

Tone F Bathen

List of Publications by Year in descending order

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Version: 2024-02-01

140
papers

4,574
citations

87888

38
h-index

128289

60
g-index

145
all docs

145
docs citations

145
times ranked

6431
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.8	4
2	Associations of lipoprotein particle profile and objectively measured physical activity and sedentary time in schoolchildren: a prospective cohort study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022, 19, 5.	4.6	2
3	Atherogenic lipidomics profile in healthy individuals with low cardiorespiratory fitness: The HUNT3 fitness study. <i>Atherosclerosis</i> , 2022, 343, 51-57.	0.8	12
4	Pseudo-T2 mapping for normalization of T2-weighted prostate MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 573-585.	2.0	3
5	An optimized MALDI MSI protocol for spatial detection of tryptic peptides in fresh frozen prostate tissue. <i>Proteomics</i> , 2022, 22, e2100223.	2.2	13
6	Effects of echo time on IVIM quantifications of locally advanced breast cancer in clinical diffusion-weighted MRI at 3T. <i>NMR in Biomedicine</i> , 2022, 35, e4654.	2.8	3
7	Characterization of the diffusion signal of breast tissues using multi-exponential models. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1938-1951.	3.0	8
8	Reducing prostate biopsies and magnetic resonance imaging with prostate cancer risk stratification. <i>BJUI Compass</i> , 2022, 3, 344-353.	1.3	4
9	Evaluating the Impact of High Intensity Interval Training on Axial Psoriatic Arthritis Based on MR Images. <i>Diagnostics</i> , 2022, 12, 1420.	2.6	3
10	Discrimination of Breast Cancer from Healthy Breast Tissue Using a Three-component Diffusion-weighted MRI Model. <i>Clinical Cancer Research</i> , 2021, 27, 1094-1104.	7.0	15
11	Automated reference tissue normalization of T2-weighted MR images of the prostate using object recognition. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 309-321.	2.0	18
12	Spatial differentiation of metabolism in prostate cancer tissue by MALDI-TOF MSI. <i>Cancer & Metabolism</i> , 2021, 9, 9.	5.0	62
13	Cross-sectional and prospective associations between aerobic fitness and lipoprotein particle profile in a cohort of Norwegian schoolchildren. <i>Atherosclerosis</i> , 2021, 321, 21-29.	0.8	4
14	Understanding diffusion-weighted MRI analysis: Repeatability and performance of diffusion models in a benign breast lesion cohort. <i>NMR in Biomedicine</i> , 2021, 34, e4508.	2.8	2
15	Editorial for "MRI Radiomics-Based Machine Learning for Predict of Clinically Significant Prostate Cancer in Equivocal PI-RADS 3 Lesions". <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1474-1475.	3.4	1
16	Exploring the diagnostic potential of adding T2 dependence in diffusion-weighted MR imaging of the prostate. <i>PLoS ONE</i> , 2021, 16, e0252387.	2.5	4
17	The Reproducibility of Deep Learning-Based Segmentation of the Prostate Gland and Zones on T2-Weighted MR Images. <i>Diagnostics</i> , 2021, 11, 1690.	2.6	12
18	Classification and biomarker identification of prostate tissue from TRAMP mice with hyperpolarized ¹³ C-SIRA. <i>Talanta</i> , 2021, 235, 122812.	5.5	11

