013-182356 .

105. Pillarisetti A, Vaswani M, Jack D, Balakrishnan K, Bates MN, Arora NK, Smith KR. (2014), Patterns of stove usage after introduction of an advanced cookstove: the long-term application of household sensors. Environ Sci Technol, 16;48(24):14525-33. https://doi.org/10.1021/es504624c .

106. Nigel Bruce, Dan Pope, Eva Rehfuess, KalpanaBalakrishnan, Heather Adair-Rohani, Carlos Dora. (2014), WHO indoor air quality guidelines on household fuel combustion: Strategy implications of new evidence on interventions and exposure-risk functions. Atmospheric Environment, ISSN: 1352-2310, https://doi.org/10.1016/j.atmosenv.2014.08.064 .

107. Arnold, Benjamin, Khush, Ranjiv, Ramaswamy, Padmavathi, Rajkumar, Paramasivan, Durairaj, Natesan, Ramaprabha, Prabhakar, Balakrishnan, Kalpana,Colford, John. (2014), Reactivity in rapidly collected hygiene and toilet spot check measurements: a cautionary note for longitudinal studies. Am. J. Trop. Med. and Hygiene, ISSN- 0002-9637, https://doi.org/10.4269/ajtmh.14-0306 .

108. Northcross AL, Hwang N, Balakrishnan K, Mehta S. (2014), Assessing Exposures to Household Air Pollution in Public Health Research and Program Evaluation. EcoHealth , ISSN: 1612-9202, https://link.springer.com/article/10.1007/s10393-014-0990-3 .

109. SankarSambandam, KalpanaBalakrishnan, Santu Ghosh, ArulselvanSadasivam, Satish Madhavan, Rengaraj Siva, MaitreyaSamanta, HafeezRehman, VeerabhadranRamanathan. (2014), Can currently available advanced combustion biomass cook-stoves provide health relevant exposure reductions? Results from initial assessment of select commercial models in India. EcoHealth, 12(1):25-41. doi: 10.1007/s10393-014-0976-1, https://link.springer.com/article/10.1007%2Fs10393-014-0976-1

110. ArasiSenthil, BalasubramanianAnandh, PalsamyJayachandran, GurusamyThangavel, Diana Josephin, RavindranYamini, BalakrishnanKalpana. (2014), Perception and prevalence of work-related health hazards among health care workers in public health facilities in southern India. Int J Occup Environ Health., 21(1):74-81, https://doi.org/10.1179/2049396714Y.0000000096 .

111. Santu Ghosh, KalpanaBalakrishnan, KrishnenduMukhopadhyay, SankarSambandam, Naveen Puttaswamy, Moumita Chakraborty, Parthasarathi Ghosh, ManasRanjan Ray, Dona Sinha, SaumyadiptaPyne. (2014), Addressing disease burdens attributable to ambient and household air pollution in India: A review to scope future research priorities for carcinogenicity of air toxics. J. Indian Soc. Agri. Statistics, https://www.researchgate.net/publication/269682295_Addressing_Disease_Burdens_Attributable_to_Ambient_and_Household_Air_Pollution_in_India_A_Review_to_Scope_Future_Research_Priorities_for_Carcinogenicity_of_Air_Toxics .

112. KrishnenduMukhopadhyay, RengaraiRamasamy, BananiMukhopadhyay, Santu Ghosh, SankarSambandam, KalpanaBalakrishnan. (2014), Use of Ventilation- Index in trhe development of Exposure model for indoor air pollution. A Review, Op-en Journal of Air Pollution, 03(02):33-41, https://www.scirp.org/journal/paperinformation.aspx?paperid=46679

113. Sandul Yasobant, Paramasivan Rajkumar. (2014), Work-related musculoskeletal disorders among health care professionals; A cross-sectional assessment of risk factors in a tertiary hospital, India. Indian Journal of Occupational and Environmental Medicine, 18(2):75-81, http://www.ijoem.com/article.asp?issn=0973-2284;year=2014;volume=18;issue=2;spage=75;epage=81;aulast=Yasobant .

