# Carl A K Borrebaeck

List of Publications by Year
in descending order

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|---|---|---|---|
| 107<br>papers | 4,942<br>citations | 81900<br>39<br>h-index | 98798<br>67<br>g-index |
| 111<br>all docs | 111<br>docs citations | 111<br>times ranked | 5557<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | The Value of a New Diagnostic Test for Prostate Cancer: A Cost-Utility Analysis in Early Stage of Development. PharmacoEconomics - Open, 2021, 5, 77-88. | 1.8 | 3 |
| 2 | Identification of a serum biomarker signature associated with metastatic prostate cancer. Proteomics - Clinical Applications, 2021, 15, 2000025. | 1.6 | 3 |
| 3 | Animal-free alternatives and the antibody iceberg. Nature Biotechnology, 2020, 38, 1234-1239. | 17.5 | 58 |
| 4 | &lt;p&gt;Psychological Resilience and Health-Related Quality of Life in Swedish Women with Newly Diagnosed Breast Cancer&lt;/p&gt;. Cancer Management and Research, 2020, Volume 12, 12041-12051. | 1.9 | 14 |
| 5 | Psychometric properties of the Connor-Davidson Resilience Scale (CD-RISC) in a non-clinical population in Sweden. Health and Quality of Life Outcomes, 2020, 18, 132. | 2.4 | 44 |
| 6 | Multiplex profiling of serum proteins in solution using barcoded antibody fragments and next generation sequencing. Communications Biology, 2020, 3, 339. | 4.4 | 2 |
| 7 | Skin Sensitization Testing—What's Next?. International Journal of Molecular Sciences, 2019, 20, 666. | 4.1 | 9 |
| 8 | Serum Biomarker Signature-Based Liquid Biopsy for Diagnosis of Early-Stage Pancreatic Cancer. Journal of Clinical Oncology, 2018, 36, 2887-2894. | 1.6 | 108 |
| 9 | A multicenter study investigating the molecular fingerprint of psychological resilience in breast cancer patients: study protocol of the SCAN-B resilience study. BMC Cancer, 2018, 18, 789. | 2.6 | 11 |
| 10 | Precision diagnostics: moving towards protein biomarker signatures of clinical utility in cancer. Nature Reviews Cancer, 2017, 17, 199-204. | 28.4 | 318 |
| 11 | Testing Human Skin and Respiratory Sensitizers—What Is Good Enough?. International Journal of Molecular Sciences, 2017, 18, 241. | 4.1 | 3 |
| 12 | Implementing liquid biopsies into clinical decision making for cancer immunotherapy. Oncotarget, 2017, 8, 48507-48520. | 1.8 | 63 |
| 13 | Tumor tissue protein signatures reflect histological grade of breast cancer. PLoS ONE, 2017, 12, e0179775. | 2.5 | 8 |
| 14 | GARD: Genomic Allergen Rapid Detection. , 2017, , 393-403. | | 1 |
| 15 | Evaluation of Solid Supports for Slide- and Well-Based Recombinant Antibody Microarrays. Microarrays (Basel, Switzerland), 2016, 5, 16. | 1.4 | 11 |
| 16 | Generation and analyses of human synthetic antibody libraries and their application for protein microarrays. Protein Engineering, Design and Selection, 2016, 29, 427-437. | 2.1 | 35 |
| 17 | Plasma protein profiling in a stage defined pancreatic cancer cohort – Implications for early diagnosis. Molecular Oncology, 2016, 10, 1305-1316. | 4.6 | 25 |
| 18 | Advancing the global proteome survey platform by using an oriented single chain antibody fragment immobilization approach. New Biotechnology, 2016, 33, 503-513. | 4.4 | 1 |

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| 19 | Technical Advances of the Recombinant Antibody Microarray Technology Platform for Clinical Immunoproteomics. PLoS ONE, 2016, 11, e0159138. | 2.5 | 27 |
| 20 | Prediction of Chemical Respiratory Sensitizers Using GARD, a Novel In Vitro Assay Based on a Genomic Biomarker Signature. PLoS ONE, 2015, 10, e0118808. | 2.5 | 34 |
| 21 | A Multicenter Trial Defining a Serum Protein Signature Associated with Pancreatic Ductal Adenocarcinoma. International Journal of Proteomics, 2015, 2015, 1-10. | 2.0 | 26 |
