

# Fred Russell Kramer

## List of Publications by Year in descending order

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19  
papers

7,655  
citations

567281

15  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

5510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Beacons: Probes that Fluoresce upon Hybridization. <i>Nature Biotechnology</i> , 1996, 14, 303-308.	17.5	3,956
2	Multicolor molecular beacons for allele discrimination. <i>Nature Biotechnology</i> , 1998, 16, 49-53.	17.5	1,276
3	Efficiencies of fluorescence resonance energy transfer and contact-mediated quenching in oligonucleotide probes. <i>Nucleic Acids Research</i> , 2002, 30, 122e-122.	14.5	568
4	Molecular beacon sequence analysis for detecting drug resistance in <i>Mycobacterium tuberculosis</i> . <i>Nature Biotechnology</i> , 1998, 16, 359-363.	17.5	393
5	Wavelength-shifting molecular beacons. <i>Nature Biotechnology</i> , 2000, 18, 1191-1196.	17.5	320
6	MOLECULAR BEACONS: Spectral Genotyping of Human Alleles. <i>Science</i> , 1998, 279, 1228-1229.	12.6	316
7	Multiplex detection of single-nucleotide variations using molecular beacons. <i>Genetic Analysis, Techniques and Applications</i> , 1999, 14, 151-156.	1.5	265
8	Detection of Rifampin Resistance in <i>Mycobacterium tuberculosis</i> in a Single Tube with Molecular Beacons. <i>Journal of Clinical Microbiology</i> , 2001, 39, 4131-4137.	3.9	163
9	Exponential Amplification of Recombinant- RNA Hybridization Probes. <i>Bio/technology</i> , 1988, 6, 1197-1202.	1.5	119
10	Molecular Beacons for Multiplex Detection of Four Bacterial Bioterrorism Agents. <i>Clinical Chemistry</i> , 2004, 50, 1060-1063.	3.2	54
11	Rapid Universal Identification of Bacterial Pathogens from Clinical Cultures by Using a Novel Sloppy Molecular Beacon Melting Temperature Signature Technique. <i>Journal of Clinical Microbiology</i> , 2010, 48, 258-267.	3.9	48
12	Use of Sloppy Molecular Beacon Probes for Identification of Mycobacterial Species. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1190-1198.	3.9	47
13	Molecular Epidemiologic Evaluation of Transmissibility and Virulence of <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 1999, 37, 1764-1770.	3.9	44
14	Messenger RNA release from ribosomes during 5â€²â€¢translational blockage by consecutive lowâ€¢usage arginine but not leucine codons in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1997, 25, 707-716.	2.5	43
15	Multiplex Real-Time PCR Assays that Measure the Abundance of Extremely Rare Mutations Associated with Cancer. <i>PLoS ONE</i> , 2016, 11, e0156546.	2.5	29
16	Color-coded molecular beacons for multiplex PCR screening assays. <i>PLoS ONE</i> , 2019, 14, e0213906.	2.5	9
17	SuperSelective primer pairs for sensitive detection of rare somatic mutations. <i>Scientific Reports</i> , 2021, 11, 22384.	3.3	4
18	Multiplex SuperSelective PCR Assays for the Detection and Quantitation of Rare Somatic Mutations in Liquid Biopsies. <i>Journal of Molecular Diagnostics</i> , 2022, 24, 189-204.	2.8	1

#	ARTICLE	IF	CITATIONS
19	Messenger RNA release from ribosomes during 5'-translational blockage by consecutive low-usage arginine but not leucine codons in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1998, 27, 669-669.	2.5	0