114. Sriram Chandramohan. (2014), Public health education in India: A need for a change. Indian Journal of Research, 36(3): 178–181.doi: 10.4103/0970-0218.86516.

115. S Jeremiah Chinnadurai, Vidhya Venugopal, P Kumaravel, K Paari, Krishnendu Mukhopadhyay. (2014), Challenges and opportunities in occupational health services in India - A perceptional study from southern India. Asian-Pacific Newsletter on Occupational Health and Safety, https://www.academia.edu/34187595/Asian_Pacific_Newsletter_Occupational_health_services_and_primary_health_care .

116. Lundgren, Karin, Kalev Kuklane, and Vidhya Venugopal. (2014), Occupational heat stress and associated productivity loss estimation using the PHS model (ISO 7933): a case study from workplaces in Chennai, India. Global health action, Vol 7, no. 1 (2014): 25283, https://doi.org/10.3402/gha.v7.25283 .

117. Murray CJ, Ortblad KF, Guinovart C, Lim SS, Wolock TM, Roberts DA, Dansereau EA, Graetz N, Barber RM, Brown JC, Wang H, Duber HC, Naghavi M, Dicker D, Dandona L, Salomon JA, Heuton KR, Foreman K, Phillips DE, Fleming TD, Flaxman AD, Phillips BK, Johnson EK, Coggeshall MS, Abd-Allah F, Balakrishnan K and others (2014). (2014), Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, S0140-6736(14)60844-8, https://doi.org/10.1016/S0140-6736(14)60844-8 .

118. Kassebaum NJ, Bertozzi-Villa A, Coggeshall MS, Shackelford KA, Steiner C, Heuton KR, Balakrishnan K and others (2014). (2014), Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, S0140-6736(14)60696-6, https://doi.org/10.1016/S0140-6736(14)60696-6 .

119. Kalpana Balakrishnan, Sambandam Sankar, Santu Ghosh, Gurusamy Thangavel, Krishnendu Mukhopadhyay,Padmavathi Ramaswamy, Priscilla Johnson, Vijayalakshmi Thanasekaraan. (2014), Household Air Pollution Related to Solid Cookfuel Use: The Exposure and Health Situation in Developing Countries. I. Pluschke and H. Schleibinger (eds.), Indoor Air Pollution, 2nd Edition, Handbook of Env Chemistry, Springer Verlag, Heidelberg., https://www.springer.com/gp/book/9783662560631

120. Smith K, Bruce N, Balakrishnan K, Adair-Rohani H, Balmes J, Chafe Z, et al. (2014), Millions dead: How do we know and what does it mean? Methods used in the comparative risk assessment of household air pollution. Ann Rev of Public Health, 35:185-206, https://doi.org/10.1146/annurev-publhealth-032013-182356 .

121. Kathleen F. Bush, Marie S. O'Neill, Shi Li, Bhramar Mukherjee, Howard Hu, Santu Ghosh,Kalpana Balakrishnan. (2014), Associations between Extreme Precipitation and Gastrointestinal-Related Hospital Admissions in Chennai, India. Environ. Health Persp. 122(3):249-54, https://doi.org/10.1289/ehp.1306807 .

122. Balakrishnan K, Cohen A, Smith KR. (2014). (2014), Addressing the burden of disease attributable to air pollution in India: the need to integrate across household and ambient air pollution exposures. Environ Health Perspect.,122(1): A6-7, https://doi.org/10.1289/ehp.1307822 .

2013

123. Dana Loomis, Yann Grosse, Béatrice Lauby-Secretan, Fatiha El Ghissassi, Véronique Bouvard, Lamia Benbrahim-Tallaa, Neela Guha, Robert Baan, Heidi Mattock, Kurt Straif, Samet J, PHN Saldiva M Brauer, G Chen, P White, W Huang, L E Knudsen, P Moller, O Raaschou-Nielsen, U Heinrich, K Balakrishnan, F Forastiere, T Yorifuji, D H Phillips,P Vineis, J Chow, D M DeMarini, R Henderson, F Laden, D L Morgan J J Schauer (2013). (2013), The Carcinogenicity of Outdoor Air Pollution. The Lancet Oncology,14 (13):1262-1263, https://doi.org/10.1016/S1470-2045(13)70487-X .

