

# Per Olaf Ekström

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

552  
citations

516710

16  
h-index

713466

21  
g-index

45  
all docs

45  
docs citations

45  
times ranked

509  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The Quandary of DNA-Based Treatment Assessment in De Novo Metastatic Prostate Cancer in the Era of Precision Oncology. <i>Journal of Personalized Medicine</i> , 2021, 11, 330.  | 2.5 | 1         |
| 2  | Tracing of Human Tumor Cell Lineages by Mitochondrial Mutations. <i>Frontiers in Oncology</i> , 2020, 10, 523860.  | 2.8 | 1         |
| 3  | Somatic Mitochondrial DNA Point Mutations Used as Biomarkers to Demonstrate Genomic Heterogeneity in Primary Prostate Cancer. <i>Prostate Cancer</i> , 2020, 2020, 1-10.   | 0.6 | 3         |
| 4  | Results of multigene panel testing in familial cancer cases without genetic cause demonstrated by single gene testing. <i>Scientific Reports</i> , 2019, 9, 18555.   | 3.3 | 13        |
| 5  | Scanning the mitochondrial genome for mutations by cycling temperature capillary electrophoresis. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 19-30.  | 0.7 | 4         |
| 6  | Potentially pathogenic germline CHEK2 c.319+2T>A among multiple early-onset cancer families. <i>Familial Cancer</i> , 2018, 17, 141-153.   | 1.9 | 12        |
| 7  | Identification of genetic variants for clinical management of familial colorectal tumors. <i>BMC Medical Genetics</i> , 2018, 19, 26.  | 2.1 | 18        |
| 8  | Genetic variants of prospectively demonstrated phenocopies in BRCA1/2 kindreds. <i>Hereditary Cancer in Clinical Practice</i> , 2018, 16, 4.   | 1.5 | 7         |
| 9  | Is detection of intraperitoneal exfoliated tumor cells after surgical resection of rectal cancer a prognostic factor of survival?. <i>BMC Cancer</i> , 2017, 17, 406.  | 2.6 | 3         |
| 10 | Mapping mitochondrial heteroplasmy in a Leydig tumor by laser capture micro-dissection and cycling temperature capillary electrophoresis. <i>BMC Clinical Pathology</i> , 2017, 17, 6.   | 1.8 | 4         |
| 11 | Quantifying mitochondrial DNA copy number using robust regression to interpret real time PCR results. <i>BMC Research Notes</i> , 2017, 10, 593.   | 1.4 | 12        |
| 12 | TP53 status in keratoacanthomas. <i>Journal of Cutaneous Pathology</i> , 2016, 43, 571-578.  | 1.3 | 7         |
| 13 | Cycling temperature capillary electrophoresis: A quantitative, fast and inexpensive method to detect mutations in mixed populations of human mitochondrial DNA. <i>Mitochondrion</i> , 2016, 29, 65-74.  | 3.4 | 8         |
| 14 | Ten modifiers of BRCA1 penetrance validated in a Norwegian series. <i>Hereditary Cancer in Clinical Practice</i> , 2015, 13, 14.   | 1.5 | 2         |
| 15 | Automated amplicon design suitable for analysis of DNA variants by melting techniques. <i>BMC Research Notes</i> , 2015, 8, 667.   | 1.4 | 6         |
| 16 | TP53/p53 alterations and Aurora A expression in progressor and non-progressor colectomies from patients with longstanding ulcerative colitis. <i>International Journal of Molecular Medicine</i> , 2015, 35, 24-30.                                      | 4.0 | 6         |
| 17 | Influence of polymorphisms in genes encoding immunoregulatory proteins and metabolizing enzymes on susceptibility and outcome in patients with diffuse large B-cell lymphoma treated with rituximab. <i>Leukemia and Lymphoma</i> , 2013, 54, 2205-2214. | 1.3 | 18        |
| 18 | Polymorphisms in genes encoding interleukin-10 and drug metabolizing enzymes GSTP1, GSTT1, GSTA1 and UGT1A1 influence risk and outcome in Hodgkin lymphoma. <i>Leukemia and Lymphoma</i> , 2012, 53, 1934-1944.  | 1.3 | 22        |

