

Dongryeol Ryu

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

11,583
citations

46918

47
h-index

30010

103
g-index

149
all docs

149
docs citations

149
times ranked

16588
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-printing of aligned GelMa-based cell-laden structure for muscle tissue regeneration. <i>Bioactive Materials</i> , 2022, 8, 57-70.	8.6	48
2	Growth differentiation factor-15 prevents glucotoxicity and connexin-36 downregulation in pancreatic beta-cells. <i>Molecular and Cellular Endocrinology</i> , 2022, 541, 111503.	1.6	9
3	A Microfluidic Device to Fabricate One-Step Cell Bead-Laden Hydrogel Struts for Tissue Engineering. <i>Small</i> , 2022, 18, e2106487.	5.2	21
4	Introducing long-term trends into subseasonal temperature forecasts through trend-aware postprocessing. <i>International Journal of Climatology</i> , 2022, 42, 4972-4988.	1.5	6
5	PRMT7 ablation in cardiomyocytes causes cardiac hypertrophy and fibrosis through β -catenin dysregulation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 99.	2.4	11
6	A Microfluidic Device to Fabricate One-Step Cell Bead-Laden Hydrogel Struts for Tissue Engineering (Small 1/2022). <i>Small</i> , 2022, 18, .	5.2	0
7	GCN5 maintains muscle integrity by acetylating YY1 to promote dystrophin expression. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	8
8	The Pellino-1-PKC δ Signaling Axis Is an Essential Target for Improving Antitumor CD8+ T-lymphocyte Function. <i>Cancer Immunology Research</i> , 2022, 10, 327-342.	1.6	8
9	Enhancing the Accuracy and Temporal Transferability of Irrigated Cropping Field Classification Using Optical Remote Sensing Imagery. <i>Remote Sensing</i> , 2022, 14, 997.	1.8	3
10	Cerebellar dysfunction and schizophrenia-like behavior in Ebp1-deficient mice. <i>Molecular Psychiatry</i> , 2022, 27, 2030-2041.	4.1	2
11	Skeletal muscle mitochondrial defects are linked to low bone mass caused by bone marrow inflammation in male mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1785-1799.	2.9	10
12	Parsimonious Gap-Filling Models for Sub-Daily Actual Evapotranspiration Observations from Eddy-Covariance Systems. <i>Remote Sensing</i> , 2022, 14, 1286.	1.8	0
13	Targeted Chemotherapy Based on Amplifying the Reactive Oxygen Species of Doxorubicin-Loaded Polyaspartamide-Encapsulated Iron Oxide Nanoparticles. <i>ACS Applied Nano Materials</i> , 2022, 5, 7619-7631.	2.4	2
14	Plasma Metabolomics and Machine Learning-Driven Novel Diagnostic Signature for Non-Alcoholic Steatohepatitis. <i>Biomedicines</i> , 2022, 10, 1669.	1.4	9
15	Mitochondrial insufficiency in β cells is associated with type 2 diabetes-like islet failure. <i>Experimental and Molecular Medicine</i> , 2022, 54, 932-945.	3.2	6
16	Quantifying the contribution of biophysical and environmental factors in uncertainty of modeling canopy conductance. <i>Journal of Hydrology</i> , 2021, 592, 125612.	2.3	3
17	Towards an ensemble-based short-term flood forecasting using an event-based flood model-incorporating catchment-average estimates of soil moisture. <i>Journal of Hydrology</i> , 2021, 593, 125828.	2.3	9
18	Improving the representation of cropland sites in the Community Land Model (CLM) version 5.0. <i>Geoscientific Model Development</i> , 2021, 14, 573-601.	1.3	18

