

Mark A Poritz

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,302
citations

471509

17
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

2021
citing authors

#	ARTICLE	IF	CITATIONS
1	Model for signal sequence recognition from amino-acid sequence of 54K subunit of signal recognition particle. <i>Nature</i> , 1989, 340, 482-486.	27.8	490
2	FilmArray, an Automated Nested Multiplex PCR System for Multi-Pathogen Detection: Development and Application to Respiratory Tract Infection. <i>PLoS ONE</i> , 2011, 6, e26047.	2.5	320
3	An <i>E. coli</i> ribonucleoprotein containing 4.5S RNA resembles mammalian signal recognition particle. <i>Science</i> , 1990, 250, 1111-1117.	12.6	303
4	Human SRP RNA and <i>E. coli</i> 4.5S RNA contain a highly homologous structural domain. <i>Cell</i> , 1988, 55, 4-6.	28.9	197
5	Rapid identification of pathogens from positive blood cultures by multiplex polymerase chain reaction using the FilmArray system. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 74, 349-355.	1.8	185
6	<i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> contain a homologue to the 54-kD subunit of the signal recognition particle that in <i>S. cerevisiae</i> is essential for growth.. <i>Journal of Cell Biology</i> , 1989, 109, 3223-3230.	5.2	118
7	Molecular Analysis Improves Pathogen Identification and Epidemiologic Study of Pediatric Parapneumonic Empyema. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 289-294.	2.0	116
8	Small ribonucleoproteins in <i>Schizosaccharomyces pombe</i> and <i>Yarrowia lipolytica</i> homologous to signal recognition particle.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 4315-4319.	7.1	78
9	Respiratory Virus Detection in Immunocompromised Patients with FilmArray Respiratory Panel Compared to Conventional Methods. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3216-3221.	3.9	68
10	Association of 2009 Pandemic Influenza A (H1N1) Infection and Increased Hospitalization With Parapneumonic Empyema in Children in Utah. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 905-909.	2.0	67
11	Snapback Primer Genotyping with Saturating DNA Dye and Melting Analysis. <i>Clinical Chemistry</i> , 2008, 54, 1648-1656.	3.2	52
12	Analysis of Δ 32 mutants defective in chaperone-mediated feedback control reveals unexpected complexity of the heat shock response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17638-17643.	7.1	48
13	How well does physician selection of microbiologic tests identify <i>Clostridium difficile</i> and other pathogens in paediatric diarrhoea? Insights using multiplex PCR-based detection. <i>Clinical Microbiology and Infection</i> , 2015, 21, 179.e9-179.e15.	6.0	45
14	Non-invasive sample collection for respiratory virus testing by multiplex PCR. <i>Journal of Clinical Virology</i> , 2011, 52, 210-214.	3.1	42
15	Graded mode of transcriptional induction in yeast pheromone signalling revealed by single-cell analysis. <i>Yeast</i> , 2001, 18, 1331-1338.	1.7	41
16	Automated Real-Time Collection of Pathogen-Specific Diagnostic Data: Syndromic Infectious Disease Epidemiology. <i>JMIR Public Health and Surveillance</i> , 2018, 4, e59.	2.6	39
17	Detection of 23 Gastrointestinal Pathogens Among Children Who Present With Diarrhea. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2017, 6, pii020.	1.3	36
18	Enterovirus D68 outbreak detection through a syndromic disease epidemiology network. <i>Journal of Clinical Virology</i> , 2020, 124, 104262.	3.1	16

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19	Expression levels of transdominant peptides and proteins in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2002, 19, 1-7.	1.7	12
20	Getting Things Backwards to Prevent Primer Dimers. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 159-162.	2.8	11
21	Exogenous Peptide and Protein Expression Levels Using Retroviral Vectors in Human Cells. <i>Molecular Therapy</i> , 2001, 4, 398-406.	8.2	8
22	Isolation of a peptide inhibitor of human rhinovirus. <i>Virology</i> , 2003, 313, 170-183.	2.4	4
23	Multiplex PCR for Detection and Identification of Microbial Pathogens. , 2018, , 475-493.		4
24	<i>Response</i> : "Sequence-Gazing?". <i>Science</i> , 1991, 251, 1161-1162.	12.6	1
25	Functional dissection of the signal recognition particle. <i>Molecular Biology Reports</i> , 1987, 12, 220-220.	2.3	0
26	Implementation of an Instantaneous Pathogen Specific Surveillance System. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
27	<i>Response</i> : "Sequence-Gazing?". <i>Science</i> , 1991, 251, 1161-1162.	12.6	0