



## Literaturliste Task Force Planetare Gesundheit

### Deutschsprachig aus Mainz:

- Münzel T, Daiber A, Hahad O (2024) Luftverschmutzung und Lärm, Einfluss auf bzw. Ursache bei Herzerkrankungen. *Kardiologie* 18, 127-134.  
<https://link.springer.com/article/10.1007/s12181-023-00657-6>
- Münzel, T., Daiber, A., & Hahad, O. (2024). Luftverschmutzung, Lärm und Hypertonie: Komplizen im Verbrechen [Air pollution, noise and hypertension : Partners in crime]. *Herz*, 49(2), 124–133. <https://doi.org/10.1007/s00059-024-05234-5>
- Hahad O, Schmitt VH, Keller K, Hobohm L, Daiber A, Münzel T (2023) Schwermetalle als Risiko für kardiovaskuläre Gesundheit. *Dtsch Arztebl.* 120, SUPPLEMENT: Perspektiven der Kardiologie [20]; DOI: 10.3238/PersKardio.2023.05.05.04  
<https://www.aerzteblatt.de/archiv/230911/Kardiale-Noxe-Blei-Schwermetalle-als-Risiko-fuer-kardiovaskulaere-Gesundheit>
- Hahad, O., Beutel, M., Michal, M., Schulz, A., Pfeiffer, N., Gianicolo, E., Lackner, K., Wild, P., Daiber, A., & Münzel, T. (2022). Lärmbelastigung in der deutschen Allgemeinbevölkerung : Prävalenz und Determinanten in der Gutenberg-Gesundheitsstudie [Noise annoyance in the German general population : Prevalence and determinants in the Gutenberg Health Study]. *Herz*, 47(3), 265–279. <https://doi.org/10.1007/s00059-021-05060-z>
- Hahad O (2022) Dauerhafte Lärmexposition: Messbare Einflüsse auf das kardiovaskuläre System *Dtsch Arztebl* 2022; 119(37): [22]; DOI: 10.3238/PersKardio.2022.09.16.04  
<https://www.aerzteblatt.de/archiv/227321/Dauerhafte-Laermexposition-Messbare-Einfluesse-auf-das-kardiovaskulaere-System>
- Münzel, T., Hahad, O., Daiber, A., & Lelieveld, J. (2021). Luftverschmutzung und Herz-Kreislauf-Erkrankungen [Air pollution and cardiovascular diseases]. *Herz*, 46(2), 120–128.  
<https://doi.org/10.1007/s00059-020-05016-9>
- Daiber A, Kuntic M, Lelieveld J, Hahad O, Münzel T (2021) Das Exposom charakterisiert die Auswirkungen unserer Umwelt auf Stoffwechsel und Gesundheit. *Aktuelle Kardiologie* 10, 502. <https://www.thieme-connect.de/products/ejournals/pdf/10.1055/a-1546-7401.pdf>
- Lelieveld J, Hahad O, Daiber A, Münzel T (2021) Luftverschmutzung und Herz-Kreislauf-Erkrankungen. *Aktuelle Kardiologie* 10, 510. <https://www.thieme-connect.de/products/ejournals/pdf/10.1055/a-1546-7355.pdf>
- Hahad O, Rössli M, Daiber A, Münzel T (2021) Lärm und Herz-Kreislauf-Erkrankungen. *Aktuelle Kardiologie* 10, 516. <https://www.thieme-connect.de/products/ejournals/pdf/10.1055/a-1527-3145.pdf>

