

# Michael Knudsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5408037/publications.pdf>

Version: 2024-02-01

24  
papers

1,777  
citations

623734

14  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2983  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Circulating tumor <sc>DNA</sc> for prognosis assessment and postoperative management after curative-intent resection of colorectal liver metastases. <i>International Journal of Cancer</i> , 2022, 150, 1537-1548.                                  | 5.1  | 22        |
| 2  | Classifying cGAS-STING Activity Links Chromosomal Instability with Immunotherapy Response in Metastatic Bladder Cancer. <i>Cancer Research Communications</i> , 2022, 2, 762-771.  | 1.7  | 6         |
| 3  | Molecular correlates of cisplatin-based chemotherapy response in muscle invasive bladder cancer by integrated multi-omics analysis. <i>Nature Communications</i> , 2020, 11, 4858.   | 12.8 | 124       |
| 4  | Correlation between early dynamics in circulating tumour DNA and outcome from FOLFIRI treatment in metastatic colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 11542.   | 3.3  | 25        |
| 5  | Validation of computational determination of microsatellite status using whole exome sequencing data from colorectal cancer patients. <i>BMC Cancer</i> , 2019, 19, 971.   | 2.6  | 18        |
| 6  | Hierarchical Classification of Cancers of Unknown Primary Using Multi-Omics Data. <i>Cancer Informatics</i> , 2019, 18, 117693511987216.   | 1.9  | 13        |
| 7  | Analysis of Plasma Cell-Free DNA by Ultradeep Sequencing in Patients With Stages I to III Colorectal Cancer. <i>JAMA Oncology</i> , 2019, 5, 1124.   | 7.1  | 538       |
| 8  | Early Detection of Metastatic Relapse and Monitoring of Therapeutic Efficacy by Ultra-Deep Sequencing of Plasma Cell-Free DNA in Patients With Urothelial Bladder Carcinoma. <i>Journal of Clinical Oncology</i> , 2019, 37, 1547-1557.              | 1.6  | 298       |
| 9  | Abstract 913: Early detection of metastatic relapse and monitoring of therapeutic efficacy by ultra-deep sequencing of plasma cell-free DNA in patients with urothelial bladder carcinoma. , 2019, , .   |      | 3         |
| 10 | Monitoring Treatment Response and Metastatic Relapse in Advanced Bladder Cancer by Liquid Biopsy Analysis. <i>European Urology</i> , 2018, 73, 535-540.  | 1.9  | 112       |
| 11 | Characterization of genetic intratumor heterogeneity in colorectal cancer and matching patient-derived spheroid cultures. <i>Molecular Oncology</i> , 2018, 12, 132-147.   | 4.6  | 49        |
| 12 | Clinical Implications of Monitoring Circulating Tumor DNA in Patients with Colorectal Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 5437-5445.   | 7.0  | 232       |
| 13 | A Rare Case of Embryonal Carcinoma in a Patient with Turner Syndrome without Y Chromosomal Material but Mutations in <i>KIT</i>, <i>AKT1</i>, and <i>ZNF358</i>; Demonstrated Using Exome Sequencing. <i>Sexual Development</i> , 2017, 11, 262-268. | 2.0  | 8         |
| 14 | Computational discovery of specificity-conferring sites in non-ribosomal peptide synthetases. <i>Bioinformatics</i> , 2016, 32, 325-329.   | 4.1  | 26        |
| 15 | Computational Classification of P-Type ATPases. <i>Methods in Molecular Biology</i> , 2016, 1377, 493-502.   | 0.9  | 0         |
| 16 | Fungal NRPS-Dependent Siderophores: From Function to Prediction. <i>Fungal Biology</i> , 2014, , 317-339.  | 0.6  | 7         |
| 17 | A bimodular mechanism of calcium control in eukaryotes. <i>Nature</i> , 2012, 491, 468-472.  | 27.8 | 110       |
| 18 | Exact analysis of intrinsic qualitative features of phosphorelays using mathematical models. <i>Journal of Theoretical Biology</i> , 2012, 300, 7-18.  | 1.7  | 13        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | An Algebraic Approach to Signaling Cascades with n Layers. Bulletin of Mathematical Biology, 2012, 74, 45-72.                                  | 1.9 | 30        |
| 20 | Signaling Cascades: Consequences of Varying Substrate and Phosphatase Levels. Advances in Experimental Medicine and Biology, 2012, 736, 81-94. | 1.6 | 6         |
| 21 | An Algebro-Topological Description of Protein Domain Structure. PLoS ONE, 2011, 6, e19670.   | 2.5 | 13        |
| 22 | The CATH database. Human Genomics, 2010, 4, 207.   | 2.9 | 84        |
| 23 | Fatgraph models of proteins. Communications on Pure and Applied Mathematics, 2010, 63, 1249-1297.  | 3.1 | 37        |
| 24 | A Markov Chain Approach to Randomly Grown Graphs. Journal of Applied Mathematics, 2008, 2008, 1-14.  | 0.9 | 3         |