

H Peter White

List of Publications by Year in descending order

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36
papers

1,320
citations

516710

16
h-index

794594

19
g-index

47
all docs

47
docs citations

47
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivation and validation of Canada-wide coarse-resolution leaf area index maps using high-resolution satellite imagery and ground measurements. <i>Remote Sensing of Environment</i> , 2002, 80, 165-184.	11.0	458
2	Ecological fingerprinting of ecosystem succession: Estimating secondary tropical dry forest structure and diversity using imaging spectroscopy. <i>Remote Sensing of Environment</i> , 2007, 108, 82-96.	11.0	110
3	Seasonal change in understory reflectance of boreal forests and influence on canopy vegetation indices. <i>Journal of Geophysical Research</i> , 1997, 102, 29475-29482.	3.3	98
4	High-resolution, low-temperature photoabsorption cross sections of $C_{2H_{2}}$, PH_{3} , AsH_{3} , and GeH_{4} , with application to Saturn's atmosphere. <i>Journal of Geophysical Research</i> , 1991, 96, 17519-17527.	3.3	73
5	Reflectance processing of remote sensing spectroradiometer data. <i>Computers and Geosciences</i> , 2001, 27, 203-213.	4.2	72
6	Automatic destripping of Hyperion imagery based on spectral moment matching. <i>Canadian Journal of Remote Sensing</i> , 2008, 34, S68-S81.	2.4	57
7	Short-Wave Infrared Spectral and Geochemical Characteristics of Hydrothermal Alteration at the Archean Izok Lake Zn-Cu-Pb-Ag Volcanogenic Massive Sulfide Deposit, Nunavut, Canada: Application in Exploration Target Vectoring. <i>Economic Geology</i> , 2016, 111, 1223-1239.	3.8	56
8	Canada-wide foliage clumping index mapping from multiangular POLDER measurements. <i>Canadian Journal of Remote Sensing</i> , 2005, 31, 364-376.	2.4	53
9	Titan: Evidence for seasonal change—A comparison of Hubble space telescope and voyager images. <i>Icarus</i> , 1992, 97, 1-9.	2.5	47
10	Preprocessing of EO-1 Hyperion data. <i>Canadian Journal of Remote Sensing</i> , 2006, 32, 84-97.	2.4	47
11	Four-Scale Linear Model for Anisotropic Reflectance (FLAIR) for plant canopies. I. Model description and partial validation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2001, 39, 1072-1083.	6.3	44
12	Compact Airborne Spectrographic Imager (CASI) used for mapping biophysical parameters of boreal forests. <i>Journal of Geophysical Research</i> , 1999, 104, 27945-27958.	3.3	43
13	Application of Airborne, Laboratory, and Field Hyperspectral Methods to Mineral Exploration in the Canadian Arctic: Recognition and Characterization of Volcanogenic Massive Sulfide-Associated Hydrothermal Alteration in the Izok Lake Deposit Area, Nunavut, Canada. <i>Economic Geology</i> , 2015, 110, 925-941.	3.8	34
14	Four-scale linear model for anisotropic reflectance (FLAIR) for plant canopies. II. validation and inversion with CASI POLDER, and PARABOLA data at BOREAS. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2002, 40, 1038-1046.	6.3	25
15	Retrieval of Forest Canopy Parameters by Inversion of the PROFLAIR Leaf-Canopy Reflectance Model Using the LUT Approach. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 715-723.	4.9	19
16	Integration of multi-scale remote sensing data for reindeer lichen fractional cover mapping in Eastern Canada. <i>Remote Sensing of Environment</i> , 2021, 267, 112731.	11.0	18
17	Mineralogy and spectral reflectance of soils and tailings from historical gold mines, Nova Scotia. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2014, 14, 3-16.	0.9	13
18	The ultraviolet absorption spectrum of CO: Applications to planetary atmospheres. <i>Journal of Geophysical Research</i> , 1993, 98, 5491-5497.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Multiple Scattering Within the FLAIR Model Incorporating the Photon Recollision Probability Approach. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 2931-2941.	6.3	10
20	Retrieval of surface reflectance from Hyperion radiance data. , 0, , .		5
21	Defining shaded spectra by model inversion for spectral unmixing of hyperspectral datasets - theory and preliminary application. , 0, , .		4
22	Mapping leaf area index heterogeneity over Canada using directional reflectance and anisotropy canopy reflectance models. , 0, , .		3
23	An enhanced description of multiple scattering within the flair model using the photon re-collision probability approach. , 2007, , .		3
24	Semiempirical modelling of bidirectional reflectance utilizing the MODIS BRDF/Albedo algorithm models. , 0, , .		2
25	Inverse BRDF modelling of BOREAS conifer stands. , 1998, , .		2
26	Impact of Sensor Signal-to-Noise Ratio and Spectral Characteristics on Hyperspectral Geoscience Products. , 2006, , .		2
27	Sensitivity of Spectral Unmixing Analysis to a Spectrally Dependent Gain Error in Hyperspectral Data. , 2006, , .		2
28	Improving the FLAIR Model by Incorporating Multiple Scattering-Partial Validation. , 2006, , .		1
29	Impact of spectrally dependent gain errors in hyperspectral data on the determination of chlorophyll concentrations in vegetation. , 2007, , .		1
30	Monitoring environmental remediation: Hyperspectral mapping of re-vegetated areas affected by smelting operations in sudbury, Canada. , 2010, , .		1
31	Canadian Remote Sensing Society Best Thesis Awards, 2001 / Prix de la Soci�t� canadienne de t�tection pour la meilleure th�se, 2001. Canadian Journal of Remote Sensing, 2002, 28, iii-iv.	2.4	0
32	Recent advances in data calibration and standardisation in support of sustainable development of natural resources. , 0, , .		0
33	Preface / Pr�face. Canadian Journal of Remote Sensing, 2006, 32, ii-ii.	2.4	0
34	Impact of spectral curvature on at-surface reflectance accuracy and information extraction techniques. , 2011, , .		0
35	Inversion of the PROFLAIR leaf-canopy reflectance model for retrieval of forest canopy parameters. , 2012, , .		0
36	Tempo-spatial patterns of PM2.5 measured using a portable particulate monitor around a mine complex in Canada�s Arctic. Environmental Monitoring and Assessment, 2021, 193, 560.	2.7	0