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19	The Oral Administration of Sanguisorba officinalis Extract Improves Physical Performance through LDHA Modulation. <i>Molecules</i> , 2021, 26, 1579.	1.7	5
20	SIRT7 modulates the stability and activity of the renal K ⁺ Cl ⁻ cotransporter KCC4 through deacetylation. <i>EMBO Reports</i> , 2021, 22, e50766.	2.0	11
21	Paeoniflorin Enhances Endometrial Receptivity through Leukemia Inhibitory Factor. <i>Biomolecules</i> , 2021, 11, 439.	1.8	14
22	Mapping Very-High-Resolution Evapotranspiration from Unmanned Aerial Vehicle (UAV) Imagery. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 211.	1.4	12
23	A Bayesian approach to understanding the key factors influencing temporal variability in stream water quality – a case study in the Great Barrier Reef catchments. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 2663-2683.	1.9	15
24	Targeting Lactate Dehydrogenase A with Catechin Resensitizes SNU620/5FU Gastric Cancer Cells to 5-Fluorouracil. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5406.	1.8	24
25	Effects of human collagen I±-1 type I-derived proteins on collagen synthesis and elastin production in human dermal fibroblasts. <i>BMB Reports</i> , 2021, 54, 329-334.	1.1	12
26	Dependence of CWSI-Based Plant Water Stress Estimation with Diurnal Acquisition Times in a Nectarine Orchard. <i>Remote Sensing</i> , 2021, 13, 2775.	1.8	11
27	Autophagic defects observed in fibroblasts from a patient with I±-propeller protein-associated neurodegeneration. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 3866-3871.	0.7	4
28	Using Remote Sensing Techniques to Improve Hydrological Predictions in a Rapidly Changing World. <i>Remote Sensing</i> , 2021, 13, 3865.	1.8	2
29	A multi-model approach to assessing the impacts of catchment characteristics on spatial water quality in the Great Barrier Reef catchments. <i>Environmental Pollution</i> , 2021, 288, 117337.	3.7	16
30	Artificial Intelligence-Driven discovery of prognostic biomarker for sarcopenia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 2220-2230.	2.9	11
31	Inducible Prmt1 ablation in adult vascular smooth muscle leads to contractile dysfunction and aortic dissection. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1569-1579.	3.2	13
32	Inhibiting serotonin signaling through HTR2B in visceral adipose tissue improves obesity-related insulin resistance. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	16
33	A New Drought Index for Soil Moisture Monitoring Based on MPDI-NDVI Trapezoid Space Using MODIS Data. <i>Remote Sensing</i> , 2021, 13, 122.	1.8	19
34	Modeling Vegetation Water Stress over the Forest from Space: Temperature Vegetation Water Stress Index (TVWSI). <i>Remote Sensing</i> , 2021, 13, 4635.	1.8	4
35	Drug evaluation based on phosphomimetic PDHA1 reveals the complexity of activity-related cell death in A549 non-small cell lung cancer cells. <i>BMB Reports</i> , 2021, 54, 563-568.	1.1	7
36	Drug evaluation based on phosphomimetic PDHA1 reveals the complexity of activity-related cell death in A549 non-small cell lung cancer cells. <i>BMB Reports</i> , 2021, 54, 563-568.	1.1	1