124. Kalpana Balakrishnan, Santu Ghosh, Bhaswati Ganguli, Sankar Sambandam, Nigel Bruce, Douglas F Barnes, Kirk R Smith. (2013), State and national household concentrations of PM2.5 from solid cookfuel use: Results from measurements and modeling in India for estimation of the global burden of disease. Environmental Health,12:77, https://ehjournal.biomedcentral.com/articles/10.1186/1476-069X-12-77 .

125. Bruce N, Dherani M, Das J, Balakrishnan K, Adair-Rohani H, Bhutta Z, Pope D (2013). (2013), Control of household air pollution for child survival: estimates for intervention impacts. BMC Public Health , 13(3):S8, https://bmcpublichealth.biomedcentral.com/articles/10.1186/1471-2458-13-S3-S8

126. Clark ML, Peel JL, Balakrishnan K, Breysse PN, Chillrud SN, Naeher LP, et al. (2013), Health and household air pollution from solid fuel use: The need for improved exposure assessment. Environ Health Perspect, 121:1120-1128; http://dx.doi.org/10.1289/ehp.120642 .

127. Annenberg SC, Balakrishnan K, Jetter J, Masera O, Mehta S, Moss J, et al. (2013). Cleaner cooking solutions to achieve health, climate, and economic cobenefits. Environ Sci Techno,47:3944-3952, https://doi.org/10.1021/es304942e .

128. Epstein MB, Bates MN, Arora NK, Balakrishnan K, Jack DW, Smith KR. (2013). (2013), Household fuels, low birth weight, and neonatal death in india: The separate impacts of biomass, kerosene, and coal. Int J Hyg Environ Health, 216:523-532. http://dx.doi.org/10.1016/j.ijheh.2012.12.006 .

129. Khush RS, Arnold BF, Srikanth P, Sudharsanam S, Ramaswamy P, Durairaj N,London A.G, Ramaprabha P, Rajkumar P,Balakrishnan K, Colford J. (2013), H2s as an indicator of water supply vulnerability and health risk in low-resource settings: A prospective cohort study. The American Journal of Tropical Medicine and Hygiene, 89:251-259, https://doi.org/10.4269/ajtmh.13-0067 .

130. Roy A, Ettinger AS, Hu H, Bellinger D, Schwartz J, Modali R, Balakrishnan K. (2013), Effect modification by transferrin c2 polymorphism on lead exposure, hemoglobin levels, and iq. Neurotoxicology,38:17-22, https://doi.org/10.1016/j.neuro.2013.05.005 .

131. Smith KR, Frumkin H, Balakrishnan K, Butler CD, Chafe ZA, Fairlie I, et al. (2013). (2013), Energy and human health. Annu Rev Public Health, 34:159-188, https://doi.org/10.1146/annurev-publhealth-031912-

114404 .

2012

132. Stephen S Lim, Theo Vos, Abraham D Flaxman, Goodarz Danaei, Kenji Shibuya, Heather Adair-Rohani, Markus Amann, H Ross Anderson, Kathryn G Andrews, Martin Aryee, Charles Atkinson, Loraine J Bacchus, Adil N Bahalim, Kalpana Balakrishnan et al. (2012). (2012), A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990-2010: A systematic analysis for the global burden of disease study 2010. The Lancet,380:2224-2260, https://doi.org/10.1016/S0140-6736(12)61766

133. Mukhopadhyay R, Sambandam S, Pillarisetti A, Jack D, Mukhopadhyay K, Balakrishnan K, Vaswani M, Bates MN, Kinney PL, Arora N, & Smith, KR (2012). (2012), Cooking practices, air quality, and the acceptability of advanced cookstoves in Haryana, India: an exploratory study to inform large-scale interventions. Global Health Action; 5,https://pubmed.ncbi.nlm.nih.gov/22989509/ .