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19	Utility of T2-weighted MRI texture analysis in assessment of peripheral zone prostate cancer aggressiveness: a single-arm, multicenter study. <i>Scientific Reports</i> , 2021, 11, 2085.	3.3	11
20	Multiparametric Prostate MRI in Biopsy-Negative Men: A Prospective Evaluation of Performance and Biopsy Strategies. <i>Frontiers in Oncology</i> , 2021, 11, 745657.	2.8	6
21	Semi-automatic segmentation from intrinsically-registered 18F-FDG PET/MRI for treatment response assessment in a breast cancer cohort: comparison to manual DCE-MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 317-328.	2.0	7
22	Effect of exercise training on cardiac metabolism in rats with heart failure. <i>Scandinavian Cardiovascular Journal</i> , 2020, 54, 84-91.	1.2	11
23	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.	5.1	13
24	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.	1.1	1
25	Stromal Collagen Content in Breast Tumors Correlates With In Vivo Diffusion-Weighted Imaging: A Comparison of Multi-Value DWI With Histologic Specimen From Benign and Malignant Breast Lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1868-1878.	3.4	16
26	Relative Enhanced Diffusivity in Prostate Cancer: Protocol Optimization and Diagnostic Potential. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1900-1910.	3.4	1
27	A Quality Control System for Automated Prostate Segmentation on T2-Weighted MRI. <i>Diagnostics</i> , 2020, 10, 714.	2.6	21
28	Detection of Recurrent Prostate Cancer With 18F-Fluciclovine PET/MRI. <i>Frontiers in Oncology</i> , 2020, 10, 582092.	2.8	9
29	Simultaneous Detection of Zinc and Its Pathway Metabolites Using MALDI MS Imaging of Prostate Tissue. <i>Analytical Chemistry</i> , 2020, 92, 3171-3179.	6.5	32
30	Modeling the diffusion-weighted imaging signal for breast lesions in the $b = 200$ to 3000 s/mm^2 range: quality of fit and classification accuracy for different representations. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1011-1023.	3.0	16
31	The effect of sampling procedures and day-to-day variations in metabolomics studies of biofluids. <i>Analytica Chimica Acta</i> , 2019, 1081, 93-102.	5.4	16
32	Assessing Treatment Response and Prognosis by Serum and Tissue Metabolomics in Breast Cancer Patients. <i>Journal of Proteome Research</i> , 2019, 18, 3649-3660.	3.7	35
33	Prostate-Specific Membrane Antigen PET/Magnetic Resonance Imaging for the Planning of Salvage Radiotherapy in Patients with Prostate Cancer with Biochemical Recurrence After Radical Prostatectomy. <i>PET Clinics</i> , 2019, 14, 487-498.	3.0	2
34	Effect of Repeated Freeze-Thaw Cycles on NMR-Measured Lipoproteins and Metabolites in Biofluids. <i>Journal of Proteome Research</i> , 2019, 18, 3681-3688.	3.7	14
35	Metabolomics Identifies Placental Dysfunction and Confirms Flt-1 (FMS-Like Tyrosine Kinase Receptor 1) Biomarker Specificity. <i>Hypertension</i> , 2019, 74, 1136-1143.	2.7	14
36	Hyperoxia affects the lung tissue: A porcine histopathological and metabolite study using five hours of apneic oxygenation. <i>Metabolism Open</i> , 2019, 4, 100018.	2.9	6

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37	Associations of physical activity and sedentary time with lipoprotein subclasses in Norwegian schoolchildren: The Active Smarter Kids (ASK) study. <i>Atherosclerosis</i> , 2019, 288, 186-193.	0.8	8
38	Accuracy of breast cancer lesion classification using intravoxel incoherent motion diffusion-weighted imaging is improved by the inclusion of global or local prior knowledge with bayesian methods. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1478-1488.	3.4	18
39	The Effect of Exercise Training on Myocardial and Skeletal Muscle Metabolism by MR Spectroscopy in Rats with Heart Failure. <i>Metabolites</i> , 2019, 9, 53.	2.9	7
40	Breast cancer quantitative proteome and proteogenomic landscape. <i>Nature Communications</i> , 2019, 10, 1600.	12.8	152
41	Historical Biobanks in Breast Cancer Metabolomics—Challenges and Opportunities. <i>Metabolites</i> , 2019, 9, 278.	2.9	5
42	Metabolic consequences of perioperative oral carbohydrates in breast cancer patients – an explorative study. <i>BMC Cancer</i> , 2019, 19, 1183.	2.6	9
43	Markers of Mitochondrial Metabolism in Tumor Hypoxia, Systemic Inflammation, and Adverse Outcome of Rectal Cancer. <i>Translational Oncology</i> , 2019, 12, 76-83.	3.7	16
44	NMR-based metabolomics of biofluids in cancer. <i>NMR in Biomedicine</i> , 2019, 32, e3927.	2.8	29
45	R2* Relaxation Affects Pharmacokinetic Analysis of Dynamic Contrast-Enhanced MRI in Cancer and Underestimates Treatment Response at 7 T. <i>Tomography</i> , 2019, 5, 308-319.	1.8	4
46	Biomarker Discovery Using NMR-Based Metabolomics of Tissue. <i>Methods in Molecular Biology</i> , 2019, 2037, 243-262.	0.9	5
47	Prediction of Clinical Endpoints in Breast Cancer Using NMR Metabolic Profiles. <i>Methods in Molecular Biology</i> , 2018, 1711, 167-189.	0.9	5
48	¹⁸ F-Fluciclovine PET/MRI for preoperative lymph node staging in high-risk prostate cancer patients. <i>European Radiology</i> , 2018, 28, 3151-3159.	4.5	59
49	Support vector machine for breast cancer classification using diffusion-weighted MRI histogram features: Preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1205-1216.	3.4	58
50	Combined ¹⁸ 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.	5.0	27
51	Geometric distortion correction in prostate diffusion-weighted MRI and its effect on quantitative apparent diffusion coefficient analysis. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2524-2532.	3.0	11
52	In Vivo MR spectroscopy predicts high tumor grade in endometrial cancer. <i>Acta Radiologica</i> , 2018, 59, 497-505.	1.1	7
53	Multiparametric characterization of response to anti-angiogenic therapy using USPIO contrast-enhanced MRI in combination with dynamic contrast-enhanced MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1589-1600.	3.4	11
54	Relative enhanced diffusivity: noise sensitivity, protocol optimization, and the relation to intravoxel incoherent motion. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 425-438.	2.0	11

