May-Britt Tessem

List of Publications by Year
in descending order

43 papers	1,724 citations	279798 23 h-index	289244 40 g-index
48 all docs	48 docs citations	48 times ranked	2686 citing authors

#	Article	IF	Citations
1	Prediction of recurrence from metabolites and expression of TOP2A and EZH2 in prostate cancer patients treated with radiotherapy. NMR in Biomedicine, 2023, 36, e4694.	2.8	4
2	An optimized MALDI MSI protocol for spatial detection of tryptic peptides in fresh frozen prostate tissue. Proteomics, 2022, 22, e2100223.	2.2	13
3	A simple preparation protocol for shipping and storage of tissue sections for laser ablation-inductively coupled plasma-mass spectrometry imaging. Metallomics, 2022, 14, .	2.4	4
4	Spatial differentiation of metabolism in prostate cancer tissue by MALDI-TOF MSI. Cancer & Metabolism, 2021, 9, 9.	5.0	62
5	FunHoP: Enhanced Visualization and Analysis of Functionally Homologous Proteins in Complex Metabolic Networks. Genomics, Proteomics and Bioinformatics, 2021, 19, 848-859.	6.9	2
6	Detection of Recurrent Prostate Cancer With 18F-Fluciclovine PET/MRI. Frontiers in Oncology, 2020, 10, 582092.	2.8	9
7	Metabolic alterations in tissues and biofluids of patients with prostate cancer. Current Opinion in Endocrine and Metabolic Research, 2020, 10, 23-28.	1.4	17
8	Simultaneous Detection of Zinc and Its Pathway Metabolites Using MALDI MS Imaging of Prostate Tissue. Analytical Chemistry, 2020, 92, 3171-3179.	6.5	32
9	The effect of sampling procedures and day-to-day variations in metabolomics studies of biofluids. Analytica Chimica Acta, 2019, 1081, 93-102.	5.4	16
10	Simultaneous detection of the cancer biomarkers zinc and citrate in prostate cancer tissue using mass spectrometry imaging. European Urology Supplements, 2019, 18, e3101-e3102.	0.1	0
11	NMRâ€based metabolomics of biofluids in cancer. NMR in Biomedicine, 2019, 32, e3927.	2.8	29
12	Biomarker Discovery Using NMR-Based Metabolomics of Tissue. Methods in Molecular Biology, 2019, 2037, 243-262.	0.9	5
13	18F-Fluciclovine PET/MRI for preoperative lymph node staging in high-risk prostate cancer patients. European Radiology, 2018, 28, 3151-3159.	4.5	59
14	Combined ¹⁸F-Fluciclovine PET/MRI Shows Potential for Detection and Characterization of High-Risk Prostate Cancer. Journal of Nuclear Medicine, 2018, 59, 762-768.	5.0	27
15	Integrative metabolic and transcriptomic profiling of prostate cancer tissue containing reactive stroma. Scientific Reports, 2018, 8, 14269.	3.3	52
16	NMR-Based Prostate Cancer Metabolomics. Methods in Molecular Biology, 2018, 1786, 237-257.	0.9	9
17	Cholesterol synthesis pathway genes in prostate cancer are transcriptionally downregulated when tissue confounding is minimized. BMC Cancer, 2018, 18, 478.	2.6	12
18	SFRP4 gene expression is increased in aggressive prostate cancer. Scientific Reports, 2017, 7, 14276.	3.3	23