134. D. Majumdar, A. K. Mukherjee, K. Mukhopadhyay, S. Sen. (2012), Variability of BTEX in Residential Indoor Air of Kolkata Metropolitan City. Indoor Built Environ, 21; 3: 374-380, https://doi.org/10.1177/1420326X11409465 .

135. Srikanth P, Sivasubramanian S, Sudharsanam S, Thangavel G, Jagannathan K. (2012), Assessment of Aerobic Bacterial Contamination of Computer Keyboards in a Tropical Setting. Journal of Associations of Physicians of India (JAPI),60, 18-20. https://www.japi.org/oldwebsitecontent/august_2012/04_oa_assessment_of_aerobic.html

136. Kalpana Balakrishnan, Bhaswati Ganguli, Santu Ghosh, Sankar Sambandam, Sugata Sen Roy and Aditya Chatterjee. (2012). A spatially disaggregated time-series analysis of the short-term effects of particulate matter exposure on mortality in Chennai, India (2011). Air Quality, Atmosphere & Health, 7: 1-11, https://link.springer.com/article/10.1007/s11869-011-0151-6 .

2011

137. Priscilla Johnson, Kalpana Balakrishnan, Padmavathi Ramaswamy, Santu Ghosh, Muthukumar Sadhasivam, Omprakash Abirami, Bernard W.C. Sathiasekaran, Kirk R. Smith, Vijayalakshmi Thanasekaraan, Arcot S. Subhashini (2011). (2011), Prevalence of Chronic Obstructive Pulmonary Disease in rural women of Tamilnadu: implications for refining disease burden assessments attributable to household biomass combustion. Global Health Action, 4: 7226, https://doi.org/10.3402/gha.v4i0.7226 .

138. Balakrishnan K, Ramaswamy P, Sambandam S, Thangavel G, Ghosh S, Johnson P,Mukhopadhyay K, Venugopal V, Thanasekaraan V.. (2011), Air pollution from household solid fuel combustion in India: An overview of exposure and health related information to inform health research priorities. Global Health Action., 4: 5638, https://doi.org/10.3402/gha.v4i0.5638 .

139. Krishnendu Mukhopadhyay,Ayyappan Ramalingam,Ragunathan Ramani, Venkatesh Dasu,Aulselvan Sadasivam,Promod Kumar, Shyam Narayan Prasad, Sankar Sambandam, Kalpana Balakrishnan. (2011), Exposures to respirable particulates and silica in and around stone crushing units in Central India. Industrial Health, 49: 221-227. PMID: 21173527, https://doi.org/10.2486/indhealth.MS1207 .

140. Balakrishnan K, Ganguli B, Ghosh S, Sankar S, Thanasekaraan V, Rayudu VN, Caussy H. (2011). Part 1. (2011), Short-term effects of air pollution on mortality: Results from a time-series analysis in Chennai, India. In: Public Health and Air Pollution in Asia (PAPA): Coordinated Studies of Short-Term Exposure to Air Pollution and Daily Mortality in Two Indian Cities. Res Rep Health Eff Inst., Mar;(157):7-44. PMID:21648203, https://www.healtheffects.org/publication/public-health-and-air-pollution-asia-papa-coordinated-studies-short-term-exposure-air .

141. Kavitha Palaniappan,Ananya Roy, Kalpana Balakrishnan, Lakshmi Krishnan, Bhramar Mukherjee, Howard Hu and David C. Bellinger (2011). (2011), Lead exposure and visual-motor abilities in children from Chennai, India. Neurotoxicology , 32(4):465-470. https://doi.org/10.1016/j.neuro.2011.03.011 .

