

Xiaoxiong Xiong

List of Publications by Year in descending order

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151
papers

4,225
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136950

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docs citations

151
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Early On-Orbit Performance of the Visible Infrared Imaging Radiometer Suite Onboard the Suomi National Polar-Orbiting Partnership (S-NPP) Satellite. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1142-1156.	6.3	403
2	An overview of MODIS radiometric calibration and characterization. Advances in Atmospheric Sciences, 2006, 23, 69-79.	4.3	246
3	Multiyear On-Orbit Calibration and Performance of Terra MODIS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 879-889.	6.3	215
4	MODIS Reflective Solar Bands On-Orbit Lunar Calibration. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 2383-2393.	6.3	192
5	Overview of Intercalibration of Satellite Instruments. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1056-1080.	6.3	188
6	VIIRS on-orbit calibration methodology and performance. Journal of Geophysical Research D: Atmospheres, 2014, 119, 5065-5078.	3.3	178
7	On-Orbit Calibration and Performance of Aqua MODIS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 535-546.	6.3	175
8	Terra MODIS on-orbit spatial characterization and performance. IEEE Transactions on Geoscience and Remote Sensing, 2005, 43, 355-365.	6.3	132
9	Time-Dependent Response Versus Scan Angle for MODIS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3159-3174.	6.3	124
10	Cross calibration of ocean-color bands from Moderate Resolution Imaging Spectroradiometer on Terra platform. Applied Optics, 2008, 47, 6796.	2.1	95
11	Absolute Radiometric Calibration of Landsat Using a Pseudo Invariant Calibration Site. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1360-1369.	6.3	89
12	Lunar Calibration and Performance for S-NPP VIIRS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1052-1061.	6.3	81
13	Prelaunch algorithm and data format for the Level 1 calibration products for the EOS-AM1 Moderate Resolution Imaging Spectroradiometer (MODIS). IEEE Transactions on Geoscience and Remote Sensing, 1998, 36, 1142-1151.	6.3	79
14	Aqua MODIS Thermal Emissive Band On-Orbit Calibration, Characterization, and Performance. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 803-814.	6.3	76
15	Terra and Aqua moderate-resolution imaging spectroradiometer collection 6 level 1B algorithm. Journal of Applied Remote Sensing, 2013, 7, 073557.	1.3	73
16	Terra and Aqua MODIS Thermal Emissive Bands On-Orbit Calibration and Performance. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5709-5721.	6.3	73
17	Initial Stability Assessment of S-NPP VIIRS Reflective Solar Band Calibration Using Invariant Desert and Deep Convective Cloud Targets. Remote Sensing, 2014, 6, 2809-2826.	4.0	72
18	Radiometric Intercomparison between Suomi-NPP VIIRS and Aqua MODIS Reflective Solar Bands Using Simultaneous Nadir Overpass in the Low Latitudes. Journal of Atmospheric and Oceanic Technology, 2013, 30, 2720-2736.	1.3	71

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19	JPSS-1 VIIRS Radiometric Characterization and Calibration Based on Pre-Launch Testing. Remote Sensing, 2016, 8, 41.	4.0	58
20	Development and Implementation of an Electronic Crosstalk Correction for Bands 27-30 in Terra MODIS Collection 6. Remote Sensing, 2017, 9, 569.	4.0	55
21	Cross calibration of SeaWiFS and MODIS using on-orbit observations of the Moon. Applied Optics, 2011, 50, 120.	2.1	50
22	Modeling the Detector Radiometric Gains of the Suomi NPP VIIRS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1565-1573.	6.3	50
23	MODIS Polarization-Sensitivity Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 2875-2885.	6.3	49
24	Intercomparison of On-Orbit Calibration Consistency Between Terra and Aqua MODIS Reflective Solar Bands Using the Moon. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 778-782.	3.1	48
25	Development, characterization, and performance of the EOS MODIS sensors. , 2003, , .		47
26	On-Orbit Radiometric Calibration of Suomi NPP VIIRS Reflective Solar Bands Through Observations of a Sunlit Solar Diffuser Panel. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5983-5990.	6.3	45
27	Assessment of S-NPP VIIRS On-Orbit Radiometric Calibration and Performance. Remote Sensing, 2016, 8, 84.	4.0	37
28	MODIS and VIIRS Calibration and Characterization in Support of Producing Long-Term High-Quality Data Products. Remote Sensing, 2020, 12, 3167.	4.0	34
29	Updates of Moderate Resolution Imaging Spectroradiometer on-orbit calibration uncertainty assessments. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	34
30	MODIS Reflective Solar Bands On-Orbit Calibration and Performance. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6355-6371.	6.3	33
31	S-NPP VIIRS thermal emissive bands on-orbit calibration and performance. Journal of Geophysical Research D: Atmospheres, 2014, 119, 10,859-10,875.	3.3	32
32	On-orbit performance of MODIS solar diffuser stability monitor. Journal of Applied Remote Sensing, 2014, 8, 083514.	1.3	32
33	On-Orbit Lunar Modulation Transfer Function Measurements for the Moderate Resolution Imaging Spectroradiometer. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 270-277.	6.3	32
34	MODIS and VIIRS Calibration History and Future Outlook. Remote Sensing, 2020, 12, 2523.	4.0	29
35	MODIS Onboard Blackbody Function and Performance. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 4210-4222.	6.3	28
36	MODIS reflective solar bands calibration improvements in Collection 6. Proceedings of SPIE, 2012, , .	0.8	28

