ERST-AUTOR	JAHR	LAND (1.AUTOR)	TITEL	LINK	METHODE
Ahmed_a	2020	AUS	Comparison of virus concentration methods for the RT-qPCR-based recovery of murine hepatitis virus, a surrogate for SARS-CoV-2 from untreated wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7273154/	Aufkonzentrierung
Ahmed_b	2020	AUS	Surveillance of SARS-CoV-2 RNA in wastewater: Methods optimization and quality control are crucial for generating reliable public health information	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7544017/	Review
Ahmed_c	2021	AUS	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8386095/	Review
Ahmed_d	2021	AUS	Comparative analysis of rapid concentration methods for the recovery of SARS-CoV-2 and quantification of human enteric viruses and a sewage-associated marker gene in untreated wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8325557/	Aufkonzentrierung
Ahmed_e	2022	AUS	Evaluation of process limit of detection and quantification variation of SARS-CoV-2 RT-qPCR and RT-dPCR assays for wastewater surveillance	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8812148/pdf/main.pdf	PCR Targets
Ahmed_f	2022	AUS	Comparison of RT-qPCR and RT-dPCR platforms for the trace detection of SARS-CoV-2 RNA in wastewater	https://www.sciencedirect.com/science/article/pii/S0043135422000951	PCR
Alhama	2021	ESP	Monitoring COVID-19 through SARS-CoV-2 quantification in wastewater: progress, challenges and prospects	https://sfamjournals.onlinelibrary.wiley.com/doi/10.1111/1751-7915.13989	Review Aufkonzentrierung
Bertrand	2021	FRA	Epidemiological surveillance of SARS-CoV-2 by genome quantification in wastewater applied to a city in the northeast of France: Comparison of ultrafiltration- and protein precipitation-based methods	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7847400/	Aufkonzentrierung
Cervantes-Aviles	2021	MEX	Approaches applied to detect SARS-CoV-2 in wastewater and perspectives post-COVID-19	https://www.sciencedirect.com/science/article/pii/S2214714421000349	Review Aufkonzentrierung
Chik	2021	CAN	Comparison of approaches to quantify SARS-CoV-2 in wastewater using RT-qPCR: Results and implications from a collaborative inter-laboratory study in Canada	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7929783/	Ringversuch Kanada
Ciesielski	2021	USA	Assessing sensitivity and reproducibility of RT-ddPCR and RT-qPCR for the quantification of SARS-CoV-2 in wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8267102/	PCR
Cutrupi	2021	ITA	Surveillance of SARS-CoV-2 in extensive monitoring of municipal wastewater: key issues to yield reliable results	https://iwaponline.com/wst/article/84/12/3508/84932/Surveillance-of-SARS-CoV-2-in-extensive-monitoring	Aufkonzentrierung Sonstiges
Dumke	2021	GER	Evaluation of Two Methods to Concentrate SARS-CoV-2 from UntreatedWastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7917696/	Aufkonzentrierung PCR
Hamouda	2020	UAE	Wastewater surveillance for SARS-CoV-2: Lessons learnt from recent studies to define future applications	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7648500/	Review
Ho	2022	GER	SARS-CoV-2 wastewater surveillance in Germany: Long-term RT-digital droplet PCR monitoring, suitability of primer/probe combinations and biomarker stability	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8684593/	Targets
Islam	2022	CAN	Pasteurization, storage conditions and viral concentrationmethods influence RT-qPCR detection of SARS-CoV-2 RNA in wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8788100/pdf/main.pdf	Aufkonzentrierung Sonstiges
Jafferali	2021	SWE	Benchmarking virus concentration methods for quantification of SARS-CoV-2 in raw wastewater	https://pubmed.ncbi.nlm.nih.gov/33121776/	Aufkonzentrierung Sonstiges
Kaya	2021	USA	Evaluation of multiple analytical methods for SARS-CoV-2 surveillance in wastewater samples	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8648376/	Aufkonzentrierung RNA Extraktion Targets
Kevill	2021	GBR	A comparison of precipitation and filtration-based SARS-CoV-2 recovery methods and the influence of temperature, turbidity, and surfactant load in urban wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8610557/	Aufkonzentrierung
Khan	2021	USA	Factors influencing recovery of SARS-CoV-2 RNA in raw sewage and wastewater sludge using polyethylene glycol–based concentration method	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8730514/	Aufkonzentrierung PCR
LaTurner	2021	USA	Evaluating recovery, cost, and throughput of different concentration methods for SARS-CoV-2 wastewater-based epidemiology	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7957301/	Aufkonzentrierung
Lazuka	2021	FRA	COVID-19 wastewater based epidemiology: long-term monitoring of 10 WWTP in France reveals the importance of the sampling context	https://iwaponline.com/wst/article/84/8/1997/84292/COVID-19-wastewater-based-epidemiology-long-term	Aufkonzentrierung Targets
O´Brien	2021	USA	A comparison of four commercially available RNA extraction kits for wastewater surveillance of SARS-CoV-2 in a college population	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8359497/	RNA Extraktion
Palmer	2021	USA	Development of a reproducible method for monitoring SARS-CoV-2 in wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8328530/	Aufkonzentrierung Sonstiges
Pecson	2020	USA	Reproducibility and sensitivity of 36 methods to quantify the SARS-CoV-2 genetic signal in raw wastewater: findings from an interlaboratory methods evaluation in the U.S.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8129921/	Ringversuch USA
Perez-Cataluna	2021	ESP	Comparing analytical methods to detect SARS-CoV-2 in wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7722604/	Aufkonzentrierung RNA Extraktion Targets

Philo_a	2020	USA	A comparison of SARS-CoV-2 wastewater concentration methods for environmental surveillance	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7832770/	Aufkonzentrierung
Philo_b	2022	USA	Development and Validation of the Skimmed Milk Pellet Extraction Protocol for SARS-CoV-2 Wastewater Surveillance	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8830996/pdf/12560_2022_Article_9512.pdf	RNA Extraktion
Qiu	2021	CAN	Validating and optimizing the method for molecular detection and quantification of SARS-CoV-2 in wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8568330/	Aufkonzentrierung RNA Extraktion PCR Sonstiges
Rusinol	2020	ESP	Concentration methods for the quantification of coronavirus and other potentially pandemic enveloped virus from wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7437508/	Aufkonzentrierung
Torii	2021	JAP	Comparison of five polyethylene glycol precipitation procedures for the RT-qPCR based recovery of murine hepatitis virus, bacteriophage phi6, and pepper mild mottle virus as a surrogate for SARS-CoV-2 from wastewater	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8487407/	Aufkonzentrierung
Zhang	2021	AUS	Analytical performance comparison of four SARS-CoV-2 RT-qPCR primer-probe sets for wastewater samples	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8464025/	Targets
Zheng	2022	CHN	Comparison of virus concentration methods and RNA extraction methods for SARS-CoV-2 wastewater surveillance	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8816846/	Aufkonzentrierung
Griffiths	2021	AUS	ColoSSoS-Inter-laboratory Study	https://www.waterra.com.au/project-details/275	Ringversuch Australien