

# Guro Fannelb Giske, degård

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,502  
citations

279701

23  
h-index

330025

37  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2467  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Metabolic characterization of triple negative breast cancer. <i>BMC Cancer</i> , 2014, 14, 941.   | 1.1 | 124       |
| 2  | Multivariate Modeling and Prediction of Breast Cancer Prognostic Factors Using MR Metabolomics. <i>Journal of Proteome Research</i> , 2010, 9, 972-979.                               | 1.8 | 116       |
| 3  | Diurnal rhythms in the human urine metabolome during sleep and total sleep deprivation. <i>Scientific Reports</i> , 2015, 5, 14843.   | 1.6 | 110       |
| 4  | Integrative clustering reveals a novel split in the luminal A subtype of breast cancer with impact on outcome. <i>Breast Cancer Research</i> , 2017, 19, 44.                          | 2.2 | 85        |
| 5  | Metabolic markers in blood can separate prostate cancer from benign prostatic hyperplasia. <i>British Journal of Cancer</i> , 2015, 113, 1712-1719.                                   | 2.9 | 82        |
| 6  | Prognostic value of metabolic response in breast cancer patients receiving neoadjuvant chemotherapy. <i>BMC Cancer</i> , 2012, 12, 39.  | 1.1 | 68        |
| 7  | Lactate and glycine—potential MR biomarkers of prognosis in estrogen receptor—positive breast cancers. <i>NMR in Biomedicine</i> , 2012, 25, 1271-1279.                               | 1.6 | 63        |
| 8  | Feasibility of MR Metabolomics for Immediate Analysis of Resection Margins during Breast Cancer Surgery. <i>PLoS ONE</i> , 2013, 8, e61578.   | 1.1 | 62        |
| 9  | Spatial differentiation of metabolism in prostate cancer tissue by MALDI-TOF MSI. <i>Cancer &amp; Metabolism</i> , 2021, 9, 9.  | 2.4 | 62        |
| 10 | Metabolic clusters of breast cancer in relation to gene- and protein expression subtypes. <i>Cancer &amp; Metabolism</i> , 2016, 4, 12.   | 2.4 | 57        |
| 11 | Integrative metabolic and transcriptomic profiling of prostate cancer tissue containing reactive stroma. <i>Scientific Reports</i> , 2018, 8, 14269.                                  | 1.6 | 52        |
| 12 | Alignment of high resolution magic angle spinning magnetic resonance spectra using warping methods. <i>Analytica Chimica Acta</i> , 2010, 683, 1-11.                                  | 2.6 | 48        |
| 13 | The effect of morning vs evening exercise training on glycaemic control and serum metabolites in overweight/obese men: a randomised trial. <i>Diabetologia</i> , 2021, 64, 2061-2076. | 2.9 | 44        |
| 14 | Impact of Freezing Delay Time on Tissue Samples for Metabolomic Studies. <i>Frontiers in Oncology</i> , 2016, 6, 17.  | 1.3 | 40        |
| 15 | Cytokine Patterns in Maternal Serum From First Trimester to Term and Beyond. <i>Frontiers in Immunology</i> , 2021, 12, 752660.   | 2.2 | 40        |
| 16 | Metabolic Portraits of Breast Cancer by HR MAS MR Spectroscopy of Intact Tissue Samples. <i>Metabolites</i> , 2017, 7, 18.  | 1.3 | 35        |
| 17 | Assessing Treatment Response and Prognosis by Serum and Tissue Metabolomics in Breast Cancer Patients. <i>Journal of Proteome Research</i> , 2019, 18, 3649-3660.                     | 1.8 | 35        |
| 18 | Preprocessing of NMR metabolomics data. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015, 75, 193-203.   | 0.6 | 32        |