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37	Initial on-orbit radiometric calibration of the Suomi NPP VIIRS reflective solar bands. Proceedings of SPIE, 2012, , .	0.8	28
38	Characterization and performance of the Suomi-NPP/VIIRS solar diffuser stability monitor. , 2012, , .		27
39	Suomi-NPP VIIRS Solar Diffuser Stability Monitor Performance. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 631-639.	6.3	27
40	VIIRS on-orbit optical anomaly: investigation, analysis, root cause determination and lessons learned. , 2012, , .		24
41	Using the moon for MODIS on-orbit spatial characterization. , 2004, 5234, 480.		23
42	MODIS correction algorithm for out-of-band response in the short-wave IR bands. , 2004, 5234, 605.		23
43	Status of Aqua MODIS spatial characterization and performance. , 2006, , .		23
44	Impacts of the Angular Dependence of the Solar Diffuser BRDF Degradation Factor on the SNPP VIIRS Reflective Solar Band On-Orbit Radiometric Calibration. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1537-1543.	6.3	23
45	On-orbit characterization of RVS for MODIS thermal emissive bands. , 2004, , .		21
46	Improved Band-to-Band Registration Characterization for VIIRS Reflective Solar Bands Based on Lunar Observations. Remote Sensing, 2016, 8, 27.	4.0	21
47	Suomi-NPP VIIRS dayâ€“night band on-orbit calibration and performance. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	21
48	Update of VIIRS On-Orbit Spatial Parameters Characterized With the Moon. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5486-5494.	6.3	20
49	Suomi NPP VIIRS Solar Diffuser BRDF Degradation Factor at Short-Wave Infrared Band Wavelengths. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6212-6216.	6.3	20
50	Determination of the SNPP VIIRS SDSM Screen Relative Transmittance From Both Yaw Maneuver and Regular On-Orbit Data. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1390-1398.	6.3	20
51	On-Orbit Characterization of MODIS Modulation Transfer Function Using the Moon. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 4112-4121.	6.3	19
52	Products of the SNPP VIIRS SD Screen Transmittance and the SD BRDFs From Both Yaw Maneuver and Regular On-Orbit Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1975-1987.	6.3	18
53	VIIRS On-Orbit Spatial Characterization Using the Moon. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1116-1120.	3.1	17
54	Improvements in the On-Orbit Response Versus Scan Angle Characterization of the Aqua MODIS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1728-1738.	6.3	17

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55	Evaluation of VIIRS and MODIS Thermal Emissive Band Calibration Stability Using Ground Target. Remote Sensing, 2016, 8, 158.	4.0	16
56	Characterizing response versus scan-angle for MODIS reflective solar bands using deep convective clouds. Journal of Applied Remote Sensing, 2017, 11, 016014.	1.3	15
57	Assessment of Terra MODIS On-Orbit Polarization Sensitivity Using Pseudoinvariant Desert Sites. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4168-4176.	6.3	15
58	Planning lunar observations for satellite missions in low-Earth orbit. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	15
59	Modeling SNPP VIIRS reflective solar bands optical throughput degradation and its impacts on the relative spectral response. Proceedings of SPIE, 2013, , .	0.8	14
60	Long-term drift induced by the electronic crosstalk in Terra MODIS Band 29. Journal of Geophysical Research D: Atmospheres, 2015, 120, 9944-9954.	3.3	14
61	VIIRS Reflective Solar Band Radiometric and Stability Evaluation Using Deep Convective Clouds. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 7009-7017.	6.3	14
62	JPSS-1VIIRS Prelaunch Polarization Testing and Performance. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2463-2476.	6.3	14
63	On-Orbit Characterization of the MODIS SDSM Screen for Solar Diffuser Degradation Estimation. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6456-6467.	6.3	13
64	Effect of the SDSM detector relative spectral response in determining the degradation coefficient of the SNPP VIIRS solar diffuser reflectance. Proceedings of SPIE, 2013, , .	0.8	12
65	Progress and lessons from MODIS calibration intercomparison using ground test sites. Canadian Journal of Remote Sensing, 2010, 36, 540-552.	2.4	11
66	MODIS TEB calibration approach in collection 6. Proceedings of SPIE, 2012, , .	0.8	11
67	Suomi National Polar-Orbiting Partnership Visible Infrared Imaging Radiometer Suite polarization sensitivity analysis. Applied Optics, 2016, 55, 7645.	2.1	11
68	Pre-Launch Radiometric Characterization of JPSS-1 VIIRS Thermal Emissive Bands. Remote Sensing, 2016, 8, 47.	4.0	11
69	Monochromatic measurements of the JPSS-1 VIIRS polarization sensitivity. Applied Optics, 2016, 55, 7444.	2.1	11
70	SNPP VIIRS RSB earth view reflectance uncertainty. , 2017, , .		11
71	NOAA-20 Visible Infrared Imaging Radiometer Suite dayâ€“night band on-orbit calibration and performance. Journal of Applied Remote Sensing, 2020, 14, .	1.3	11
72	Results From the Deep Convective Clouds-Based Response Versus Scan-Angle Characterization for the MODIS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1115-1128.	6.3	10

