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| **Subject** | **Subtopic** | **Paper** |
| Introduction to Airborne Disease Transmission Indoors | Mechanisms of Transmission | Wang et al., 2021, "Airborne Transmission of Respiratory Viruses" |
| Introduction to Airborne Disease Transmission Indoors | Mechanisms of Transmission | Nogrady, 2024, "WHO redefines airborne transmission: what does that mean for future pandemics?" |
| Introduction to Airborne Disease Transmission Indoors | Mechanisms of Transmission | Pohlker, 2021, "Respiratory aerosols and droplets in the transmission of infectious diseases" |
| Introduction to Airborne Disease Transmission Indoors | Importance and Impact | Poudel, 2021, "Impact of Covid-19 on health-related quality of life of patients: A structured review" |
| Introduction to Airborne Disease Transmission Indoors | Importance and Impact | Topcu, 2020, "The impact of COVID-19 on emerging stock markets" |
| Introduction to Airborne Disease Transmission Indoors | Importance and Impact | Dubey, 2020, "Psychosocial impact of COVID-19" |
| Introduction to Airborne Disease Transmission Indoors | Environmental Influences | Pica, 2012, "Environmental factors affecting the transmission of respiratory viruses" |
| Introduction to Airborne Disease Transmission Indoors | Environmental Influences | Ho, 2021, "Modeling airborne pathogen transport and transmission risks of SARS-CoV-2" |
| Epidemiological Modelling of Airborne Infection | Wells-Riley Model | Riley, 1978, "Airborne spread of measles in a suburban elementary school" |
| Epidemiological Modelling of Airborne Infection | Basic Models | Almeida, 2018, "Analysis of a fractional SEIR model with treatment" |
| Epidemiological Modelling of Airborne Infection | Basic Models | Watanabe, 2010, "Development of a Dose-Response Model for SARS Coronavirus" |
| Epidemiological Modelling of Airborne Infection | Use-Cases | Noakes, 2009, "Mathematical models for assessing the role of airflow on the risk of airborne infection in hospital wards" |
| Epidemiological Modelling of Airborne Infection | Use-Cases | Foster, 2021, "Estimating COVID-19 exposure in a classroom setting: A comparison between mathematical and numerical models" |
| Enhancements to Wells-Riley: Alexander Edwards (2024) | Alexander Edward's Paper | Edwards, 2024, "The Wells-Riley model revisited: Randomness, heterogeneity, and transient behaviours" |