- Hahad O, Rösli M, Daiber A, Münzel T (2021) Nachtlärminduzierte Schlafstörungen und Herz-Kreislauf-Risiko. *Aktuelle Kardiologie* 10, 521. <https://www.thieme-connect.de/products/ejournals/pdf/10.1055/a-1545-0604.pdf>
- Rösli M, Hahad O, Dongus S, Loizeau N, Daiber A, Münzel T, Eeftens M (2021) Gesundheitsrisiko Mobilfunkstrahlung? Was ändert sich mit 5G? *Aktuelle Kardiologie* 10, 531. <https://www.thieme-connect.de/products/ejournals/pdf/10.1055/a-1545-0875.pdf>
- Münzel T, Hahad O, Daiber A (2021) Herzgesunde Städte – die Gene laden das Gewehr, die Umwelt zieht den Abzug. *Aktuelle Kardiologie* 10, 543. <https://www.thieme-connect.de/products/ejournals/pdf/10.1055/a-1546-7383.pdf>
- Hahad, O., Beutel, M. E., Gilan, D. A., Michal, M., Daiber, A., & Münzel, T. (2020). Auswirkungen von Umweltrisikofaktoren wie Lärm und Luftverschmutzung auf die psychische Gesundheit: Was wissen wir? [Impact of environmental risk factors such as noise and air pollution on mental health: What do we know?]. *Deutsche medizinische Wochenschrift (1946)*, 145(23), 1701–1707. <https://doi.org/10.1055/a-1201-2155>
- Hahad O, Kröller-Schön S, Daiber A, Münzel T (2019) Auswirkungen von Lärm auf das Herz-Kreislauf-System – The cardiovascular effects of noise. *Dtsch Arztebl Int* 116, 245-50. <https://www.aerzteblatt.de/archiv/206499/Auswirkungen-von-Laerm-auf-das-Herz-Kreislauf-System>
- Münzel T, Daiber A, Hahad O (2019) Lärm und Luftverschmutzung: die neuen Herz-Kreislauf-Risikofaktoren. *Internistische Praxis* 60, 721-734. <https://doi.org/10.1007/s12181-023-00657-6>

#### Englischsprachig aus Mainz:

- Hahad, O., Lelieveld, J., Al-Kindi, S., Schmitt, V. H., Hobohm, L., Keller, K., Rösli, M., Kuntic, M., & Daiber, A. (2024). Burden of disease in Germany attributed to ambient particulate matter pollution : Findings from the Global Burden of Disease Study 2019. Krankheitslast in Deutschland durch Feinstaubbelastung : Ergebnisse der GBD(Global Burden of Disease)-Studie 2019. *Herz*, 10.1007/s00059-024-05269-8. Advance online publication. <https://doi.org/10.1007/s00059-024-05269-8>
- Münzel, T., Hahad, O., Lelieveld, J., Aschner, M., Nieuwenhuijsen, M. J., Landrigan, P. J., & Daiber, A. (2024). Soil and water pollution and cardiovascular disease. *Nature reviews. Cardiology*, 10.1038/s41569-024-01068-0. Advance online publication. <https://doi.org/10.1038/s41569-024-01068-0>
- Münzel, T., Molitor, M., Kuntic, M., Hahad, O., Rösli, M., Engelmann, N., Basner, M., Daiber, A., & Sørensen, M. (2024). Transportation Noise Pollution and Cardiovascular Health. *Circulation research*, 134(9), 1113–1135. <https://doi.org/10.1161/CIRCRESAHA.123.323584>

- Sørensen, M., Pershagen, G., Thacher, J. D., Lanki, T., Wicki, B., Rösli, M., Vienneau, D., Cantuaria, M. L., Schmidt, J. H., Aasvang, G. M., Al-Kindi, S., Osborne, M. T., Wenzel, P., Sastre, J., Fleming, I., Schulz, R., Hahad, O., Kuntic, M., Zielonka, J., Sies, H., ... Daiber, A. (2024). Health position paper and redox perspectives - Disease burden by transportation noise. *Redox biology*, 69, 102995. <https://doi.org/10.1016/j.redox.2023.102995>
- Münzel, T., Sørensen, M., Hahad, O., Nieuwenhuijsen, M., & Daiber, A. (2023). The contribution of the exposome to the burden of cardiovascular disease. *Nature reviews. Cardiology*, 20(10), 651–669. <https://doi.org/10.1038/s41569-023-00873-3>
- Lelieveld, J., Haines, A., Burnett, R., Tonne, C., Klingmüller, K., Münzel, T., & Pozzer, A. (2023). Air pollution deaths attributable to fossil fuels: observational and modelling study. *BMJ (Clinical research ed.)*, 383, e077784. <https://doi.org/10.1136/bmj-2023-077784>
- Münzel, T., Sørensen, M., & Daiber, A. (2021). Transportation noise pollution and cardiovascular disease. *Nature reviews. Cardiology*, 18(9), 619–636. <https://doi.org/10.1038/s41569-021-00532-5>
- Münzel, T., Sørensen, M., Lelieveld, J., Hahad, O., Al-Kindi, S., Nieuwenhuijsen, M., Giles-Corti, B., Daiber, A., & Rajagopalan, S. (2021). Heart healthy cities: genetics loads the gun but the environment pulls the trigger. *European heart journal*, 42(25), 2422–2438. <https://doi.org/10.1093/eurheartj/ehab235>
- Lelieveld, J., Pozzer, A., Pöschl, U., Fnais, M., Haines, A., & Münzel, T. (2020). Loss of life expectancy from air pollution compared to other risk factors: a worldwide perspective. *Cardiovascular research*, 116(11), 1910–1917. <https://doi.org/10.1093/cvr/cvaa025>
- Lelieveld, J., Klingmüller, K., Pozzer, A., Pöschl, U., Fnais, M., Daiber, A., & Münzel, T. (2019). Cardiovascular disease burden from ambient air pollution in Europe reassessed using novel hazard ratio functions. *European heart journal*, 40(20), 1590–1596. <https://doi.org/10.1093/eurheartj/ehz135>
- Münzel, T., Gori, T., Al-Kindi, S., Deanfield, J., Lelieveld, J., Daiber, A., & Rajagopalan, S. (2018). Effects of gaseous and solid constituents of air pollution on endothelial function. *European heart journal*, 39(38), 3543–3550. <https://doi.org/10.1093/eurheartj/ehy481>