| 22 | Molecular design of recombinant scFv antibodies for site-specific photocoupling to β-cyclodextrin in solution and onto solid support. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 2164-2173. | 2.3 | 8 |
| 23 | Genomic Allergen Rapid Detection In-House Validation—A Proof of Concept. Toxicological Sciences, 2014, 139, 362-370. | 3.1 | 27 |
| 24 | Identification of plasma protein profiles associated with risk groups of prostate cancer patients. Proteomics - Clinical Applications, 2014, 8, 951-962. | 1.6 | 10 |
| 25 | Skin sensitizers differentially regulate signaling pathways in MUTZ-3 cells in relation to their individual potency. BMC Pharmacology &amp; Toxicology, 2014, 15, 5. | 2.4 | 36 |
| 26 | Multiplexing of miniaturized planar antibody arrays for serum protein profiling – a biomarker discovery in SLE nephritis. Lab on A Chip, 2014, 14, 1931-1942. | 6.0 | 11 |
| 27 | Identification of B-cell lymphoma subsets by plasma protein profiling using recombinant antibody microarrays. Leukemia Research, 2014, 38, 682-690. | 0.8 | 14 |
| 28 | Miniaturization of multiplexed planar recombinant antibody arrays for serum protein profiling. Bioanalysis, 2014, 6, 1175-1185. | 1.5 | 8 |
| 29 | Recombinant Antibody Microarray for Profiling the Serum Proteome of SLE. Methods in Molecular Biology, 2014, 1134, 67-78. | 0.9 | 8 |
| 30 | Antibody Array Generation and Use. Methods in Molecular Biology, 2014, 1131, 563-571. | 0.9 | 19 |
| 31 | The GARD assay for assessment of chemical skin sensitizers. Toxicology in Vitro, 2013, 27, 1163-1169. | 2.4 | 87 |
| 32 | Protein Expression Profiling of Formalin-Fixed Paraffin-Embedded Tissue Using Recombinant Antibody Microarrays. Journal of Proteome Research, 2013, 12, 5943-5953. | 3.7 | 16 |
| 33 | Grading Breast Cancer Tissues Using Molecular Portraits. Molecular and Cellular Proteomics, 2013, 12, 3612-3623. | 3.8 | 28 |
| 34 | Modelling the benefits of early diagnosis of pancreatic cancer using a biomarker signature. International Journal of Cancer, 2013, 133, 2392-2397. | 5.1 | 45 |
| 35 | Nuclear T-STAR Protein Expression Correlates with HER2 Status, Hormone Receptor Negativity and Prolonged Recurrence Free Survival in Primary Breast Cancer and Decreased Cancer Cell Growth In Vitro. PLoS ONE, 2013, 8, e70596. | 2.5 | 2 |
| 36 | Identification of Serum Biomarker Signatures Associated with Pancreatic Cancer. Cancer Research, 2012, 72, 2481-2490. | 0.9 | 98 |

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| 37 | Quantitative Proteomics Targeting Classes of Motif-containing Peptides Using Immunoaffinity-based Mass Spectrometry. Molecular and Cellular Proteomics, 2012, 11, 342-354. | 3.8 | 21 |
| 38 | Serum proteome profiling of pancreatitis using recombinant antibody microarrays reveals disease–associated biomarker signatures. Proteomics - Clinical Applications, 2012, 6, 486-496. | 1.6 | 23 |
| 39 | Epitope–specificity of recombinant antibodies reveals promiscuous peptide–binding properties. Protein Science, 2012, 21, 1897-1910. | 7.6 | 21 |
| 40 | Viewpoints in clinical proteomics: When will proteomics deliver clinically useful information?. Proteomics - Clinical Applications, 2012, 6, 343-345. | 1.6 | 9 |
| 41 | Expanded clinical and experimental use of SOX11 - using a monoclonal antibody. BMC Cancer, 2012, 12, 269. | 2.6 | 23 |
| 42 | Design of recombinant antibody microarrays for urinary proteomics. Proteomics - Clinical Applications, 2012, 6, 291-296. | 1.6 | 10 |
| 43 | Knock–down of SOX11 induces autotaxin–dependent increase in proliferation *in vitro* and more aggressive tumors *in vivo*. Molecular Oncology, 2011, 5, 527-537. | 4.6 | 30 |
| 44 | Histamine H4 receptor antagonism inhibits allergen-specific T-cell responses mediated by human dendritic cells. European Journal of Pharmacology, 2011, 651, 197-204. | 3.5 | 20 |