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37	Comparative Transcriptome Profiling of Young and Old Brown Adipose Tissue Thermogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13143.	1.8	8
38	Topical Application of Galgeunhwanggeumhwangryeon-Tang Recovers Skin-Lipid Barrier and Ameliorates Inflammation via Filaggrin-Thymic Stromal Lymphopoietin-Interleukin 4 Pathway. <i>Medicina (Lithuania)</i> , 2021, 57, 1387.	0.8	3
39	Macrophage NCOR1 protects from atherosclerosis by repressing a pro-atherogenic PPAR α signature. <i>European Heart Journal</i> , 2020, 41, 995-1005.	1.0	56
40	Macrophage Stimulated by Low Ambient Temperature Hasten Tumor Growth via Glutamine Production. <i>Biomedicines</i> , 2020, 8, 381.	1.4	3
41	Growth differentiation factor 15 protects against the aging α -mediated systemic inflammatory response in humans and mice. <i>Aging Cell</i> , 2020, 19, e13195.	3.0	64
42	ZNF746/PARIS overexpression induces cellular senescence through FoxO1/p21 axis activation in myoblasts. <i>Cell Death and Disease</i> , 2020, 11, 359.	2.7	14
43	Implications of NAD ⁺ boosters in translational medicine. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13334.	1.7	20
44	Indoprofen prevents muscle wasting in aged mice through activation of PDK1/AKT pathway. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1070-1088.	2.9	26
45	Satellite cell α -specific ablation of <i>Cdon</i> impairs integrin activation, FGF signalling, and muscle regeneration. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1089-1103.	2.9	24
46	Investigation into sustainable water use in India using combined large-scale earth system-based modelling and census-based statistical data. <i>Journal of Hydrology</i> , 2020, 587, 124930.	2.3	7
47	A data-based predictive model for spatiotemporal variability in stream water quality. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 827-847.	1.9	26
48	Many Commonly Used Rainfall α -Runoff Models Lack Long, Slow Dynamics: Implications for Runoff Projections. <i>Water Resources Research</i> , 2020, 56, e2019WR025286.	1.7	54
49	Sarcopenia and Muscle Aging: A Brief Overview. <i>Endocrinology and Metabolism</i> , 2020, 35, 716-732.	1.3	84
50	Mitochondrial Quality Control in the Heart: New Drug Targets for Cardiovascular Disease. <i>Korean Circulation Journal</i> , 2020, 50, 395.	0.7	21
51	The mitophagy activator urolithin A is safe and induces a molecular signature of improved mitochondrial and cellular health in humans. <i>Nature Metabolism</i> , 2019, 1, 595-603.	5.1	302
52	A Laboratory Study on Non-Invasive Soil Water Content Estimation Using Capacitive Based Sensors. <i>Sensors</i> , 2019, 19, 651.	2.1	6
53	The NAD-Booster Nicotinamide Riboside Potently Stimulates Hematopoiesis through Increased Mitochondrial Clearance. <i>Cell Stem Cell</i> , 2019, 24, 405-418.e7.	5.2	143
54	Visible and Near-Infrared Reflectance Spectroscopy Analysis of a Coastal Soil Chronosequence. <i>Remote Sensing</i> , 2019, 11, 2336.	1.8	11

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55	Comparisons of cancer-associated fibroblasts in the intratumoral stroma and invasive front in colorectal cancer. <i>Medicine (United States)</i> , 2019, 98, e15164.	0.4	50
56	Roles of ErbB3-binding protein 1 (EBP1) in embryonic development and gene-silencing control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24852-24860.	3.3	7
57	Cancer-Associated Fibroblasts and Desmoplastic Reactions Related to Cancer Invasiveness in Patients With Colorectal Cancer. <i>Annals of Coloproctology</i> , 2019, 35, 36-46.	0.5	37
58	6-sialyllactose ameliorates dihydrotestosterone-induced benign prostatic hyperplasia through suppressing VEGF-mediated angiogenesis. <i>BMB Reports</i> , 2019, 52, 560-565.	1.1	13
59	Reduced oxidative capacity in macrophages results in systemic insulin resistance. <i>Nature Communications</i> , 2018, 9, 1551.	5.8	114
60	De novo NAD ⁺ synthesis enhances mitochondrial function and improves health. <i>Nature</i> , 2018, 563, 354-359.	13.7	302
61	Quantifying and Localizing the Mitochondrial Proteome Across Five Tissues in A Mouse Population. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1766-1777.	2.5	50
62	Automatic Coregistration Algorithm to Remove Canopy Shaded Pixels in UAV-Borne Thermal Images to Improve the Estimation of Crop Water Stress Index of a Drip-Irrigated Cabernet Sauvignon Vineyard. <i>Sensors</i> , 2018, 18, 397.	2.1	53
63	The NAD ⁺ Salvage Pathway Potently Stimulates Hematopoiesis through Increased Mitochondrial Clearance and Asymmetric Division. <i>Blood</i> , 2018, 132, 641-641.	0.6	0
64	Growth differentiation factor 15 is a myomitokine governing systemic energy homeostasis. <i>Journal of Cell Biology</i> , 2017, 216, 149-165.	2.3	250
65	Degradation of PHLPP2 by KCTD17, via a Glucagon-Dependent Pathway, Promotes Hepatic Steatosis. <i>Gastroenterology</i> , 2017, 153, 1568-1580.e10.	0.6	25
66	PARP inhibition protects against alcoholic and non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2017, 66, 589-600.	1.8	116
67	Inhibiting poly ADP-ribosylation increases fatty acid oxidation and protects against fatty liver disease. <i>Journal of Hepatology</i> , 2017, 66, 132-141.	1.8	115
68	Estimating annual water storage variations in medium-scale (2000â€“10â€“000â€“km&sup>2</sup>) basins using microwave-based soil moisture retrievals. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1849-1862.	0.9	21
69	Impaired SUMOylation of nuclear receptor LRH-1 promotes nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 583-592.	3.9	50
70	Urolithin A induces mitophagy and prolongs lifespan in <i>C. elegans</i> and increases muscle function in rodents. <i>Nature Medicine</i> , 2016, 22, 879-888.	15.2	668
71	Metabolomics-assisted proteomics identifies succinylation and SIRT5 as important regulators of cardiac function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4320-4325.	3.3	263
72	NAD ⁺ repletion improves mitochondrial and stem cell function and enhances life span in mice. <i>Science</i> , 2016, 352, 1436-1443.	6.0	907