Deutschsprachig von Helmholtz Munich:

- Huber, V., Breitner-Busch, S., He, C., Matthies-Wiesler, F., Peters, A., Schneider, A.: Hitzeassoziierte Mortalität im Extremsommer 2022. Eine Analyse auf Basis täglicher Daten. Deutsches Ärzteblatt International 121, 79-85 (2024)  
[Hitzeassoziierte Mortalität im Extremsommer 2022](#)
- Lechner, K., Breitner-Busch, S., Matthies-Wiesler, F., Schneider, A.: Hitze und kardiovaskuläres Risiko. Eine Perspektive über Mechanismen und Präventionsmöglichkeiten. Die Kardiologie 18, 120-126 (2024)  
[Hitzebelastung | Hitze und kardiovaskuläres Risiko | springermedizin.de](#)
- Matthies-Wiesler, F., Nidens, N., Karrasch, S., Schneider, A.: Auswirkungen von hohen Außentemperaturen und Hitzewellen auf Lungenerkrankungen. Zeitschrift für Pneumologie 20, 133-143 (2023)  
[Auswirkungen von hohen Außentemperaturen und Hitzewellen auf Lungenerkrankungen | Zeitschrift für Pneumologie](#)
- Nidens, N., Huber, V., Matthies-Wiesler, F., Schneider, A.: Klimawandel ganz nah: Hitzewellen. Auswirkungen und Vorbeugung. Die Nephrologie, 1-8 (2023)  
<https://doi.org/10.1007/s11560-023-00659-1>
- Peters, A., Herr, C., Bolte, G., Heutelbeck, A., Hornberg, C., Kraus, T., Lakes, T., Matzarakis, A., Novak, D., Reifegerste, D., Traidl-Hoffmann, C., Zeeb, H., Schneider, A., Hoffmann, B.: Gesundheitsschutz und Klimawandel erfordern ambitionierte Grenzwerte für Luftschadstoffe in Europa. Bundesgesundheitsblatt 66, 1030-1034 (2023)  
[Gesundheitsschutz und Klimawandel erfordern ambitionierte Grenzwerte für Luftschadstoffe in Europa | Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz](#)
- Schneider, A., Nidens, N., Hübner, A., Matthies-Wiesler, F., Habermann-Horstmeier, L.: Das Krankenhaus im Klimawandel. Risiken und Potenziale in Bezug auf Klimaschutz, Hitzeresilienz und Gesundheit. ASU Arbeitsmed Sozialmed Umweltmed 58, 496-501 (2023)  
[Klimawandel und Krankenhaus - Das Krankenhaus im Klimawandel](#)
- Pickford, R., Kraus, U., Frank, U., Breitner, S., Markevych, I., Schneider, A.: Kombinierte Effekte verschiedener Umweltfaktoren auf die Gesundheit: Luftschadstoffe, Temperatur, Grünflächen, Pollen und Lärm. Bundesgesundheitsblatt 63, 962-971 (2020)  
[Kombinierte Effekte verschiedener Umweltfaktoren auf die Gesundheit: Luftschadstoffe, Temperatur, Grünflächen, Pollen und Lärm | Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz](#)
- Chen, K., Breitner, S., Wolf, K., Rai, M., Meisinger, C., Heier, M., Kuch, B., Peters, A., Schneider, A. für die KORA-Forschungsgruppe: Zukünftige Häufigkeit temperaturbedingter Herzinfarkte in der Region Augsburg. Deutsches Ärzteblatt 116(31-32), 521-527 (2019)  
[Projection of Temperature-Related Myocardial Infarction in Augsburg, Germany \(05.08.2019\)](#)