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55	Metabolite and lipoprotein responses and prediction of weight gain during breast cancer treatment. <i>British Journal of Cancer</i> , 2018, 119, 1144-1154.	6.4	13
56	Skeletal muscle metabolism in rats with low and high intrinsic aerobic capacity: Effect of aging and exercise training. <i>PLoS ONE</i> , 2018, 13, e0208703.	2.5	6
57	Simultaneous ¹⁸ F-fluciclovine Positron Emission Tomography and Magnetic Resonance Spectroscopic Imaging of Prostate Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 516.	2.8	4
58	Integrative metabolic and transcriptomic profiling of prostate cancer tissue containing reactive stroma. <i>Scientific Reports</i> , 2018, 8, 14269.	3.3	52
59	NMR-Based Prostate Cancer Metabolomics. <i>Methods in Molecular Biology</i> , 2018, 1786, 237-257.	0.9	9
60	Cholesterol synthesis pathway genes in prostate cancer are transcriptionally downregulated when tissue confounding is minimized. <i>BMC Cancer</i> , 2018, 18, 478.	2.6	12
61	The Effect of Including Bone in Dixon-Based Attenuation Correction for ¹⁸ F-Fluciclovine PET/MRI of Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1913-1917.	5.0	14
62	APIM-peptide targeting PCNA improves the efficacy of docetaxel treatment in the TRAMP mouse model of prostate cancer. <i>Oncotarget</i> , 2018, 9, 11752-11766.	1.8	33
63	Three-dimensional MR spectroscopic imaging using adiabatic spin echo and hypergeometric dual-band suppression for metabolic mapping over the entire brain. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 490-497.	3.0	18
64	Evaluation of metabolomic changes during neoadjuvant chemotherapy combined with bevacizumab in breast cancer using MR spectroscopy. <i>Metabolomics</i> , 2017, 13, 1.	3.0	20
65	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.	5.0	85
66	Metabolic Response to Everolimus in Patient-Derived Triple-Negative Breast Cancer Xenografts. <i>Journal of Proteome Research</i> , 2017, 16, 1868-1879.	3.7	17
67	Stimulated echo diffusion tensor imaging (STEAM-DTI) with varying diffusion times as a probe of breast tissue. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, spcone-spcone.	3.4	0
68	T2-weighted MRI-derived textural features reflect prostate cancer aggressiveness: preliminary results. <i>European Radiology</i> , 2017, 27, 3050-3059.	4.5	116
69	SFRP4 gene expression is increased in aggressive prostate cancer. <i>Scientific Reports</i> , 2017, 7, 14276.	3.3	23
70	MR-Derived Biomarkers for Cancer Characterization. , 2017, , 409-431.		0
71	A PET/MRI study towards finding the optimal [¹⁸ F]Fluciclovine PET protocol for detection and characterisation of primary prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 695-703.	6.4	25
72	Stimulated echo diffusion tensor imaging (STEAM-DTI) with varying diffusion times as a probe of breast tissue. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 84-93.	3.4	30

