

# Fred Russell Kramer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5971024/publications.pdf>

Version: 2024-02-01

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  | 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         |
| 2  | SuperSelective primer pairs for sensitive detection of rare somatic mutations. <i>Scientific Reports</i> , 2021, 11, 22384.   | 3.3  | 4         |
| 3  | Color-coded molecular beacons for multiplex PCR screening assays. <i>PLoS ONE</i> , 2019, 14, e0213906.   | 2.5  | 9         |
| 4  | 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        |
| 5  | 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        |
| 6  | Use of Sloppy Molecular Beacon Probes for Identification of Mycobacterial Species. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1190-1198.   | 3.9  | 47        |
| 7  | Molecular Beacons for Multiplex Detection of Four Bacterial Bioterrorism Agents. <i>Clinical Chemistry</i> , 2004, 50, 1060-1063.   | 3.2  | 54        |
| 8  | 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       |
| 9  | 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       |
| 10 | Wavelength-shifting molecular beacons. <i>Nature Biotechnology</i> , 2000, 18, 1191-1196.   | 17.5 | 320       |
| 11 | Multiplex detection of single-nucleotide variations using molecular beacons. <i>Genetic Analysis, Techniques and Applications</i> , 1999, 14, 151-156.  | 1.5  | 265       |
| 12 | 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        |
| 13 | Multicolor molecular beacons for allele discrimination. <i>Nature Biotechnology</i> , 1998, 16, 49-53.  | 17.5 | 1,276     |
| 14 | Molecular beacon sequence analysis for detecting drug resistance in <i>Mycobacterium tuberculosis</i> . <i>Nature Biotechnology</i> , 1998, 16, 359-363.  | 17.5 | 393       |
| 15 | 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         |
| 16 | MOLECULAR BEACONS: Spectral Genotyping of Human Alleles. <i>Science</i> , 1998, 279, 1228-1229.   | 12.6 | 316       |
| 17 | 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> , 1997, 25, 707-716.              | 2.5  | 43        |
| 18 | Molecular Beacons: Probes that Fluoresce upon Hybridization. <i>Nature Biotechnology</i> , 1996, 14, 303-308.   | 17.5 | 3,956     |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Exponential Amplification of Recombinant- RNA Hybridization Probes. Bio/technology, 1988, 6, 1197-1202. | 1.5 | 119       |