

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	Tempo-spatial patterns of PM2.5 measured using a portable particulate monitor around a mine complex in Canada's Arctic. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 560.	2.7	0
2	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
3	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
4	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
5	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
6	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
7	Inversion of the PROFLAIR leaf-canopy reflectance model for retrieval of forest canopy parameters. , 2012, , .		0
8	Impact of spectral curvature on at-surface reflectance accuracy and information extraction techniques. , 2011, , .		0
9	Monitoring environmental remediation: Hyperspectral mapping of re-vegetated areas affected by smelting operations in sudbury, Canada. , 2010, , .		1
10	Multiple Scattering Within the FLAIR Model Incorporating the Photon Recollision Probability Approach. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009, 47, 2931-2941.	6.3	10
11	Automatic destriping of Hyperion imagery based on spectral moment matching. <i>Canadian Journal of Remote Sensing</i> , 2008, 34, S68-S81.	2.4	57
12	Impact of spectrally dependent gain errors in hyperspectral data on the determination of chlorophyll concentrations in vegetation. , 2007, , .		1
13	An enhanced description of multiple scattering within the flair model using the photon re-collision probability approach. , 2007, , .		3
14	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
15	Preprocessing of EO-1 Hyperion data. <i>Canadian Journal of Remote Sensing</i> , 2006, 32, 84-97.	2.4	47
16	Preface / Preface. <i>Canadian Journal of Remote Sensing</i> , 2006, 32, ii-ii.	2.4	0
17	Improving the FLAIR Model by Incorporating Multiple Scattering-Partial Validation. , 2006, , .		1
18	Impact of Sensor Signal-to-Noise Ratio and Spectral Characteristics on Hyperspectral Geoscience Products. , 2006, , .		2

#	ARTICLE	IF	CITATIONS
19	Sensitivity of Spectral Unmixing Analysis to a Spectrally Dependent Gain Error in Hyperspectral Data. , 2006, , .		2
20	Canada-wide foliage clumping index mapping from multiangular POLDER measurements. Canadian Journal of Remote Sensing, 2005, 31, 364-376.	2.4	53
21	Canadian Remote Sensing Society Best Thesis Awards, 2001 / Prix de la Soci��t�� canadienne de t��l��tection pour la meilleure th��se, 2001. Canadian Journal of Remote Sensing, 2002, 28, iii-iv.	2.4	0
22	Four-scale linear model for anisotropic reflectance (FLAIR) for plant canopies. II. validation and inversion with CASI POLDER, and PARABOLA data at BOREAS. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40, 1038-1046.	6.3	25
23	Derivation and validation of Canada-wide coarse-resolution leaf area index maps using high-resolution satellite imagery and ground measurements. Remote Sensing of Environment, 2002, 80, 165-184.	11.0	458
24	Four-Scale Linear Model for Anisotropic Reflectance (FLAIR) for plant canopies. I. Model description and partial validation. IEEE Transactions on Geoscience and Remote Sensing, 2001, 39, 1072-1083.	6.3	44
25	Reflectance processing of remote sensing spectroradiometer data. Computers and Geosciences, 2001, 27, 203-213.	4.2	72
26	Compact Airborne Spectrographic Imager (CASI) used for mapping biophysical parameters of boreal forests. Journal of Geophysical Research, 1999, 104, 27945-27958.	3.3	43
27	Inverse BRDF modelling of BOREAS conifer stands. , 1998, , .		2
28	Seasonal change in understory reflectance of boreal forests and influence on canopy vegetation indices. Journal of Geophysical Research, 1997, 102, 29475-29482.	3.3	98
29	The ultraviolet absorption spectrum of CO: Applications to planetary atmospheres. Journal of Geophysical Research, 1993, 98, 5491-5497.	3.3	10
30	Titan: Evidence for seasonal change��A comparison of Hubble space telescope and voyager images. Icarus, 1992, 97, 1-9.	2.5	47
31	High��resolution, low��temperature photoabsorption cross sections of C₂H₂, PH₃, AsH₃, and GeH₄, with application to Saturn's atmosphere. Journal of Geophysical Research, 1991, 96, 17519-17527.	3.3	73
32	Semiempirical modelling of bidirectional reflectance utilizing the MODIS BRDF/Albedo algorithm models. , 0, , .		2
33	Retrieval of surface reflectance from Hyperion radiance data. , 0, , .		5
34	Defining shaded spectra by model inversion for spectral unmixing of hyperspectral datasets - theory and preliminary application. , 0, , .		4
35	Mapping leaf area index heterogeneity over Canada using directional reflectance and anisotropy canopy reflectance models. , 0, , .		3
36	Recent advances in data calibration and standardisation in support of sustainable development of natural resources. , 0, , .		0