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73	NAD ⁺ repletion improves muscle function in muscular dystrophy and counters global PARylation. <i>Science Translational Medicine</i> , 2016, 8, 361ra139.	5.8	208
74	LRH-1-dependent programming of mitochondrial glutamine processing drives liver cancer. <i>Genes and Development</i> , 2016, 30, 1255-1260.	2.7	56
75	Eliciting the mitochondrial unfolded protein response by nicotinamide adenine dinucleotide repletion reverses fatty liver disease in mice. <i>Hepatology</i> , 2016, 63, 1190-1204.	3.6	289
76	Phosphorylation of the nuclear receptor corepressor 1 by protein kinase B switches its corepressor targets in the liver in mice. <i>Hepatology</i> , 2015, 62, 1606-1618.	3.6	46
77	Antibiotic use and abuse: A threat to mitochondria and chloroplasts with impact on research, health, and environment. <i>BioEssays</i> , 2015, 37, 1045-1053.	1.2	108
78	Evaluation of post-retrieval de-noising of active and passive microwave satellite soil moisture. <i>Remote Sensing of Environment</i> , 2015, 163, 127-139.	4.6	21
79	Assimilation of stream discharge for flood forecasting: Updating a semidistributed model with an integrated data assimilation scheme. <i>Water Resources Research</i> , 2015, 51, 3238-3258.	1.7	34
80	Tetracyclines Disturb Mitochondrial Function across Eukaryotic Models: A Call for Caution in Biomedical Research. <i>Cell Reports</i> , 2015, 10, 1681-1691.	2.9	385
81	Improving root-zone soil moisture estimations using dynamic root growth and crop phenology. <i>Advances in Water Resources</i> , 2015, 86, 170-183.	1.7	11
82	Optical Sensing of Vegetation Water Content: A Synthesis Study. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 1456-1464.	2.3	46
83	Roux-en-y gastric bypass attenuates hepatic mitochondrial dysfunction in mice with non-alcoholic steatohepatitis. <i>Gut</i> , 2015, 64, 673-683.	6.1	64
84	Loss of Sirt1 Function Improves Intestinal Anti-Bacterial Defense and Protects from Colitis-Induced Colorectal Cancer. <i>PLoS ONE</i> , 2014, 9, e102495.	1.1	41
85	Dual Forcing and State Correction via Soil Moisture Assimilation for Improved Rainfall-Runoff Modeling. <i>Journal of Hydrometeorology</i> , 2014, 15, 1832-1848.	0.7	55
86	PKB/Akt phosphorylation of ERR β contributes to insulin-mediated inhibition of hepatic gluconeogenesis. <i>Diabetologia</i> , 2014, 57, 2576-2585.	2.9	39
87	Sensitivity of multi-parameter soil moisture retrievals to incidence angle configuration. <i>Remote Sensing of Environment</i> , 2014, 143, 64-72.	4.6	10
88	Clarifications on the Comparison Between SMOS, VUA, ASCAT, and ECMWF Soil Moisture Products Over Four Watersheds in U.S. • <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 1901-1906.	2.7	35
89	An integrated error parameter estimation and lag-aware data assimilation scheme for real-time flood forecasting. <i>Journal of Hydrology</i> , 2014, 519, 2722-2736.	2.3	42
90	Systemic autophagy insufficiency compromises adaptation to metabolic stress and facilitates progression from obesity to diabetes. <i>Nature Communications</i> , 2014, 5, 4934.	5.8	156