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73	Metabolic Portraits of Breast Cancer by HR MAS MR Spectroscopy of Intact Tissue Samples. <i>Metabolites</i> , 2017, 7, 18.	2.9	35
74	Non-Invasive Prostate Cancer Characterization with Diffusion-Weighted MRI: Insight from In silico Studies of a Transgenic Mouse Model. <i>Frontiers in Oncology</i> , 2017, 7, 290.	2.8	7
75	Ex vivo metabolic fingerprinting identifies biomarkers predictive of prostate cancer recurrence following radical prostatectomy. <i>British Journal of Cancer</i> , 2017, 117, 1656-1664.	6.4	35
76	A novel non-canonical Wnt signature for prostate cancer aggressiveness. <i>Oncotarget</i> , 2017, 8, 9572-9586.	1.8	59
77	Impact of Freezing Delay Time on Tissue Samples for Metabolomic Studies. <i>Frontiers in Oncology</i> , 2016, 6, 17.	2.8	40
78	Tissue Microstructure Is Linked to MRI Parameters and Metabolite Levels in Prostate Cancer. <i>Frontiers in Oncology</i> , 2016, 6, 146.	2.8	10
79	A Balanced Tissue Composition Reveals New Metabolic and Gene Expression Markers in Prostate Cancer. <i>PLoS ONE</i> , 2016, 11, e0153727.	2.5	24
80	Diffusion weighted imaging for the differentiation of breast tumors: From apparent diffusion coefficient to high order diffusion tensor imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1111-1121.	3.4	27
81	A Simplified Approach to Measure the Effect of the Microvasculature in Diffusion-weighted MR Imaging Applied to Breast Tumors: Preliminary Results. <i>Radiology</i> , 2016, 281, 373-381.	7.3	29
82	Estrogen Receptor β Promotes Breast Cancer by Reprogramming Choline Metabolism. <i>Cancer Research</i> , 2016, 76, 5634-5646.	0.9	45
83	Targeting choline phospholipid metabolism: GDPD5 and GDPD6 silencing decrease breast cancer cell proliferation, migration, and invasion. <i>NMR in Biomedicine</i> , 2016, 29, 1098-1107.	2.8	36
84	Metabolic clusters of breast cancer in relation to gene- and protein expression subtypes. <i>Cancer & Metabolism</i> , 2016, 4, 12.	5.0	57
85	Diffusion-weighted MRI for early detection and characterization of prostate cancer in the transgenic adenocarcinoma of the mouse prostate model. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1207-1217.	3.4	15
86	High tumor glycine concentration is an adverse prognostic factor in locally advanced rectal cancer. <i>Radiotherapy and Oncology</i> , 2016, 118, 393-398.	0.6	24
87	Lipoprotein subfractions by nuclear magnetic resonance are associated with tumor characteristics in breast cancer. <i>Lipids in Health and Disease</i> , 2016, 15, 56.	3.0	37
88	Identification of Metastasis-Associated Metabolic Profiles of Tumors by 1H-HR-MAS-MRS. <i>Neoplasia</i> , 2015, 17, 767-775.	5.3	6
89	Inhomogeneous static magnetic field-induced distortion correction applied to diffusion weighted MRI of the breast at 3T. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1138-1144.	3.0	41
90	First Trimester Urine and Serum Metabolomics for Prediction of Preeclampsia and Gestational Hypertension: A Prospective Screening Study. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21520-21538.	4.1	55