142. Johnson Priscilla, Ramaswamy Padmavathi, Santu Ghosh, Preetha Paul, Sitalakshmi Ramadoss, Kalpana Balakrishnan, Vijayalakshmi Thanasekaraan, AS Subhashini (2011). (2011), Evaluation of mucociliary clearance among women using biomass and clean fuel in a peri-urban area of Chennai: A preliminary study. Lung India, 28 (1):30-33, http://www.lungindia.com/article.asp?issn=0970-2113;year=2011;volume=28;issue=1;spage=30;epage=33;aulast=Priscilla;type=0 .

143. Bush KF, Luber G, Kotha SR, Dhaliwal R, Kapil V, Pascual M, Brown DG, Frumkin H, Dhiman RC,Hess J, Wilson ML, Balakrishnan K, Eisenberg J, Kaur T, Rood R, Batterman S, Joseph A, Gronlund CJ, Agrawal A,Hu H. (2011). (2011), Impacts of Climate Change on Public Health in India: Future Research Directions. Environ Health Perspect, 119:765-770, https://doi.org/10.1289/ehp.1003000 .

144. Balakrishnan K, Dhaliwal R, Shah B (2011). (2011), Integrated Urban-Rural Frameworks for Air Pollution and Health-Related Research in India: The Way Forward. Environ Health Perspect 119(1),11-13, https://doi.org/10.1289/ehp.1003273 .

145. Roy A, Hu H, Bellinger DC, Mukherjee B, Modali R, Khaja Nasaruddin, Joel Schwartz, Robert O. Wright, Adrienne S. Ettinger, Kavitha Palaniapan, Kalpana Balakrishnan. (2011), Hemoglobin, Lead Exposure, and Intelligence Quotient: Effect Modification by the Dopamine Receptor D2 Taq IA Polymorphism. Environ Health Perspect , 119(1): 144-149, https://doi.org/10.1289/ehp.0901878 .

146. P. Ramswamy, S. Sambandam, V. Thansekaraan, K. Balakrishnan. (2011), Exposure to Indoor Air Pollutants from Household Cooking and Linkages to Health. Chest, 3: 199-200.

147. Suresh Dhaniyala, Praney Dubey, Kalpana Balakrishnan. (2011), Air Quality in rural India: Role of Ultrafine Particles from cookstoves. J. of Air and Waste Management Association, 8: 14-18. https://www.researchgate.net/publication/286947299_Air_quality_in_rural_India_The_role_of_ultrafine_particles_from_cookstoves .

148. Banani Mukhopadhyay and Krishnendu Mukhopadhyay. (2011), Applications of the Carrier Free Radioisotopes of Second Transition Series Elements in the Field of Nuclear Medicine. Journal of Nuclear Medicine and Radiation Therapy, 2011,2:115, https://www.hilarispublisher.com/open-access/applications-of-the-carrier-free-radioisotopes-of-second-transition-series-elements-in-the-field-of-nuclear-medicine-2155-9619.1000115.pdf .

2010

149. Kalpana Balakrishnan, Ayyappan Ramalingam, Venkatesan Dasu, Jeremiah Chinnadurai Stephen, Mohan Raj Sivaperumal, Deepan Kumarasamy, Krishnendu Mukhopadhyay, Santu Ghosh and Sankar Sambandam. (2010), Case studies on heat stress related perceptions in different industrial sectors in Southern India. Global Health Action. ,3: 5635, https://doi.org/10.3402/gha.v3i0.5635 .

150. Benjamin F. Arnold, Ranjiv S. Khush, Padmavathi Ramaswamy, Alicia G. London, Paramasivan Rajkumar, Prabhakar Ramaprabha, Natesan Durairaj, Alan E. Hubbard, Kalpana Balakrishnan, and John M. Colford, Jr. (2010), Causal inference methods to study nonrandomized, preexisting development interventions. Proc. Natl. Acad. Sci., 107 (52) 22605-22610; https://doi.org/10.1073/pnas.1008944107 .