#	Article	IF	Citations
19	A PET/MRI study towards finding the optimal [18F]Fluciclovine PET protocol for detection and characterisation of primary prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 695-703.	6.4	25
20	Ex vivo metabolic fingerprinting identifies biomarkers predictive of prostate cancer recurrence following radical prostatectomy. British Journal of Cancer, 2017, 117, 1656-1664.	6.4	35
21	A novel non-canonical Wnt signature for prostate cancer aggressiveness. Oncotarget, 2017, 8, 9572-9586.	1.8	59
22	Tissue Microstructure Is Linked to MRI Parameters and Metabolite Levels in Prostate Cancer. Frontiers in Oncology, 2016, 6, 146.	2.8	10
23	A Balanced Tissue Composition Reveals New Metabolic and Gene Expression Markers in Prostate Cancer. PLoS ONE, 2016, 11, e0153727.	2.5	24
24	Metabolic markers in blood can separate prostate cancer from benign prostatic hyperplasia. British Journal of Cancer, 2015, 113, 1712-1719.	6.4	82
25	Identification of metabolites from 2D 1H-13C HSQC NMR using peak correlation plots. BMC Bioinformatics, 2014, 15, 413.	2.6	22
26	Gene signatures ESC, MYC and ERG-fusion are early markers of a potentially dangerous subtype of prostate cancer. BMC Medical Genomics, 2014, 7, 50.	1.5	16
27	Spatially matched in vivo and ex vivo MR metabolic profiles of prostate cancer â€“ investigation of a correlation with Gleason score. NMR in Biomedicine, 2013, 26, 600-606.	2.8	46
28	Spermine and Citrate as Metabolic Biomarkers for Assessing Prostate Cancer Aggressiveness. PLoS ONE, 2013, 8, e62375.	2.5	146
29	Peripheral Zone Prostate Cancer Localization by Multiparametric Magnetic Resonance at 3 T. Investigative Radiology, 2012, 47, 624-633.	6.2	67
30	Changes in Gene Transcription Underlying the Aberrant Citrate and Choline Metabolism in Human Prostate Cancer Samples. Clinical Cancer Research, 2012, 18, 3261-3269.	7.0	72
31	HR MAS MR Spectroscopy in Metabolic Characterization of Cancer. Current Topics in Medicinal Chemistry, 2011, 11, 2-26.	2.1	86
32	A new method to provide a fresh frozen prostate slice suitable for gene expression study and MR spectroscopy. Prostate, 2011, 71, 461-469.	2.3	39
33	Alignment of high resolution magic angle spinning magnetic resonance spectra using warping methods. Analytica Chimica Acta, 2010, 683, 1-11.	5.4	48
34	Magnetic Resonance Metabolomics of Intact Tissue: A Biotechnological Tool in Cancer Diagnostics and Treatment Evaluation: Figure 1.. Cancer Research, 2010, 70, 6692-6696.	0.9	101
35	Discrimination of Patients with Microsatellite Instability Colon Cancer using 1H HR MAS MR Spectroscopy and Chemometric Analysis. Journal of Proteome Research, 2010, 9, 3664-3670.	3.7	41
36	High-resolution magic angle spinning (HR MAS) MR spectroscopy in metabolic characterization of human cancer. Progress in Nuclear Magnetic Resonance Spectroscopy, 2009, 54, 239-254.	7.5	82

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37	Evaluation of lactate and alanine as metabolic biomarkers of prostate cancer using ¹H HRâ€MAS spectroscopy of biopsy tissues. Magnetic Resonance in Medicine, 2008, 60, 510-516.	3.0	189
38	Effect of UVA and UVB Irradiation on the Metabolic Profile of Rabbit Cornea and Lens Analysed by HR-MAS ¹H NMR Spectroscopy. Ophthalmic Research, 2006, 38, 105-114.	1.9	32
39	Biological Response in Various Compartments of the Rat Lens after In Vivo Exposure to UVR-B Analyzed by HR-MAS1H NMR Spectroscopy. , 2006, 47, 5404.		20
40	Biochemical changes in selenite cataract model measured by high-resolution MAS 1H NMR spectroscopy. Acta Ophthalmologica, 2006, 84, 684-692.	0.3	20
41	The effect of single and repeated UVB radiation on rabbit cornea. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 1680-1687.	1.9	21
42	Effect of UV-A and UV-B Irradiation on the Metabolic Profile of Aqueous Humor in Rabbits Analyzed by 1H NMR Spectroscopy. Investigative Ophthalmology and Visual Science, 2005, 46, 776-781.	3.3	37
43	Presence of TMPRSS2-ERG is associated with alterations of the metabolic profile in human prostate cancer. Oncotarget, 0, 7, 42071-42085.	1.8	28