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91	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.	1.1	3
92	Increased levels of choline metabolites are an early marker of docetaxel treatment response in BRCA1-mutated mouse mammary tumors: an assessment by ex vivo proton magnetic resonance spectroscopy. <i>Journal of Translational Medicine</i> , 2015, 13, 114.	4.4	17
93	Metabolic markers in blood can separate prostate cancer from benign prostatic hyperplasia. <i>British Journal of Cancer</i> , 2015, 113, 1712-1719.	6.4	82
94	Distinct First Trimester Cytokine Profiles for Gestational Hypertension and Preeclampsia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2478-2485.	2.4	36
95	In Vivo ³¹ P magnetic resonance spectroscopic imaging (MRSI) for metabolic profiling of human breast cancer xenografts. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 601-609.	3.4	10
96	Metabolic profiles of placenta in preeclampsia using HR-MAS MRS metabolomics. <i>Placenta</i> , 2015, 36, 1455-1462.	1.5	53
97	High-Resolution Magic-Angle-Spinning NMR Spectroscopy of Intact Tissue. <i>Methods in Molecular Biology</i> , 2015, 1277, 37-50.	0.9	21
98	Metabolomic Biomarkers in Serum and Urine in Women with Preeclampsia. <i>PLoS ONE</i> , 2014, 9, e91923.	2.5	54
99	IDH1 R132H Mutation Generates a Distinct Phospholipid Metabolite Profile in Glioma. <i>Cancer Research</i> , 2014, 74, 4898-4907.	0.9	78
100	Quantitative ³¹ P HR-MAS MR spectroscopy for detection of response to PI3K/mTOR inhibition in breast cancer xenografts. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1973-1981.	3.0	18
101	Metabolic characterization of triple negative breast cancer. <i>BMC Cancer</i> , 2014, 14, 941.	2.6	124
102	Identification of metabolites from 2D 1H-13C HSQC NMR using peak correlation plots. <i>BMC Bioinformatics</i> , 2014, 15, 413.	2.6	22
103	Gene signatures ESC, MYC and ERG-fusion are early markers of a potentially dangerous subtype of prostate cancer. <i>BMC Medical Genomics</i> , 2014, 7, 50.	1.5	16
104	Interplay of choline metabolites and genes in patient-derived breast cancer xenografts. <i>Breast Cancer Research</i> , 2014, 16, R5.	5.0	45
105	2-Hydroxyglutarate as a Magnetic Resonance Biomarker for Glioma Subtyping. <i>Translational Oncology</i> , 2013, 6, 92-98.	3.7	27
106	Metabolic changes in psoriatic skin under topical corticosteroid treatment. <i>BMC Dermatology</i> , 2013, 13, 8.	2.1	40
107	Metabolic Profiles of Brain Metastases. <i>International Journal of Molecular Sciences</i> , 2013, 14, 2104-2118.	4.1	24
108	Differentiating Diffuse World Health Organization Grade II and IV Astrocytomas With Ex Vivo Magnetic Resonance Spectroscopy. <i>Neurosurgery</i> , 2013, 72, 186-195.	1.1	19

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109	Feasibility of MR Metabolomics for Immediate Analysis of Resection Margins during Breast Cancer Surgery. <i>PLoS ONE</i> , 2013, 8, e61578.	2.5	62
110	Spermine and Citrate as Metabolic Biomarkers for Assessing Prostate Cancer Aggressiveness. <i>PLoS ONE</i> , 2013, 8, e62375.	2.5	146
111	Serum Levels of Choline-Containing Compounds Are Associated with Aerobic Fitness Level: The HUNT-Study. <i>PLoS ONE</i> , 2012, 7, e42330.	2.5	23
112	Prognostic value of metabolic response in breast cancer patients receiving neoadjuvant chemotherapy. <i>BMC Cancer</i> , 2012, 12, 39.	2.6	68
113	Predicting long-term survival and treatment response in breast cancer patients receiving neoadjuvant chemotherapy by MR metabolic profiling. <i>NMR in Biomedicine</i> , 2012, 25, 369-378.	2.8	81
114	Lactate and glycine potential MR biomarkers of prognosis in estrogen receptor-positive breast cancers. <i>NMR in Biomedicine</i> , 2012, 25, 1271-1279.	2.8	63
115	HR MAS MR Spectroscopy in Metabolic Characterization of Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2-26.	2.1	86
116	In vivo MRS of locally advanced breast cancer: characteristics related to negative or positive choline detection and early monitoring of treatment response. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2011, 24, 347-357.	2.0	27
117	Merging transcriptomics and metabolomics - advances in breast cancer profiling. <i>BMC Cancer</i> , 2010, 10, 628.	2.6	101
118	Assessment of early docetaxel response in an experimental model of human breast cancer using DCE-MRI, <i>ex vivo</i> HR MAS, and <i>in vivo</i> ¹ H MRS. <i>NMR in Biomedicine</i> , 2010, 23, 56-65.	2.8	40
119	Quantification of metabolites in breast cancer patients with different clinical prognosis using HR MAS MR spectroscopy. <i>NMR in Biomedicine</i> , 2010, 23, 424-431.	2.8	114
120	Alignment of high resolution magic angle spinning magnetic resonance spectra using warping methods. <i>Analytica Chimica Acta</i> , 2010, 683, 1-11.	5.4	48
121	Prognostic value of pretreatment dynamic contrast-enhanced MR imaging in breast cancer patients receiving neoadjuvant chemotherapy: Overall survival predicted from combined time course and volume analysis. <i>Acta Radiologica</i> , 2010, 51, 604-612.	1.1	29
122	Magnetic Resonance Metabolomics of Intact Tissue: A Biotechnological Tool in Cancer Diagnostics and Treatment Evaluation: Figure 1.. <i>Cancer Research</i> , 2010, 70, 6692-6696.	0.9	101
123	Discrimination of Patients with Microsatellite Instability Colon Cancer using ¹ H HR MAS MR Spectroscopy and Chemometric Analysis. <i>Journal of Proteome Research</i> , 2010, 9, 3664-3670.	3.7	41
124	Multivariate Modeling and Prediction of Breast Cancer Prognostic Factors Using MR Metabolomics. <i>Journal of Proteome Research</i> , 2010, 9, 972-979.	3.7	116
125	Combining clinical assessment scores and in vivo MR spectroscopy neurometabolites in very low birth weight adolescents. <i>Artificial Intelligence in Medicine</i> , 2009, 47, 135-146.	6.5	1
126	High-resolution magic angle spinning (HR MAS) MR spectroscopy in metabolic characterization of human cancer. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2009, 54, 239-254.	7.5	82