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91	Hypothalamic S1P/S1PR1 axis controls energy homeostasis. <i>Nature Communications</i> , 2014, 5, 4859.	5.8	57
92	A SIRT7-Dependent Acetylation Switch of GABP ²¹ Controls Mitochondrial Function. <i>Cell Metabolism</i> , 2014, 20, 856-869.	7.2	214
93	SUMOylation-Dependent LRH-1/PROX1 Interaction Promotes Atherosclerosis by Decreasing Hepatic Reverse Cholesterol Transport. <i>Cell Metabolism</i> , 2014, 20, 603-613.	7.2	73
94	Stand-alone error characterisation of microwave satellite soil moisture using a Fourier method. <i>Remote Sensing of Environment</i> , 2014, 154, 115-126.	4.6	32
95	P245 ROUX-EN-Y GASTRIC BYPASS ATTENUATES HEPATIC MITOCHONDRIAL DYSFUNCTION IN MICE WITH NONALCOHOLIC STEATOHEPATITIS. <i>Journal of Hepatology</i> , 2014, 60, S147.	1.8	1
96	The Soil Moisture Active Passive Experiments (SMAPEX): Toward Soil Moisture Retrieval From the SMAP Mission. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 490-507.	2.7	154
97	Beyond triple collocation: Applications to soil moisture monitoring. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6419-6439.	1.2	97
98	The NAD ⁺ /Sirtuin Pathway Modulates Longevity through Activation of Mitochondrial UPR and FOXO Signaling. <i>Cell</i> , 2013, 154, 430-441.	13.5	951
99	Inverse Agonist of Nuclear Receptor ERR ³ Mediates Antidiabetic Effect Through Inhibition of Hepatic Gluconeogenesis. <i>Diabetes</i> , 2013, 62, 3093-3102.	0.3	67
100	Inter-comparison of microwave satellite soil moisture retrievals over the Murrumbidgee Basin, southeast Australia. <i>Remote Sensing of Environment</i> , 2013, 134, 1-11.	4.6	112
101	Mitochondrial protein imbalance as a conserved longevity mechanism. <i>Nature</i> , 2013, 497, 451-457.	13.7	846
102	Assimilation of stream discharge for flood forecasting: The benefits of accounting for routing time lags. <i>Water Resources Research</i> , 2013, 49, 1887-1900.	1.7	42
103	De-noising of passive and active microwave satellite soil moisture time series. <i>Geophysical Research Letters</i> , 2013, 40, 3624-3630.	1.5	24
104	C1-Ten Is a Protein Tyrosine Phosphatase of Insulin Receptor Substrate 1 (IRS-1), Regulating IRS-1 Stability and Muscle Atrophy. <i>Molecular and Cellular Biology</i> , 2013, 33, 1608-1620.	1.1	29
105	Multidecadal Trend of Basin-scale Evapotranspiration Estimated Using AVHRR Data in the Krishna River Basin, India. <i>Vadose Zone Journal</i> , 2013, 12, 1-14.	1.3	6
106	Orphan Nuclear Receptor Estrogen-Related Receptor ³ (ERR ³) Is Key Regulator of Hepatic Gluconeogenesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 21628-21639.	1.6	113
107	Wheat Canopy Structure and Surface Roughness Effects on Multiangle Observations at L-Band. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012, 50, 1498-1506.	2.7	18
108	Upscaling sparse ground-based soil moisture observations for the validation of coarse-resolution satellite soil moisture products. <i>Reviews of Geophysics</i> , 2012, 50, .	9.0	493