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73	Cross-Calibration of MODIS Reflective Solar Bands With Sentinel 2A/2B MSI Instruments. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5000-5007.	6.3	10
74	Terra MODIS: 20 years of on-orbit calibration and performance. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	10
75	Surface Roughness-Induced Spectral Degradation of Multi-Spaceborne Solar Diffusers Due to Space Radiation Exposure. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8658-8671.	6.3	9
76	Aqua MODIS Electronic Crosstalk Survey: Mid-Wave Infrared Bands. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1684-1697.	6.3	9
77	On-Orbit Calibration of Terra MODIS VIS Bands Using Polarization-Corrected Desert Observations. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5428-5439.	6.3	9
78	Early Calibration and Performance Assessments of NOAA-20 VIIRS Thermal Emissive Bands. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9242-9251.	6.3	8
79	Response Versus Scan-Angle Assessment of MODIS Reflective Solar Bands in Collection 6.1 Calibration. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2276-2289.	6.3	8
80	Improved Lunar Irradiance Model Using Multiyear MODIS Lunar Observations. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5154-5170.	6.3	8
81	Ten Years of SNPP VIIRS Reflective Solar Bands On-Orbit Calibration and Performance. Remote Sensing, 2021, 13, 2944.	4.0	8
82	Exploring the stability and residual response versus scan angle effects in SNPP VIIRS sensor data record reflectance products using deep convective clouds. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	8
83	SNPP VIIRS RSB on-orbit radiometric calibration algorithms Version 2.0 and the performances, part 1: the algorithms. Journal of Applied Remote Sensing, 2020, 14, .	1.3	8
84	Determination of the NOAA-20 VIIRS screen transmittance functions with both the yaw maneuver and regular on-orbit calibration data. Applied Optics, 2020, 59, 2992.	1.8	8
85	SNPP VIIRS Day Night Band: Ten Years of On-Orbit Calibration and Performance. Remote Sensing, 2021, 13, 4179.	4.0	8
86	On-orbit spatial characterizations for Terra MODIS. , 2002, 4814, 347.		7
87	Relative spectral response corrected calibration inter-comparison of S-NPP VIIRS and Aqua MODIS thermal emissive bands. Proceedings of SPIE, 2014, , .	0.8	7
88	Suomi-NPP VIIRS day/night band calibration with stars. Proceedings of SPIE, 2015, , .	0.8	7
89	JPSS-1/NOAA-20 VIIRS Day-Night Band Prelaunch Radiometric Calibration and Performance. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7534-7546.	6.3	7
90	Intercomparison of the SNPP and NOAA-20 VIIRS DNB High-Gain Stage Using Observations of Bright Stars. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8038-8045.	6.3	7