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127	Characterization of brain metastases using high-resolution magic angle spinning MRS. <i>NMR in Biomedicine</i> , 2008, 21, 175-185.	2.8	38
128	Principal component analysis for the comparison of metabolic profiles from human rectal cancer biopsies and colorectal xenografts using high-resolution magic angle spinning ¹ H magnetic resonance spectroscopy. <i>Molecular Cancer</i> , 2008, 7, 33.	19.2	42
129	Omega-3 fatty acids suppress growth of SW620 human colon cancer xenografts in nude mice. <i>Anticancer Research</i> , 2008, 28, 3717-23.	1.1	27
130	Metabolic mapping by use of high-resolution magic angle spinning ¹ H MR spectroscopy for assessment of apoptosis in cervical carcinomas. <i>BMC Cancer</i> , 2007, 7, 11.	2.6	58
131	Metabolic profiling of human brain metastases using in vivo proton MR spectroscopy at 3T. <i>BMC Cancer</i> , 2007, 7, 141.	2.6	27
132	MR-determined metabolic phenotype of breast cancer in prediction of lymphatic spread, grade, and hormone status. <i>Breast Cancer Research and Treatment</i> , 2007, 104, 181-189.	2.5	126
133	Cerebral metabolite differences in adolescents with low birth weight: assessment with in vivo proton MR spectroscopy. <i>Pediatric Radiology</i> , 2006, 36, 802-809.	2.0	12
134	Comparison of HR MAS MR spectroscopic profiles of breast cancer tissue with clinical parameters. <i>NMR in Biomedicine</i> , 2006, 19, 30-40.	2.8	196
135	Effect of UV-A and UV-B Irradiation on the Metabolic Profile of Aqueous Humor in Rabbits Analyzed by ¹ H NMR Spectroscopy. <i>Investigative Ophthalmology and Visual Science</i> , 2005, 46, 776-781.	3.3	37
136	Cervical cancer tissue characterized by high-resolution magic angle spinning MR spectroscopy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2004, 16, 174-181.	2.0	73
137	High-resolution magic angle spinning and ¹ H magnetic resonance spectroscopy reveal significantly altered neuronal metabolite profiles in CLN1 but not in CLN3. <i>Journal of Neuroscience Research</i> , 2004, 77, 762-769.	2.9	21
138	Quantification of plasma lipids and apolipoproteins by use of proton NMR spectroscopy, multivariate and neural network analysis. <i>NMR in Biomedicine</i> , 2000, 13, 271-288.	2.8	47
139	Presence of TMPRSS2-ERG is associated with alterations of the metabolic profile in human prostate cancer. <i>Oncotarget</i> , 0, 7, 42071-42085.	1.8	28
140	Longitudinal Changes in Circulating Metabolites and Lipoproteins After Breast Cancer Treatment. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	4