- <https://www.wido.de/publikationen-produkte/buchreihen/versorgungs-report/klima-und-gesundheit/>

#### Englischsprachig von Helmholtz Munich

- He, C., Breitner, S., Zhang, S., Huber, V., Naumann, M., Traidl-Hoffmann, C., Hammel, G., Peters, A., Ertl, M., Schneider, A.: Nocturnal heat exposure and stroke risk. *Eur Heart J* 45, 2158-2166 (2024)  
[Nocturnal heat exposure and stroke risk | European Heart Journal | Oxford Academic](#)
- He, C., Breitner-Busch, S., Huber, V., Chen, K., Zhang, S., Gasparrini, A., Bell, M., Kan, H., Royé, D., Armstrong, B., Schwartz, J., Sera, F., Vicedo-Cabrera, A.M., Honda, Y., Jaakkola, J.J.K., Ryti, N., Kyselý, J., Guo, Y., Tong, S., de'Donato, F., ..., Schneider, A.: Rainfall events and daily mortality across 645 global locations: two stage time series analysis. *BMJ* 387:e080944, 1-13 (2024)  
[Rainfall events and daily mortality across 645 global locations: two stage time series analysis | The BMJ](#)
- Singh, N., Areal, A.T., Breitner, S., Zhang, S., Agewall, S., Schikowski, T., Schneider, A.: Heat and Cardiovascular Mortality: An Epidemiological Perspective. *Circ Res* 134(9):1098-1112 (2024)  
[Heat and Cardiovascular Mortality: An Epidemiological Perspective | Circulation Research](#)
- Rai, M., Breitner, S., Huber, V., Zhang, S., Peters, A., Schneider, A.: Temporal Variation in the Association between Temperature and Cause-Specific Mortality in 15 German cities. *Environ Res* 229:115668 (2023)  
[Temporal variation in the association between temperature and cause-specific mortality in 15 German cities - ScienceDirect](#)
- Rai, M., Stafoggia, M., de'Donato, F., Scortichini, M., Zafeiratou, S., Vazquez Fernandez, L., Zhang, S., Katsouyanni, K., Samoli, E., Rao, S., Lavigne, E., Guo, Y., Kan, H., Osorio, S., ..., Schneider, A., Breitner, S.: Heat-related cardiorespiratory mortality: Effect modification by air pollution across 482 cities from 24 countries. *Environ Int* 174, 107825 (2023)  
[Heat-related cardiorespiratory mortality: Effect modification by air pollution across 482 cities from 24 countries - PubMed](#)
- Schneider, A., Atar, D., Agewall, S.: Response: Climate Change and Health. *JACC* 81(11), 1130-1132 (2023)  
[RESPONSE: Climate Change and Health: Challenges, Opportunities, and the Need for Action | Journal of the American College of Cardiology](#)
- Chen, K., Dubrow, R., Breitner, S., Wolf, K., Linseisen, J., Schmitz, T., Heier, M., von Scheidt, W., Kuch, B., Meisinger, C., Peters, A., KORA Study Group, Schneider, A.: Triggering of myocardial infarction by heat exposure is modified by medication intake. *Nat Cardiovasc Res* 1, 727-731 (2022) (Research Letter)

Triggering of myocardial infarction by heat exposure is modified by medication intake | Nature Cardiovascular Research

