

# Emily Crawford

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9183638/publications.pdf>

Version: 2024-02-01

42  
papers

8,271  
citations

236612

25  
h-index

264894

42  
g-index

57  
all docs

57  
docs citations

57  
times ranked

13786  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Connectivity Map: Using Gene-Expression Signatures to Connect Small Molecules, Genes, and Disease. <i>Science</i> , 2006, 313, 1929-1935.	6.0	4,472
2	Amplification-free detection of SARS-CoV-2 with CRISPR-Cas13a and mobile phone microscopy. <i>Cell</i> , 2021, 184, 323-333.e9.	13.5	613
3	Caspase Substrates and Cellular Remodeling. <i>Annual Review of Biochemistry</i> , 2011, 80, 1055-1087.	5.0	272
4	Integrating host response and unbiased microbe detection for lower respiratory tract infection diagnosis in critically ill adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12353-E12362.	3.3	249
5	Depletion of Abundant Sequences by Hybridization (DASH): using Cas9 to remove unwanted high-abundance species in sequencing libraries and molecular counting applications. <i>Genome Biology</i> , 2016, 17, 41.	3.8	248
6	A method for high-throughput gene expression signature analysis. <i>Genome Biology</i> , 2006, 7, R61.	13.9	190
7	Viable bacterial colonization is highly limited in the human intestine in utero. <i>Nature Medicine</i> , 2020, 26, 599-607.	15.2	180
8	FLASH: a next-generation CRISPR diagnostic for multiplexed detection of antimicrobial resistance sequences. <i>Nucleic Acids Research</i> , 2019, 47, e83-e83.	6.5	168
9	Illuminating uveitis: metagenomic deep sequencing identifies common and rare pathogens. <i>Genome Medicine</i> , 2016, 8, 90.	3.6	148
10	Performance Characteristics of a Rapid Severe Acute Respiratory Syndrome Coronavirus 2 Antigen Detection Assay at a Public Plaza Testing Site in San Francisco. <i>Journal of Infectious Diseases</i> , 2021, 223, 1139-1144.	1.9	131
11	The DegraBase: A Database of Proteolysis in Healthy and Apoptotic Human Cells. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 813-824.	2.5	124
12	Toward the development of peptide nanofilaments and nanoropes as smart materials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12656-12661.	3.3	123
13	Pulmonary Metagenomic Sequencing Suggests Missed Infections in Immunocompromised Children. <i>Clinical Infectious Diseases</i> , 2019, 68, 1847-1855.	2.9	112
14	A compact Cascade-Cas3 system for targeted genome engineering. <i>Nature Methods</i> , 2020, 17, 1183-1190.	9.0	104
15	Acute West Nile Virus Meningoencephalitis Diagnosed Via Metagenomic Deep Sequencing of Cerebrospinal Fluid in a Renal Transplant Patient. <i>American Journal of Transplantation</i> , 2017, 17, 803-808.	2.6	94
16	Community Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 Disproportionately Affects the Latinx Population During Shelter-in-Place in San Francisco. <i>Clinical Infectious Diseases</i> , 2021, 73, S127-S135.	2.9	94
17	Pan-viral serology implicates enteroviruses in acute flaccid myelitis. <i>Nature Medicine</i> , 2019, 25, 1748-1752.	15.2	93
18	Unbiased Metagenomic Sequencing for Pediatric Meningitis in Bangladesh Reveals Neuroinvasive Chikungunya Virus Outbreak and Other Unrealized Pathogens. <i>MBio</i> , 2019, 10, .	1.8	79