2009

151. Ananya Roy, Howard Hu, David C. Bellinger, Kavitha Palaniapan, Robert O. Wright, Joel Schwartz, Kalpana Balakrishnan. (2009), Predictors of Blood Lead in Children in Chennai, India. Int. J. Occup. Env. Health. , 15 (4) : 351-359. https://doi.org/10.1179/oeh.2009.15.4.351.

152. Ananya Roy, David Bellinger, Howard Hu, Joel Schwartz, Adrienne S. Ettinger, Robert O. Wright, Maryse Bouchard, Kavitha Palaniappan, Kalpana Balakrishnan. (2009), Lead Exposure and Behavior among Young Children in Chennai, India. Environ. Health Persp. 10: 1607-1611,

https://doi.org/10.1289/ehp.0900625 .

153. Ramalingam, A.; Sambandam, S.; Paramasivan, R.; Balakrishnan, K. (2009), Work-related heat stress concerns in automotive industries: a case study from Chennai, India. Global Health Action, North America, https://doi.org/10.3402/gha.v2i0.2060 .

154. Gottesfeld, P; Nicas, M; Kephart, JW; Balakrishnan, K; Rinehart, R. (2009), Reduction of respirable silica following the introduction of water spray applications in Indian stone crusher mills. Int. J. Occup. Environ. Health, 14 (2): 94-103, https://ascelibrary.org/doi/10.1061/%28ASCE%290733-9372%282006%29132%3A3%28405%29

2006

155. Sivacoumar, R; Jayabalou, R; Swarnalatha, S; Balakrishnan, K. (2006), Particulate matter from stone crushing industry: Size distribution and health effects. J. Env. Eng., 132 (3): 405-414, https://ascelibrary.org/doi/10.1061/%28ASCE%290733-9372%282006%29132%3A3%28405%29

156. Straif K., Baan R., Grosse Y., Secretan B., Ghissassi F.E., Cogliano V., Smith K., Chen G., White P., Gao Y.-T., Yu I.T., Sinton J., Balakrishnan K., Romieu I., Chapman R.S., Bruce N., Barnes D., Bond J., DeMarini D., Lan Q., Lewtas J., Reed M.D., Wallace L., Wu A., Zhang J. (2006), Carcinogenicity of household solid fuel combustion and of high-temperature frying (2006). The Lancet Oncology., 7(12):977-978.

2005

157. Jin, YL; Zhou, Z; He, GL; Wei, HZ; Liu, J; Liu, F; Tang, N; Ying, B; Liu, YC; Hu, GH; Wang, HW; Balakrishnan, K; Watson, K; Baris, E; Ezzati, M. (2005), Geographical, spatial, and temporal distributions of multiple indoor air pollutants in four Chinese provinces. Env.Sci. Technol., 39 (24): 9431-9439, https://doi.org/10.1016/S1470-2045(06)70969-X .

158. Hu, H; Balakrishnan, K. (2005), The environment & health: an emerging area of research in India. Ind. J. Med. Res., 121 (6): 711-715, https://www.researchgate.net/publication/7707106_The_environment_health_An_emerging_area_of_research_in_India

159. Bellinger, DC; Hu, H; Kalaniti, K; Thomas, N; Rajan, P; Sambandam, S; Ramaswamy, P; Balakrishnan, K. (2005), A pilot study of blood lead levels and neurobehavioral function in children living in Chennai, India. Int. J. Occup. Env. Health, 11 (2): 138-143, https://doi.org/10.1179/oeh.2005.11.2.138 .

160. He, GL; Ying, B; Liu, J; Gao, SR; Shen, S; Balakrishnan, K; Jin, YL; Liu, F; Tang, N; Shi, K; Baris, E; Ezzati, M. (2005), Patterns of household concentrations of multiple indoor air pollutants in China. Env. Sci. Technol., 39 (4): 991-998, https://doi.org/10.1021/es049731f .