- Peters, A., Schneider, A.: Cardiovascular Risks of Climate Change. Nat Rev Cardiology 18, 1-2 (2021)  
Cardiovascular risks of climate change | Nature Reviews Cardiology
- Zafeiratou, S., Samoli, E., Dimakopoulou, K., Rodopoulou, S., Analitis, A., Gasparrini, A., Stafoggia, M., de'Donato, F., Rao, S., Monteiro, A., Rai, M., Zhang, S., Breitner, S., Aunan, K., Schneider, A., Katsouyanni, K.: A systematic review on total mortality and cardiopulmonary health effects following long-term exposure to increased or decreased ambient temperature. Science of the total Environment 772, 145383 (2021)  
A systematic review on the association between total and cardiopulmonary mortality/morbidity or cardiovascular risk factors with long-term exposure to increased or decreased ambient temperature - PubMed
- Zhang, S., Rai, M., Breitner, S., Aunan, K., Schneider, A.: Climate change and the projected burden of future health impacts - The Project EXHAUSTION. Public Health Forum 28(1), 17-20 (2020)  
Climate change and the projected burden of future health impacts – The Project EXHAUSTION
- Chen, K., Breitner, S., Wolf, K., Hampel, R., Meisinger, C., Heier, M., von Scheidt, W., Kuch, B., Peters, A., Schneider, A., the KORA Study Group: Temporal Variations in the Triggering of Myocardial Infarction by Air Temperature in Augsburg, Germany, 1987-2014. Eur Heart J 40, 1600-1608 (2019)  
Temporal variations in the triggering of myocardial infarction by air temperature in Augsburg, Germany, 1987–2014 | European Heart Journal | Oxford Academic
- Schneider, A., Ruckerl, R., Breitner, S., Wolf, K., Peters, A.: Thermal Control, Weather and Aging. Current Environ Health Reports 4, 21-29 (2017)  
Thermal Control, Weather, and Aging | Current Environmental Health Reports
- Schneider, A., Breitner, S.: Temperature effects on health - current findings and future implications (Commentary). EBioMedicine 6, 29-30 (2016)  
Temperature effects on health - current findings and future implications - PubMed
- Ruckerl, R., Schneider, A., Breitner, S., Cyrus, J., Peters, A.: Health effects of particulate air pollution: A review of epidemiological evidence. Inhalation Toxicology 23(10), 555-592 (2011)  
Health effects of particulate air pollution: A review of epidemiological evidence - PubMed
- <https://www.exhaustion.eu/resources/exhaustion-white-paper>

## Andere Schlüsselpublikationen

- Marfella, R., Prattichizzo, F., Sardu, C., Fulgenzi, G., Graciotti, L., Spadoni, T., D'Onofrio, N., Scisciola, L., La Grotta, R., Frigé, C., Pellegrini, V., Municinò, M., Siniscalchi, M., Spinetti, F., Vigliotti, G., Vecchione, C., Carrizzo, A., Accarino, G., Squillante, A., Spaziano, G., ... Paolisso, G. (2024). Microplastics and Nanoplastics in Atheromas and Cardiovascular Events. *The New England journal of medicine*, 390(10), 900–910. <https://doi.org/10.1056/NEJMoa2309822>
- GBD 2021 Risk Factors Collaborators (2024). Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet (London, England)*, 403(10440), 2162–2203. [https://doi.org/10.1016/S0140-6736\(24\)00933-4](https://doi.org/10.1016/S0140-6736(24)00933-4)
- Fuller, R., Landrigan, P. J., Balakrishnan, K., Bathan, G., Bose-O'Reilly, S., Brauer, M., Caravanos, J., Chiles, T., Cohen, A., Corra, L., Cropper, M., Ferraro, G., Hanna, J., Hanrahan, D., Hu, H., Hunter, D., Janata, G., Kupka, R., Lanphear, B., Lichtveld, M., ... Yan, C. (2022). Pollution and health: a progress update. *The Lancet. Planetary health*, 6(6), e535–e547. [https://doi.org/10.1016/S2542-5196\(22\)00090-0](https://doi.org/10.1016/S2542-5196(22)00090-0)
- Rajagopalan, S., & Landrigan, P. J. (2021). Pollution and the Heart. *The New England journal of medicine*, 385(20), 1881–1892. <https://doi.org/10.1056/NEJMra2030281>
- Rajagopalan, S., Brauer, M., Bhatnagar, A., Bhatt, D. L., Brook, J. R., Huang, W., Münzel, T., Newby, D., Siegel, J., Brook, R. D., & American Heart Association Council on Lifestyle and Cardiometabolic Health; Council on Arteriosclerosis, Thrombosis and Vascular Biology; Council on Clinical Cardiology; Council on Cardiovascular and Stroke Nursing; and Stroke Council (2020). Personal-Level Protective Actions Against Particulate Matter Air Pollution Exposure: A Scientific Statement From the American Heart Association. *Circulation*, 142(23), e411–e431. <https://doi.org/10.1161/CIR.0000000000000931>
- Kaufman, J. D., Elkind, M. S. V., Bhatnagar, A., Koehler, K., Balmes, J. R., Sidney, S., Burroughs Peña, M. S., Dockery, D. W., Hou, L., Brook, R. D., Laden, F., Rajagopalan, S., Bishop Kendrick, K., Turner, J. R., & American Heart Association Advocacy Coordinating Committee (2020). Guidance to Reduce the Cardiovascular Burden of Ambient Air Pollutants: A Policy Statement From the American Heart Association. *Circulation*, 142(23), e432–e447. <https://doi.org/10.1161/CIR.0000000000000930>
- GBD 2019 Risk Factors Collaborators (2020). Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet (London, England)*, 396(10258), 1223–1249. [https://doi.org/10.1016/S0140-6736\(20\)30752-2](https://doi.org/10.1016/S0140-6736(20)30752-2)
- Landrigan, P. J., Fuller, R., Acosta, N. J. R., Adeyi, O., Arnold, R., Basu, N. N., Baldé, A. B., Bertollini, R., Bose-O'Reilly, S., Boufford, J. I., Breyse, P. N., Chiles, T., Mahidol, C., Coll-Seck, A. M., Cropper, M. L., Fobil, J., Fuster, V., Greenstone, M., Haines, A., Hanrahan, D., ... Zhong, M. (2018). The Lancet Commission on pollution and