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|----|--|-----|-----------|
| 19 | Simultaneous Detection of Zinc and Its Pathway Metabolites Using MALDI MS Imaging of Prostate Tissue. <i>Analytical Chemistry</i> , 2020, 92, 3171-3179.   | 3.2 | 32        |
| 20 | Serum cytokine patterns in first half of pregnancy. <i>Cytokine</i> , 2019, 119, 188-196.  | 1.4 | 29        |
| 21 | Acetaminophen cytotoxicity in HepG2 cells is associated with a decoupling of glycolysis from the TCA cycle, loss of NADPH production, and suppression of anabolism. <i>Archives of Toxicology</i> , 2019, 93, 341-353. | 1.9 | 29        |
| 22 | NMR-based metabolomics of biofluids in cancer. <i>NMR in Biomedicine</i> , 2019, 32, e3927.  | 1.6 | 29        |
| 23 | Combined <sup>18</sup> F-Fluciclovine PET/MRI Shows Potential for Detection and Characterization of High-Risk Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2018, 59, 762-768.                                 | 2.8 | 27        |
| 24 | Serum Levels of Choline-Containing Compounds Are Associated with Aerobic Fitness Level: The HUNT-Study. <i>PLoS ONE</i> , 2012, 7, e42330.   | 1.1 | 23        |
| 25 | High-Resolution Magic-Angle-Spinning NMR Spectroscopy of Intact Tissue. <i>Methods in Molecular Biology</i> , 2015, 1277, 37-50.   | 0.4 | 21        |
| 26 | Repeated measures ASCA+ for analysis of longitudinal intervention studies with multivariate outcome data. <i>PLoS Computational Biology</i> , 2021, 17, e1009585.  | 1.5 | 21        |
| 27 | Evaluation of metabolomic changes during neoadjuvant chemotherapy combined with bevacizumab in breast cancer using MR spectroscopy. <i>Metabolomics</i> , 2017, 13, 1.   | 1.4 | 20        |
| 28 | The effect of sampling procedures and day-to-day variations in metabolomics studies of biofluids. <i>Analytica Chimica Acta</i> , 2019, 1081, 93-102.  | 2.6 | 16        |
| 29 | Multivariate analysis of NMR-based metabolomic data. <i>NMR in Biomedicine</i> , 2022, 35, e4638.  | 1.6 | 16        |
| 30 | Metabolite and lipoprotein responses and prediction of weight gain during breast cancer treatment. <i>British Journal of Cancer</i> , 2018, 119, 1144-1154.  | 2.9 | 13        |
| 31 | Serum levels of inflammation-related markers and metabolites predict response to neoadjuvant chemotherapy with and without bevacizumab in breast cancers. <i>International Journal of Cancer</i> , 2020, 146, 223-235. | 2.3 | 13        |
| 32 | An optimized MALDI MSI protocol for spatial detection of tryptic peptides in fresh frozen prostate tissue. <i>Proteomics</i> , 2022, 22, e2100223.   | 1.3 | 13        |
| 33 | Changes in Serum Cytokines Throughout Pregnancy in Women With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 39-52.   | 1.8 | 11        |
| 34 | Prediction of Clinical Endpoints in Breast Cancer Using NMR Metabolic Profiles. <i>Methods in Molecular Biology</i> , 2018, 1711, 167-189.   | 0.4 | 5         |
| 35 | Historical Biobanks in Breast Cancer Metabolomics—Challenges and Opportunities. <i>Metabolites</i> , 2019, 9, 278.   | 1.3 | 5         |
| 36 | Biomarker Discovery Using NMR-Based Metabolomics of Tissue. <i>Methods in Molecular Biology</i> , 2019, 2037, 243-262.   | 0.4 | 5         |

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|----|--|-----|-----------|
| 37 | A comparison of FDG PET/MR and PET/CT for staging, response assessment, and prognostic imaging biomarkers in lymphoma. <i>Annals of Hematology</i> , 2022, 101, 1077-1088.                 | 0.8 | 5         |
| 38 | Prediction of recurrence from metabolites and expression of TOP2A and EZH2 in prostate cancer patients treated with radiotherapy. <i>NMR in Biomedicine</i> , 2023, 36, e4694.             | 1.6 | 4         |
| 39 | Longitudinal Changes in Circulating Metabolites and Lipoproteins After Breast Cancer Treatment. <i>Frontiers in Oncology</i> , 0, 12, .  | 1.3 | 4         |
| 40 | Changes to Intermediary Metabolites in Sporadic and <i>LRRK2</i> Parkinson's Disease Demonstrated by Proton Magnetic Resonance Spectroscopy. <i>Parkinson's Disease</i> , 2015, 2015, 1-9. | 0.6 | 3         |
| 41 | Feasibility of contrast-enhanced MRI derived textural features to predict overall survival in locally advanced breast cancer. <i>Acta Radiologica</i> , 2020, 61, 875-884.                 | 0.5 | 1         |