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|----|--|------|-----------|
| 19 | Separation principles of cycling temperature capillary electrophoresis. <i>Electrophoresis</i> , 2012, 33, 1162-1168.  | 2.4  | 13        |
| 20 | Validation and use of microdialysis for determination of pharmacokinetic properties of the chemotherapeutic agent mitomycin C - an experimental study. <i>BMC Cancer</i> , 2010, 10, 469.  | 2.6  | 5         |
| 21 | Analysis of mutational spectra by denaturing capillary electrophoresis. <i>Nature Protocols</i> , 2008, 3, 1153-1166.  | 12.0 | 28        |
| 22 | Molecular detection (k-ras) of exfoliated tumour cells in the pelvis is a prognostic factor after resection of rectal cancer?. <i>BMC Cancer</i> , 2008, 8, 213.   | 2.6  | 6         |
| 23 | Technology to accelerate pangenomic scanning for unknown point mutations in exonic sequences: cycling temperature capillary electrophoresis (CTCE). <i>BMC Genetics</i> , 2007, 8, 54.   | 2.7  | 13        |
| 24 | Evaluation of sieving matrices used to separate alleles by cycling temperature capillary electrophoresis. <i>Electrophoresis</i> , 2006, 27, 1878-1885.  | 2.4  | 7         |
| 25 | Detection and frequency estimation of rare variants in pools of genomic DNA from large populations using mutational spectrometry. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 570, 267-280. | 1.0  | 15        |
| 26 | High-throughput gender determination using automated denaturant gel capillary electrophoresis. <i>Electrophoresis</i> , 2005, 26, 2562-2566.   | 2.4  | 4         |
| 27 | Review of denaturant capillary electrophoresis in DNA variation analysis. <i>Electrophoresis</i> , 2005, 26, 2520-2530.  | 2.4  | 23        |
| 28 | BRAF mutation detection and identification by cycling temperature capillary electrophoresis. <i>Electrophoresis</i> , 2005, 26, 2553-2561.   | 2.4  | 25        |
| 29 | DNA variants in the ATM gene are not associated with sporadic rectal cancer in a Norwegian population-based study. <i>International Journal of Colorectal Disease</i> , 2004, 19, 49-54.   | 2.2  | 13        |
| 30 | Determination of Hereditary Mutations in the BRCA1 Gene Using Archived Serum Samples and Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2004, 76, 4406-4409.   | 6.5  | 13        |
| 31 | Approach to analysis of single nucleotide polymorphisms by automated constant denaturant capillary electrophoresis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 526, 75-83.                 | 1.0  | 16        |
| 32 | Cycling gradient capillary electrophoresis: A low-cost tool for high-throughput analysis of genetic variations. <i>Electrophoresis</i> , 2003, 24, 1716-1722.  | 2.4  | 27        |
| 33 | Direct identification of all oncogenic mutants in KRAS exon 1 by cycling temperature capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 63-69.  | 2.4  | 23        |
| 34 | Evaluation of denaturing conditions in analysis of DNA variants applied to multi-capillary electrophoresis instruments. <i>Journal of Separation Science</i> , 2003, 26, 1163-1168.  | 2.5  | 16        |
| 35 | Population Screening of Single-Nucleotide Polymorphisms Exemplified by Analysis of 8000 Alleles. <i>Journal of Biomolecular Screening</i> , 2002, 7, 501-506.  | 2.6  | 20        |
| 36 | Melting gel techniques in single nucleotide polymorphism and mutation detection: From theory to automation. <i>Journal of Separation Science</i> , 2002, 25, 637-647.  | 2.5  | 12        |

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|----|--|-----|-----------|
| 37 | Mutation Detection in KRAS Exon 1 by Constant Denaturant Capillary Electrophoresis in 96 Parallel Capillaries. <i>Analytical Biochemistry</i> , 2002, 304, 200-205.  | 2.4 | 24        |
| 38 | Reducing the Cost of Consumables Used for ABI 310 Genetic Analyzer. <i>Analytical Biochemistry</i> , 2002, 306, 148-149.   | 2.4 | 0         |
| 39 | Alterations in methotrexate pharmacokinetics by naproxen in the rat as measured by microdialysis. <i>Life Sciences</i> , 1997, 60, PL359-PL364.  | 4.3 | 6         |
| 40 | Intratumoral differences in methotrexate levels within human osteosarcoma xenografts studied by microdialysis. <i>Life Sciences</i> , 1997, 61, PL275-PL280.   | 4.3 | 16        |
| 41 | Determination of extracellular methotrexate tissue levels by microdialysis in a rat model. <i>Cancer Chemotherapy and Pharmacology</i> , 1996, 37, 394-400.  | 2.3 | 21        |
| 42 | Continuous intratumoral microdialysis during high-dose methotrexate therapy in a patient with malignant fibrous histiocytoma of the femur: a case report. <i>Cancer Chemotherapy and Pharmacology</i> , 1996, 39, 267-272. | 2.3 | 23        |
| 43 | Pharmacokinetics of different doses of methotrexate at steady state by in situ microdialysis in a rat model. <i>Cancer Chemotherapy and Pharmacology</i> , 1995, 36, 283-289.  | 2.3 | 17        |
| 44 | Evaluation of methotrexate tissue exposure by in situ microdialysis in a rat model. <i>Cancer Chemotherapy and Pharmacology</i> , 1994, 34, 297-301.   | 2.3 | 19        |