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109	Soil Salinity Impacts on L-Band Remote Sensing of Soil Moisture. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 262-266.	1.4	13
110	Calorie Restriction-like Effects of 30 Days of Resveratrol Supplementation on Energy Metabolism and Metabolic Profile in Obese Humans. Cell Metabolism, 2011, 14, 612-622.	7.2	1,072
111	Endoplasmic Reticulum Stress Promotes LIPIN2-Dependent Hepatic Insulin Resistance. Diabetes, 2011, 60, 1072-1081.	0.3	51
112	Soil Moisture Retrieval Using a Two-Dimensional L-Band Synthetic Aperture Radiometer in a Semiarid Environment. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 4273-4284.	2.7	11
113	Suppressor of MEK null (SMEK)/protein phosphatase 4 catalytic subunit (PP4C) is a key regulator of hepatic gluconeogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17704-17709.	3.3	63
114	GRACE and AMSR-2 based estimates of winter season solid precipitation accumulation in the Arctic drainage region. Journal of Geophysical Research, 2010, 115, .	3.3	13
115	AMPK-dependent Repression of Hepatic Gluconeogenesis via Disruption of CREB-CRTC2 Complex by Orphan Nuclear Receptor Small Heterodimer Partner. Journal of Biological Chemistry, 2010, 285, 32182-32191.	1.6	130
116	Adiponectin and thiazolidinedione targets CRTC2 to regulate hepatic gluconeogenesis. Experimental and Molecular Medicine, 2009, 41, 577.	3.2	27
117	Correcting Unintended Perturbation Biases in Hydrologic Data Assimilation. Journal of Hydrometeorology, 2009, 10, 734-750.	0.7	149
118	TORC2 Regulates Hepatic Insulin Signaling via a Mammalian Phosphatidic Acid Phosphatase, LIPIN1. Cell Metabolism, 2009, 9, 240-251.	7.2	76
119	Field observations of soil moisture variability across scales. Water Resources Research, 2008, 44, .	1.7	316
120	Reply to comment by H. Vereecken et al. on "Field observations of soil moisture variability across scales". Water Resources Research, 2008, 44, .	1.7	56
121	Soil Moisture Retrieval Using an L-Band Synthetic Aperture Radiometer During the Soil Moisture Experiments 2003 (SMEX03) and 2004 (SMEX04). , 2008, , .		1
122	Two-dimensional synthetic aperture radiometry over land surface during soil moisture experiment in 2003 (SMEX03). , 2007, , .		2
123	L-band microwave observations over land surface using a two-dimensional synthetic aperture radiometer. Geophysical Research Letters, 2007, 34, .	1.5	14
124	Multi-scale spatial correlation and scaling behavior of surface soil moisture. Geophysical Research Letters, 2006, 33, .	1.5	54
125	Upscaling of field-scale soil moisture measurements using distributed land surface modeling. Advances in Water Resources, 2005, 28, 1-14.	1.7	91
126	Calibration of an impedance probe for estimation of surface soil water content over large regions. Journal of Hydrology, 2005, 311, 49-58.	2.3	99

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127	Characterization of footprint-scale surface soil moisture variability using Gaussian and beta distribution functions during the Southern Great Plains 1997 (SGP97) hydrology experiment. <i>Water Resources Research</i> , 2005, 41, .	1.7	82