| 45 | Recombinant Antibodies for the Generation of Antibody Arrays. Methods in Molecular Biology, 2011, 785, 247-262. | 0.9 | 32 |
| 46 | A genomic biomarker signature can predict skin sensitizers using a cell-based in vitro alternative to animal tests. BMC Genomics, 2011, 12, 399. | 2.8 | 123 |
| 47 | Design of recombinant antibody microarrays for membrane protein profiling of cell lysates and tissue extracts. Proteomics, 2011, 11, 1550-1554. | 2.2 | 19 |
| 48 | Surrogate antigens as targets for proteome-wide binder selection. New Biotechnology, 2011, 28, 302-311. | 4.4 | 11 |
| 49 | Proteomic Analysis and Discovery Using Affinity Proteomics and Mass Spectrometry. Molecular and Cellular Proteomics, 2011, 10, M110.003962. | 3.8 | 16 |
| 50 | Serum Protein Profiling of Systemic Lupus Erythematosus and Systemic Sclerosis Using Recombinant Antibody Microarrays. Molecular and Cellular Proteomics, 2011, 10, M110.005033. | 3.8 | 63 |
| 51 | Molecular serum portraits in patients with primary breast cancer predict the development of distant metastases. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14252-14257. | 7.1 | 68 |
| 52 | Distribution, cellular localization, and therapeutic potential of the tumor-associated antigen Ku70/80 in glioblastoma multiforme. Journal of Neuro-Oncology, 2010, 97, 207-215. | 2.9 | 9 |
| 53 | Plasma proteome profiling reveals biomarker patterns associated with prognosis and therapy selection in glioblastoma multiforme patients. Proteomics - Clinical Applications, 2010, 4, 591-602. | 1.6 | 45 |
| 54 | Tissue proteome profiling of preeclamptic placenta using recombinant antibody microarrays. Proteomics - Clinical Applications, 2010, 4, 794-807. | 1.6 | 20 |

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| 55 | CD4+ T Cells Have a Key Instructive Role in Educating Dendritic Cells in Allergy. International Archives of Allergy and Immunology, 2009, 149, 1-15. | 2.1 | 7 |
| 56 | Strategy for surveying the proteome using affinity proteomics and mass spectrometry. Proteomics, 2009, 9, 1511-1517. | 2.2 | 81 |
| 57 | Attovial–based antibody nanoarrays. Proteomics, 2009, 9, 5406-5413. | 2.2 | 11 |
| 58 | Design of high-density antibody microarrays for disease proteomics: Key technological issues. Journal of Proteomics, 2009, 72, 928-935. | 2.4 | 135 |
| 59 | Antibody-Based Microarrays. Methods in Molecular Biology, 2009, 509, 57-84. | 0.9 | 65 |
| 60 | Selection and Characterization of Antibodies from Phage Display Libraries Against Internalizing Membrane Antigens. Methods in Molecular Biology, 2009, 480, 113-127. | 0.9 | 5 |
| 61 | Transferring proteomic discoveries into clinical practice. Expert Review of Proteomics, 2009, 6, 11-13. | 3.0 | 28 |
| 62 | Strong lymphoid nuclear expression of SOX11 transcription factor defines lymphoblastic neoplasms, mantle cell lymphoma and Burkitt's lymphoma. Haematologica, 2009, 94, 1563-1568. | 3.5 | 131 |
| 63 | Detection of pancreatic cancer using antibody microarray–based serum protein profiling. Proteomics, 2008, 8, 2211-2219. | 2.2 | 108 |
| 64 | Multiplexed Lipid Dip–Pen Nanolithography on Subcellular Scales for the Templating of Functional Proteins and Cell Culture. Small, 2008, 4, 1785-1793. | 10.0 | 142 |
| 65 | Augmented Phl p 5-specific Th2 response after exposure of dendritic cells to allergen in complex with specific IgE compared to IgG1 and IgG4. Clinical Immunology, 2008, 128, 358-365. | 3.2 | 27 |
| 66 | B cell lymphomas express CX3CR1 a non-B cell lineage adhesion molecule. Cancer Letters, 2008, 259, 138-145. | 7.2 | 22 |
| 67 | Serum proteome profiling of metastatic breast cancer using recombinant antibody microarrays. European Journal of Cancer, 2008, 44, 472-480. | 2.8 | 106 |
