

## FULL LIST OF VERDI PUBLICATIONS As of 31 October 2023

### 2022

1. Kremer, C., Braeye, T., Proesmans, K., André, E., Torneri, A., & Hens, N. (2022). **Serial Intervals for SARS-CoV-2 Omicron and Delta Variants, Belgium, November 19-December 31, 2021.** *Emerging infectious diseases*, 28(8), 1699–1702. <https://doi.org/10.3201/eid2808.220220>
2. Colosi, E., Bassignana, G., Barrat, A., & Colizza, V. (2022). **Modelling COVID-19 in school settings to evaluate prevention and control protocols.** *Anaesthesia, critical care & pain medicine*, 41(2), 101047. <https://doi.org/10.1016/j.accpm.2022.101047>
3. Hussey, H., Davies, M. A., Heekes, A., Williamson, C., Valley-Omar, Z., Hardie, D., Korsman, S., Doolabh, D., Preiser, W., Maponga, T., Iranzadeh, A., Wasserman, S., Boloko, L., Symons, G., Raubenheimer, P., Parker, A., Schrueder, N., Solomon, W., Rousseau, P., Wolter, N., ... Hsiao, N. Y. (2022). **Assessing the clinical severity of the Omicron variant in the Western Cape Province, South Africa, using the diagnostic PCR proxy marker of RdRp target delay to distinguish between Omicron and Delta infections - a survival analysis.** *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*, 118, 150–154. <https://doi.org/10.1016/j.ijid.2022.02.051>
4. Kretzschmar, M. E., Ashby, B., Fearon, E., Overton, C. E., Panovska-Griffiths, J., Pellis, L., Quaife, M., Rozhnova, G., Scarabel, F., Stage, H. B., Swallow, B., Thompson, R. N., Tildesley, M. J., & Vilella, D. (2022). **Challenges for modelling interventions for future pandemics.** *Epidemics*, 38, 100546. <https://doi.org/10.1016/j.epidem.2022.100546>
5. Di Chiara, C., Mengato, D., De Pieri, M., Longo, G., Benetti, E., Venturini, F., Giaquinto, C., & Donà, D. (2022). **Early Use of Sotrovimab in Children: A Case Report of an 11-Year-Old Kidney Transplant Recipient Infected with SARS-CoV-2.** *Children (Basel, Switzerland)*, 9(4), 451. <https://doi.org/10.3390/children9040451>
6. Colosi, E., Bassignana, G., Contreras, D. A., Poirier, C., Boëlle, P. Y., Cauchemez, S., Yazdanpanah, Y., Lina, B., Fontanet, A., Barrat, A., & Colizza, V. (2022). **Screening and vaccination against COVID-19 to minimise school closure: a modelling study.** *The Lancet. Infectious diseases*, 22(7), 977–989. [https://doi.org/10.1016/S1473-3099\(22\)00138-4](https://doi.org/10.1016/S1473-3099(22)00138-4)
7. Davies, M. A., Kassanjee, R., Rousseau, P., Morden, E., Johnson, L., Solomon, W., Hsiao, N. Y., Hussey, H., Meintjes, G., Paleker, M., Jacobs, T., Raubenheimer, P., Heekes, A., Dane, P., Bam, J. L., Smith, M., Preiser, W., Pienaar, D., Mendelson, M., Naude, J., ... Western Cape and South African National Departments of Health in collaboration with the National Institute for Communicable Diseases in South Africa Affiliations (2022). **Outcomes of laboratory-confirmed SARS-CoV-2 infection in the Omicron-driven fourth wave compared with previous waves in the Western Cape Province, South Africa.** *Tropical medicine & international health : TM & IH*, 27(6), 564–573. <https://doi.org/10.1111/tmi.13752>
8. Contreras, D. A., Colosi, E., Bassignana, G., Colizza, V., & Barrat, A. (2022). **Impact of contact data resolution on the evaluation of interventions in mathematical models of**

- infectious diseases. *Journal of the Royal Society, Interface*, 19(191), 20220164.  
<https://doi.org/10.1098/rsif.2022.0164>
9. Cohen-Stavi, C. J., Magen, O., Barda, N., Yaron, S., Peretz, A., Netzer, D., Giaquinto, C., Judd, A., Leibovici, L., Hernán, M. A., Lipsitch, M., Reis, B. Y., Balicer, R. D., & Dagan, N. (2022). **BNT162b2 Vaccine Effectiveness against Omicron in Children 5 to 11 Years of Age.** *The New England journal of medicine*, 387(3), 227–236.  
<https://doi.org/10.1056/NEJMoa2205011>
10. Torneri, A., Willem, L., Colizza, V., Kremer, C., Meuris, C., Darcis, G., Hens, N., & Libin, P. J. K. (2022). **Controlling SARS-CoV-2 in schools using repetitive testing strategies.** *eLife*, 11, e75593. <https://doi.org/10.7554/eLife.75593>
11. Dona', D., Montagnani, C., Di Chiara, C., Venturini, E., Galli, L., Lo Vecchio, A., Denina, M., Olivini, N., Bruzzese, E., Campana, A., Giaccherio, R., Salvini, F., Meini, A., Ponzoni, M., Trapani, S., Rossi, E., Lombardi, M. H., Badolato, R., Pierri, L., Pruccoli, G., ... On Behalf Of The Italian Sitip-Sip Pediatric Sars-CoV-Infection Study Group (2022). **COVID-19 in Infants Less than 3 Months: Severe or Not Severe Disease?.** *Viruses*, 14(10), 2256.  
<https://doi.org/10.3390/v14102256>
12. Sabatino, J., Di Chiara, C., Di Candia, A., Sirico, D., Donà, D., Fumanelli, J., Basso, A., Pogacnik, P., Cuppini, E., Romano, L. R., Castaldi, B., Reffo, E., Cerutti, A., Biffanti, R., Cozzani, S., Giaquinto, C., & Di Salvo, G. (2022). **Mid- and Long-Term Atrio-Ventricular Functional Changes in Children after Recovery from COVID-19.** *Journal of clinical medicine*, 12(1), 186. <https://doi.org/10.3390/jcm12010186>