- health. *Lancet (London, England)*, 391(10119), 462–512. [https://doi.org/10.1016/S0140-6736\(17\)32345-0](https://doi.org/10.1016/S0140-6736(17)32345-0)
- van Daalen, K.R., Tonne, C., Semenza, J.C., Rocklöv, J., Markandya, A., Dasandi, N., Jankin, S., Achebak, H., Ballester, J., Bechara, H., Beck, T.M., Callaghan, M.W., Carvalho, B.M., Chambers, J., Pradas, M.C., Courtenay, O., Dasgupta, S., Eckelman, M.J., Farooq, Z., Fransson, P., ..., Lowe, R.: The 2024 Europe report of the Lancet Countdown on health and climate change: unprecedented warming demands unprecedented action. *Lancet Public Health* 9(7):e495-e522 (2024)  
[The 2024 Europe report of the Lancet Countdown on health and climate change: unprecedented warming demands unprecedented action - ScienceDirect](#)
  - Ballester, J., Quijal-Zamorano, M., Méndez Turrubiates, R.F., Pegenaute, F., Herrmann, F.R., Robine, J.M., Basagaña, X., Tonne, C., Antó, J.M., Achebak, H.: Heat-related mortality in Europe during the summer of 2022. *Nat Med* 29(7):1857-1866 (2023).  
[Heat-related mortality in Europe during the summer of 2022 | Nature Medicine](#)
  - Romanello, M., Di Napoli, C., Drummond, P., Green, C., Kennard, H., Lampard, P., Scamman, D., Arnell, N., Ayeb-Karlsson, S., Ford, L.B., Belesova, K., Bowen, K., Cai, W., Callaghan, M., Campbell-Lendrum, D., Chambers, J., van Daalen, K.R., Dalin, C., Dasandi, N., Dasgupta, S., Davies, M., Dominguez-Salas, P., Dubrow, R., Ebi, K.L., Eckelman, M., Ekins, P., ..., Costello, A.: The 2022 report of the Lancet Countdown on health and climate change: health at the mercy of fossil fuels. *Lancet* 400(10363):1619-1654 (2022)  
[The 2022 report of the Lancet Countdown on health and climate change: health at the mercy of fossil fuels - ScienceDirect](#)
  - Vicedo-Cabrera, A.M., Scovronick, N., Sera, F., Doyé, D., Schneider, R., Tobias, A., Astrom, C., Guo, Y., Honda, Y., Hondula, D.M., Abrutzky, R., Tong, S., de Sousa Zanotti Stagliorio Coelho, M., Nascimento Saldiva, P.H., Lavigne, E., ..., Schneider, A., ..., Gasparrini, A.: The burden of heat-related mortality attributable to recent human-induced climate change. *Nature Climate Change* 11, 492-500 (2021)  
[The burden of heat-related mortality attributable to recent human-induced climate change | Nature Climate Change](#)
  - Watts, N., Amann, M., Arnell, N., Ayeb-Karlsson, S., Beagley, J., Belesova, K., Boykoff, M., Byass, P., Cai, W., Campbell-Lendrum, D., Capstick, S., Chambers, J., Coleman, S., Dalin, C., Daly, M., Dasandi, N., Dasgupta, S., Davies, M., Di Napoli, C., Dominguez-Salas, P., Drummond, P., Dubrow, R., Ebi, K.L., Eckelman, M., Ekins, P., Escobar, L.E., Georgeson, L., ..., Montgomery, H., Costello, A.: The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. *Lancet* 397(10269):129-170 (2021).  
[The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises - ScienceDirect](#)
  - Anenberg, S.C., Haines, S., Wang, E., Nassikas, N., Kinney, P.L.: Synergistic health effects of air pollution, temperature, and pollen exposure: a systematic review of epidemiological evidence. *Environ Health* 19(1):130 (2020).  
[Synergistic health effects of air pollution, temperature, and pollen exposure: a systematic review of epidemiological evidence | Environmental Health | Full Text](#)