| 68 | Design of Recombinant Antibody Microarrays for Cell Surface Membrane Proteomics. Journal of Proteome Research, 2008, 7, 319-327. | 3.7 | 33 |
| 69 | Functionally associated targets in mantle cell lymphoma as defined by DNA microarrays and RNA interference. Blood, 2008, 111, 1617-1624. | 1.4 | 40 |
| 70 | Nuclear expression of the non–B-cell lineage Sox11 transcription factor identifies mantle cell lymphoma. Blood, 2008, 111, 800-805. | 1.4 | 185 |
| 71 | High-throughput proteomics using antibody microarrays: an update. Expert Review of Molecular Diagnostics, 2007, 7, 673-686. | 3.1 | 113 |
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| 73 | Quantitative interpretation of gold nanoparticle-based bioassays designed for detection of immunocomplex formation. Biointerphases, 2007, 2, 6-15. | 1.6 | 19 |
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| 79 | Antibody Microarrays: Current Status and Key Technological Advances. OMICS A Journal of Integrative Biology, 2006, 10, 411-427. | 2.0 | 100 |
| 80 | The Human IgE-encoding Transcriptome to Assess Antibody Repertoires and Repertoire Evolution. Journal of Molecular Biology, 2006, 362, 212-227. | 4.2 | 39 |
| 81 | One-Step Fractionation of Complex Proteomes Enables Detection of Low Abundant Analytes Using Antibody-Based Microarrays. Journal of Proteome Research, 2006, 5, 170-176. | 3.7 | 40 |
| 82 | Improved affinity coupling for antibody microarrays: Engineering of double-(His)6-tagged single framework recombinant antibody fragments. Proteomics, 2006, 6, 4227-4234. | 2.2 | 59 |
| 83 | Functional and transcriptional profiling of MUTZ-3, a myeloid cell line acting as a model for dendritic cells. Immunology, 2006, 117, 156-166. | 4.4 | 76 |
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| 85 | Rapid induction of apoptosis in B-cell lymphoma by functionally isolated human antibodies. International Journal of Cancer, 2006, 119, 349-358. | 5.1 | 23 |
| 86 | The nuclear DNA repair protein Ku70/80 is a tumor-associated antigen displaying rapid receptor mediated endocytosis. International Journal of Cancer, 2006, 119, 2492-2496. | 5.1 | 12 |
| 87 | From Gene Expression Analysis to Tissue Microarrays. Molecular and Cellular Proteomics, 2006, 5, 1072-1081. | 3.8 | 34 |
| 88 | Identification of Protein Expression Signatures Associated with Helicobacter pylori Infection and Gastric Adenocarcinoma Using Recombinant Antibody Microarrays. Molecular and Cellular Proteomics, 2006, 5, 1638-1646. | 3.8 | 92 |
| 89 | Antibody microarray-based oncoproteomics. Expert Opinion on Biological Therapy, 2006, 6, 833-838. | 3.1 | 53 |
| 90 | Transcriptional profiling and assessment of cell lines as in vitro models for mantle cell lymphoma. Leukemia Research, 2005, 29, 205-213. | 0.8 | 17 |

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| 91 | Biocompatibility of surfaces for antibody microarrays: design of macroporous silicon substrates. Analytical Biochemistry, 2005, 341, 204-213. | 2.4 | 73 |
| 92 | Gravimetric antigen detection utilizing antibody-modified lipid bilayers. Analytical Biochemistry, 2005, 345, 72-80. | 2.4 | 37 |
| 93 | Microarrays based on affinity-tagged single-chain Fv antibodies: Sensitive detection of analyte in complex proteomes. Proteomics, 2005, 5, 1281-1291. | 2.2 | 90 |
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| 106 | Mantle cell lymphomas express a distinct genetic signature affecting lymphocyte trafficking and growth regulation as compared with subpopulations of normal human B cells. Cancer Research, 2002, 62, 4398-405. | 0.9 | 92 |
| 107 | A tandem repeat of MUC1 core protein induces a weak in vitro immune response in human B cells. Cancer Immunology, Immunotherapy, 1999, 47, 249-256. | 4.2 | 7 |