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Application of Fourier transform infrared spectroscopy for real-time typing of outbreak in intensive care unit

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Future Microbiology, 2021, 16, 1239-1250.

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#	Paper	IF	Citations
9	Analysis of four carbapenem-resistant outbreaks using Fourier-transform infrared spectroscopy.. <i>Infection Control and Hospital Epidemiology</i> , <b>2022</b> , 1-3	2	1
8	Fourier transform infrared spectroscopy as a new tool for surveillance in local stewardship antimicrobial program: a retrospective study in a nosocomial <i>Acinetobacter baumannii</i> outbreak. <i>Brazilian Journal of Microbiology</i> ,	2.2	0
7	Evaluation of Fourier Transform Infrared Spectroscopy as a First-Line Typing Tool for the Identification of Extended-Spectrum $\beta$ -Lactamase-Producing <i>Klebsiella pneumoniae</i> Outbreaks in the Hospital Setting. <i>Frontiers in Microbiology</i> , 13,	5.7	0
6	Performance Evaluation of the IR Biotyper <sup>®</sup> System for Clinical Microbiology: Application for Detection of <i>Staphylococcus aureus</i> Sequence Type 8 Strains. <i>Antibiotics</i> , <b>2022</b> , 11, 909	4.9	
5	Machine learning-based typing of <i>Salmonella enterica</i> O-serogroups by the Fourier-Transform Infrared (FTIR) Spectroscopy-based IR Biotyper system. <b>2022</b> , 201, 106564		1
4	Surveillance diagnostic algorithm using real-time PCR assay and strain typing method development to assist with the control of <i>C. auris</i> amid COVID-19 pandemic. 12,		0
3	In-process real-time probiotic phenotypic strain identity tracking: The use of Fourier transform infrared spectroscopy. 13,		0
2	Evaluation of IR Biotyper for carbapenem-resistant <i>Pseudomonas aeruginosa</i> typing and its application potential for the investigation of nosocomial infection. 14,		1
1	Evaluation of Fourier Transform Infrared spectroscopy (IR Biotyper) as a complement to Whole genome sequencing (WGS) to characterise <i>Enterobacter cloacae</i> , <i>Citrobacter freundii</i> and <i>Klebsiella pneumoniae</i> isolates recovered from hospital sinks.		0