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13. Minotti, C., Mengato, D., De Pieri, M., Trivellato, S., Francavilla, A., Di Chiara, C., Liberati, C., Mattera, R., Biffi, A., Giaquinto, C., Venturini, F., & Donà, D. (2023). **Early Treatments of Fragile Children with COVID-19-Results of CLEVER (Children COVID Early Treatment), a Retrospective, Observational Study.** *Viruses*, 15(1), 192.  
<https://doi.org/10.3390/v15010192>
14. Donà, D., Minotti, C., Masini, T., Penazzato, M., Van Der Zalm, M. M., Judd, Ali., Giaquinto, C., Lallemand, M., & Survey Respondents Consortium. (2023). **COVID-19 and MIS-C treatment in children—results from an international survey.** *European Journal of Pediatrics*. <https://doi.org/10.1007/s00431-023-05179-7>
15. Manica, M., Poletti, P., Deandrea, S., Mosconi, G., Ancarani, C., Lodola, S., Guzzetta, G., d'Andrea, V., Marziano, V., Zardini, A., Trentini, F., Odone, A., Tirani, M., Ajelli, M., & Merler, S. (2023). **Estimating SARS-CoV-2 transmission in educational settings: A retrospective cohort study.** *Influenza and other respiratory viruses*, 17(1), e13049.  
<https://doi.org/10.1111/irv.13049>
16. Van Der Zalm, M. M., Dona', D., & Rabie, H. (2023). **Pediatric coronavirus disease 2019 in Africa.** *Current opinion in pediatrics*, 35(2), 176–183.  
<https://doi.org/10.1097/MOP.0000000000001230>
17. Colosi, E., Bassignana, G., Barrat, A., Lina, B., Vanhems, P., Bielicki, J., & Colizza, V. (2023). **Minimising school disruption under high incidence conditions due to the Omicron variant in France, Switzerland, Italy, in January 2022.** *Euro surveillance : bulletin Europeen sur les*