- Gasparrini, A., Guo, Y., Sera, F., Vicedo-Cabrera, A.M., Huber, V., Tong, S., de Sousa Zanotti Stagliorio Coelho, M., Nascimento Saldiva, P.H., Lavigne, E., Matus Correa, P., Valdes Ortega, N., Kan, H., Osorio, S., Kyselý, J., Urban, A., Jaakkola, J.J.K., Ryti, N.R.I., Pascal, M., Goodman, P.G., Zeka, A., Michelozzi, P., Scortichini, M., Hashizume, M., Honda, Y., ..., Armstrong, B.: Projections of temperature-related excess mortality under climate change scenarios. *Lancet Planet Health* 1(9):e360-e367 (2017).  
[Projections of temperature-related excess mortality under climate change scenarios - ScienceDirect](#)
- Bunker, A., Wildenhain, J., Vandenbergh, A., Henschke, N., Rocklöv, J., Hajat, S., Sauerborn, R.: Effects of Air Temperature on Climate-Sensitive Mortality and Morbidity Outcomes in the Elderly; a Systematic Review and Meta-analysis of Epidemiological Evidence. *EBioMedicine* 6:258-268 (2016).  
[Effects of Air Temperature on Climate-Sensitive Mortality and Morbidity Outcomes in the Elderly; a Systematic Review and Meta-analysis of Epidemiological Evidence - ScienceDirect](#)
- Gasparrini, A., Guo, Y., Hashizume, M., Kinney, P.L., Petkova, E.P., Lavigne, E., Zanobetti, A., Schwartz, J.D., Tobias, A., Leone, M., Tong, S., Honda, Y., Kim, H., Armstrong, B.G.: Temporal Variation in Heat-Mortality Associations: A Multicountry Study. *Environ Health Perspect* (11):1200-7 (2025).  
[Temporal Variation in Heat–Mortality Associations: A Multicountry Study | Environmental Health Perspectives | Vol. 123, No. 11](#)
- Gasparrini, A., Guo, Y., Hashizume, M., Lavigne, E., Zanobetti, A., Schwartz, J., Tobias, A., Tong, S., Rocklöv, J., Forsberg, B., Leone, M., De Sario, M., Bell, M.L., Guo, Y.L., Wu, C.F., Kan, H., Yi, S.M., de Sousa Zanotti Stagliorio Coelho, M., Saldiva, P.H., Honda, Y., Kim, H., Armstrong, B.: Mortality risk attributable to high and low ambient temperature: a multicountry observational study. *Lancet* 386(9991):369-75 (2015)  
[Mortality risk attributable to high and low ambient temperature: a multicountry observational study - ScienceDirect](#)