2004

161. Balakrishnan, K; Sambandam, S; Ramaswamy, P; Mehta, S; Smith, KR. (2004), Exposure assessment for respirable particulates associated with household fuel use in rural districts of Andhra Pradesh, India. J. Expo. Anal. Env. Epidemology,14: S14-S25 Suppl. 1. https://www.nature.com/articles/7500354 .

2003

162. Suk, WA; Ruchirawat, KM; Balakrishnan, K; Berger, M; Carpenter, D; Damstra, T; de Garbino, JP; Koh, D; Landrigan, PJ; Makalinao, I; Sly, PD; Xu, Y; Zheng, BS. (2003), Environmental threats to children's health in Southeast Asia and the Western Pacific. Env. Health Perspect. 111 (10): 1340-1347. https://doi.org/10.1289/ehp.6059 .

163. Balakrishnan, K; Parikh, J; Sankar, S; Padmavathi, R; Srividya, K; Venugopal, V; Prasad, S; Pandey. (2003), VL Daily average exposures to respirable particulate matter from combustion of biomass fuels in rural households of southern India. Envrion. Health Perspect, 10 (11): 1069-1075, https://doi.org/10.1289/ehp.021101069 .

164. K Balakrishnan, S Mehta, S Kumar, P Kumar. (2003), Exposure to Indoor air pollution: Evidence from Andhra Pradesh, India (2003). World Health Organisation Regional Health Forum, 7; 1: 56-59. https://www.researchgate.net/publication/285730284_Exposure_to_indoor_air_pollution_Evidence_from_Andhra_Pradesh_India

2002

165. Balakrishnan K, Sankar S, Padmavathi R, Mehta S, Smith KR. (2002), Respirable particulate levels in rural households of Andhra Pradesh, India - daily concentrations and exposures (2002). J. Environ. Studies and Policy, 5 (2): 87-97. http://www.indiaenvironmentportal.org.in/content/255811/respirable-particulate-levels-in-rural-households-of-andhra-pradesh-india-daily-concentrations-and-exposures/

166. S. Sankar, R.Padmavathi, K.Balakrishnan, V.Thanasekharaan. (2002), Exposures to respirable particulate matter from bio-fuel combustion and pulmonary function in women of rural households in Southern India. A preliminary report. Biomedicine. ,22:31-37, https://www.researchgate.net/publication/290328495_Exposures_to_respirable_particulate_matter_from_bio-fuel_combustion_and_pulmonary_function_in_women_of_rural_households_in_southern_India_A_preliminary_report .

2001

167. Padmavathi R, Balakrishnan K, Shankar S., Srividya K, Vidya R, Swarna P. (2001), Pulmonary Functions of rural South Indian Women. Biomedicine, 21(1) :23-28. https://www.researchgate.net/publication/289308620_Pulmonary_functions_of_normal_south_indian_rural_women

168. Parikh, J; Balakrishnan, K; Laxmi, V; Biswas, H. (2001), Exposure from cooking with biofuels: pollution monitoring and analysis for rural Tamil Nadu, India. Energy ,26 (10): 949-962, https://doi.org/10.1016/S0360-5442(01)00043-3 .

1991

169. Balakrishnan, K, Padgett, J, Cone, R. A. (1991), Calcium Flux in Rod Outer Segment Membranes: Modulation by sulfhydryl reagents. Investigative Ophthalma.Vis.Sci., 31/4:176.

1990

170. Balakrishnan, K, Padgett, J, Cone, R. A. (1990), Calcium Flux in Rod Outer Segment Membranes: NEM potentiates the effects of cGMP. Biophysical Journal., 57:371.

1998

171. Harris, A.L, Park, J, Balakrishnan, K, Bevans, C, Rhee, S, Paul, D. (1988), Reconstitution of Connexin 32 from gap junctions into vesicles correlates with sucrose permeability. Biophysical Journal, 53:507.

172. Balakrishnan, K, Padgett, J, Cone, R. A. (1988), Calcium Flux in Rod Outer Segment Membranes: Differential effects of sulfhydryl reagent on cGMP mediated flux. Biophysical Journal, 53: 512, 1988.