- maladies transmissibles = European communicable disease bulletin*, 28(5), 2200192.  
<https://doi.org/10.2807/1560-7917.ES.2023.28.5.2200192>
18. Davies M. A., Morden, E., Rousseau, P., Arendse, J., Bam, J. L., Boloko, L., Cloete, K., Cohen, C., Chetty, N., Dane, P., Heekes, A., Hsiao, N. Y., Hunter, M., Hussey, H., Jacobs, T., Jassat, W., Kariem, S., Kassanjee, R., ... (2023). **Outcomes of laboratory-confirmed SARS-CoV-2 infection during resurgence driven by Omicron lineages BA.4 and BA.5 compared with previous waves in the Western Cape Province, South Africa.** *International Journal of Infectious Diseases*, 127, 63-68, <https://doi.org/10.1016/j.ijid.2022.11.024>
  19. Kremer, C., Torneri, A., Libin, P. J. K., Meex, C., Hayette, M. P., Bontems, S., Durkin, K., Artesi, M., Bours, V., Lemey, P., Darcis, G., Hens, N., Meuris, C. (2023). **Reconstruction of SARS-CoV-2 outbreaks in a primary school using epidemiological and genomic data.** *Epidemics*, 44, 100701, <https://doi.org/10.1016/j.epidem.2023.100701>
  20. Kassanjee, R., Davies, M. A., Ngwenya, O., Osei-Yeboah, R., Jacobs, T., Morden, E., Timmerman, V., Britz, S., Mendelson, M., Taljaard, J., Riou, J., Boulle, A., Tiffin, N., & Zinyakatira, N. (2023). **COVID-19 among adults living with HIV: correlates of mortality among public sector healthcare users in Western Cape, South Africa.** *Journal of the International AIDS Society*, 26(6), e26104. <https://doi.org/10.1002/jia2.26104>
  21. Di Chiara, C., Boracchini, R., Sturniolo, G., Barbieri, A., Costenaro, P., Cozzani, S., De Pieri, M., Liberati, C., Zin, A., Padoan, A., Bonfante, F., Kakkar, F., Cantarutti, A., Donà, D., & Giaquinto, C. (2023). **Clinical features of COVID-19 in Italian outpatient children and adolescents during Parental, Delta, and Omicron waves: a prospective, observational, cohort study.** *Frontiers in pediatrics*, 11, 1193857. <https://doi.org/10.3389/fped.2023.1193857>
  22. Menegale, F., Manica, M., Zardini, A., Guzzetta, G., Marziano, V., d'Andrea, V., Trentini, F., Ajelli, M., Poletti, P., & Merler, S. (2023). **Evaluation of Waning of SARS-CoV-2 Vaccine-Induced Immunity: A Systematic Review and Meta-analysis.** *JAMA network open*, 6(5), e2310650. <https://doi.org/10.1001/jamanetworkopen.2023.10650>
  23. Redfern, A., van der Zalm, M. M., Lishman, J., Goussard, P., Smit, L., Dagan, R., Barday, M., Mare, M., Claassen, M., Van Zyl, G., Rabie, H., & Verhagen, L. M. (2023). **Clinical Presentation and Outcome of Acute Respiratory Illnesses in South African Children During the COVID-19 Pandemic.** *The Pediatric infectious disease journal*, 42(8), 672–678. <https://doi.org/10.1097/INF.0000000000003951>
  24. Rouzine, I. M., & Rozhnova, G. (2023). **Evolutionary implications of SARS-CoV-2 vaccination for the future design of vaccination strategies.** *Communications medicine*, 3(1), 86. <https://doi.org/10.1038/s43856-023-00320-x>
  25. Kassanjee, R., Davies, M. A., Ngwenya, O., Osei-Yeboah, R., Jacobs, T., Morden, E., Timmerman, V., Britz, S., Mendelson, M., Taljaard, J., Riou, J., Boulle, A., Tiffin, N., & Zinyakatira, N. (2023). **COVID-19 among adults living with HIV: correlates of mortality among public sector healthcare users in Western Cape, South Africa.** *Journal of the International AIDS Society*, 26(6), e26104. <https://doi.org/10.1002/jia2.26104>
  26. de Meijere, G., Valdano, E., Castellano, C., Debin, M., Kengne-Kuetche, C., Turbelin, C., Noël, H., Weitz, J. S., Paolotti, D., Hermans, L., Hens, N., & Colizza, V. (2023). **Attitudes towards booster, testing and isolation, and their impact on COVID-19 response in winter 2022/2023 in France, Belgium, and Italy: a cross-sectional survey and modelling study.**

*The Lancet regional health. Europe*, 28, 100614.

<https://doi.org/10.1016/j.lanepe.2023.100614>

27. Westerhof, I., de Hoog, M., Ieven, M., Lammens, C., van Beek, J., Rozhnova, G., Eggink, D., Euser, S., Wildenbeest, J., Duijts, L., van Houten, M., Goossens, H., Giaquinto, C., & Bruijning-Verhagen, P. (2023). **The impact of variant and vaccination on SARS-CoV-2 symptomatology; three prospective household cohorts.** *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*, 128, 140–147. <https://doi.org/10.1016/j.ijid.2022.12.018>

## Preprints

1. Pagliari, M., Mazzetto, E., Gastaldelli, M., Bortolami, A., Donà, D., Padoan, A., Di Chiara, C., Pezzani, M.D., Cosma, C., Napolitan, A., Quaranta, E.G., Giussani, E., Fusaro, A., Pascarella, M., Aita, A., Liberati, C., Lorusso, A., Monne, I., De Rossi, A., Basso, D., Porru, S., Ricci, A., Terregino, C., Plebani, M., Tacconelli, E., Giaquinto, C., Bonfante, F. (2022). **Omicron Neutralizing and Anti-SARS-CoV-2 S-RBD Antibodies in Naïve and Convalescent Populations After Homologous and Heterologous Boosting With an mRNA Vaccine.** *The Lancet preprint*. <http://dx.doi.org/10.2139/ssrn.4016530>
2. Pham, T. M., Westerhof, I., Bootsma, M. C. J., Kretzschmar, M. E., Rozhnova, G., Bruijning-Verhagen, P. (2022) **Seasonal patterns of SARS-CoV-2 transmission in secondary schools: a modelling study.** *medRxiv*. <https://doi.org/10.1101/2022.04.21.22273952>
3. Boldea, O., Alipoor, A., Pei, S., Shaman, J., Rozhnova G. (2022). **Age-specific transmission dynamics of SARS-CoV-2 during the first two years of the pandemic.** arXiv. <https://doi.org/10.48550/arXiv.2212.13470>
4. Gressani, O., Torneri, A., Hens, N., Faes, C.. (2023). **Flexible Bayesian estimation of incubation times.** <https://doi.org/10.1101/2023.08.07.23293752>
5. De Gaetano, A., Bajardi, P., Gozzi, N., Perra, N., Perrotta, D., Paolotti, D. (2023) **Behavioral changes associated to the COVID-19 vaccination: Evidence from a cross-national online survey.** *JMIR preprints*. <https://doi.org/10.2196/47563>