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19	Identification of a Polymorphism in the N Gene of SARS-CoV-2 That Adversely Impacts Detection by Reverse Transcription-PCR. <i>Journal of Clinical Microbiology</i> , 2020, 59, .	1.8	66
20	Genomic profiling of breast secretory carcinomas reveals distinct genetics from other breast cancers and similarity to mammary analog secretory carcinomas. <i>Modern Pathology</i> , 2017, 30, 1086-1099.	2.9	63
21	Conservation of caspase substrates across metazoans suggests hierarchical importance of signaling pathways over specific targets and cleavage site motifs in apoptosis. <i>Cell Death and Differentiation</i> , 2012, 19, 2040-2048.	5.0	61
22	Reduced Insulin/IGF-1 Signaling Restores the Dynamic Properties of Key Stress Granule Proteins during Aging. <i>Cell Reports</i> , 2017, 18, 454-467.	2.9	54
23	Sex-based differences in clearance of chronic <i>Plasmodium falciparum</i> infection. <i>ELife</i> , 2020, 9, .	2.8	46
24	Plasmid-free CRISPR/Cas9 genome editing in <i>Plasmodium falciparum</i> confirms mutations conferring resistance to the dihydroisoquinolone clinical candidate SJ733. <i>PLoS ONE</i> , 2017, 12, e0178163.	1.1	44
25	Integrating central nervous system metagenomics and host response for diagnosis of tuberculosis meningitis and its mimics. <i>Nature Communications</i> , 2022, 13, 1675.	5.8	38
26	Modulating Pathogenesis with Mobile-CRISPRi. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	31
27	Metagenomic prediction of antimicrobial resistance in critically ill patients with lower respiratory tract infections. <i>Genome Medicine</i> , 2022, 14, .	3.6	25
28	SWOG 99â€“16: Randomized phase III trial of docetaxel (D)/estramustine (E) versus mitoxantrone(M)/prednisone(p) in men with androgen-independent prostate cancer (AIPCA). <i>Journal of Clinical Oncology</i> , 2004, 22, 3-3.	0.8	24
29	The COVID-19 Symptom to Isolation Cascade in a Latinx Community: A Call to Action. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab023.	0.4	22
30	Design of a heterotetrameric coiled coil. <i>Protein Science</i> , 2009, 18, 329-336.	3.1	21
31	Investigating Transfusion-related Sepsis Using Culture-Independent Metagenomic Sequencing. <i>Clinical Infectious Diseases</i> , 2020, 71, 1179-1185.	2.9	21
32	Metronidazole treatment rapidly reduces genital inflammation through effects on bacterial vaginosisâ€“associated bacteria rather than lactobacilli. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	21
33	Sepsis from an apheresis platelet contaminated with <i>Acinetobacter calcoaceticus/baumannii</i> complex bacteria and <i>Staphylococcus saprophyticus</i> after pathogen reduction. <i>Transfusion</i> , 2020, 60, 1960-1969.	0.8	20
34	Genomic and serologic characterization of enterovirus A71 brainstem encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	3.1	19
35	Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. <i>PLoS Pathogens</i> , 2020, 16, e1008966.	2.1	18
36	Corroborating evidence refutes batch effect as explanation for fetal bacteria. <i>Microbiome</i> , 2021, 9, 10.	4.9	17

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37	SWOG 99â€“16: Randomized phase III trial of docetaxel (D)/estramustine (E) versus mitoxantrone(M)/prednisone(p) in men with androgen-independent prostate cancer (AIPCA). Journal of Clinical Oncology, 2004, 22, 3-3.	0.8	16
38	Detection of Cryptococcus DNA by Metagenomic Next-generation Sequencing in Symptomatic Cryptococcal Antigenemia. Clinical Infectious Diseases, 2019, 68, 1978-1979.	2.9	15
39	Sentinel Case of <i>Candida auris</i> in the Western United States Following Prolonged Occult Colonization in a Returned Traveler from India. Microbial Drug Resistance, 2019, 25, 677-680.	0.9	12
40	Bergeyella cardium: Clinical Characteristics and Draft Genome of an Emerging Pathogen in Native and Prosthetic Valve Endocarditis. Open Forum Infectious Diseases, 2019, 6, ofz134.	0.4	6
41	Three-month change in PSA as a surrogate endpoint for mortality in advanced hormone-refractory prostate cancer (HRPC): Data from Southwest Oncology Group Study S9916. Journal of Clinical Oncology, 2004, 22, 4505-4505.	0.8	3
42	Exploring Caspase Specificity with a Physical Threeâ€“Dimensional Model. FASEB Journal, 2010, 24, .	0.2	0