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91	Cross-Calibration of Terra and Aqua MODIS Using RadCalNet. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 188-192.	3.1	7
92	Terra and Aqua MODIS TEB intercomparison using Himawari-8/AHI as reference. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	7
93	S-NPP VIIRS Thermal Emissive Bands 10-Year On-Orbit Calibration and Performance. Remote Sensing, 2021, 13, 3917.	4.0	7
94	Pre-launch characterization of aqua MODIS scan mirror response versus scan angle for thermal emissive bands. Proceedings of SPIE, 2007, , .	0.8	6
95	On-orbit aqua MODIS modulation transfer function trending in along-scan from the Spectro-Radiometric Calibration Assembly. Proceedings of SPIE, 2008, , .	0.8	6
96	MODIS and VIIRS on-orbit calibration and characterization using observations from spacecraft pitch maneuvers. , 2018, , .		6
97	Initial calibration activities and performance assessments of NOAA-20 VIIRS. , 2018, , .		6
98	Results of MODIS band-to-band registration characterization using on-orbit lunar observations. Proceedings of SPIE, 2011, , .	0.8	5
99	Methodology Development for Calibration Assessment Using Quasi-Deep Convective Clouds With Application to Aqua MODIS TEB. Earth and Space Science, 2020, 7, e2019EA001055.	2.6	5
100	SNPP VIIRS Reflective Solar Bands On-Orbit Calibration Using the Moon. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4499-4512.	6.3	5
101	Performance of NOAA-20 VIIRS Solar Diffuser and Solar Diffuser Stability Monitor. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7180-7188.	6.3	5
102	Positional Dependence of SNPP VIIRS Solar Diffuser BRDF Change Factor: An Empirical Approach. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8056-8061.	6.3	5
103	Improvements in the on-orbit response versus scan-angle characterization for the MODIS ocean color bands. , 2019, , .		5
104	Assessment of SNPP VIIRS RSB detector-to-detector differences using deep convective clouds and deserts. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	5
105	Terra and Aqua MODIS on-orbit spectral characterization for reflective solar bands. Proceedings of SPIE, 2013, , .	0.8	4
106	Electronic crosstalk characterization of Terra MODIS long wave infrared channels. , 2015, , .		4
107	Impact of Blackbody Warm-Up Cool-Down Cycle on the Calibration of Aqua MODIS and S-NPP VIIRS Thermal Emissive Bands. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2377-2386.	6.3	4
108	Orbital Path and Spacecraft Attitude Correction for the MODIS Lunar Spatial Characterization. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1063-1073.	6.3	4

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109	Suomi NPP VIIRS solar diffuser screen transmittance model and its applications. Applied Optics, 2017, 56, 8676.	1.8	4
110	Initial radiometric calibration status and performance of NOAA-20 VIIRS reflective solar bands. , 2018, , .		4
111	Modulation transfer function characterization for GOES-16 advanced baseline imager using lunar observations. , 2019, , .		4
112	VIIRS thermal emissive bands L1B calibration uncertainty. , 2017, , .		3
113	Comparison of the MODIS and VIIRS Thermal Emissive Band Radiometric Calibration. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4852-4859.	6.3	3
114	Terra and Aqua MODIS Thermal Emissive Bands Calibration and RVS Stability Assessments Using an In Situ Ocean Target. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	3
115	On-Orbit Calibration and Performance of NOAA-20 VIIRS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
116	Assessment of MODIS thermal emissive bands calibration performance using deep convective clouds. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	3
117	Sensor performance assessment for Terra and Aqua MODIS using unscheduled lunar observations. , 2018, , .		3
118	Subsample difference correction for Terra MODIS SWIR bands 5-7 using lunar observations. , 2018, , .		3
119	NOAA-20 VIIRS thermal emissive bands on-orbit performance. , 2018, , .		3
120	NOAA-20 VIIRS polarization effect and its correction. Applied Optics, 2019, 58, 6655.	1.8	3
121	Effects of out-of-band and time-varying relative spectral response on the calibration of MODIS reflective solar bands. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	3
122	Tracking long-term stability of the response versus angle for the MODIS thermal emissive bands with observations over clear ocean. Proceedings of SPIE, 2010, , .	0.8	2
123	Spatial Registration Assessments for the SNPP and N20 VIIRS Reflective Solar Bands Using Unscheduled Lunar Observations. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	2
124	Sensor calibration impacts on dust detection based on MODIS and VIIRS thermal emissive bands. Advances in Space Research, 2021, 67, 3059-3071.	2.6	2
125	S-NPP and NOAA-20 VIIRS thermal emissive bands calibration stability assessments using an in situ ocean target. , 2021, , .		2
126	On-orbit performance of the Terra and Aqua MODIS solar diffuser stability monitor. , 2018, , .		2

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127	Assessments of MODIS thermal emissive bands on-orbit calibration performance using Dome C observations. , 2019, , .		2
128	Determination of the solar angular dependence of the NOAA-20 VIIRS solar diffuser BRDF on-orbit change factor. , 2019, , .		2
129	Using solar eclipse events to validate VIIRS reflective solar band calibration at multiple radiance levels. , 2019, , .		2
130	Assessment of MODIS collection 6.1 thermal emissive band calibration using hyperspectral IASI observations. , 2020, , .		2
131	Surface Corrected Lunar MTF Measurements in MODIS and VIIRS Using the SP Model. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	2
132	JPSS-2 VIIRS Dayâ€“Night Band Prelaunch Radiometric Calibration and Performance. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-8.	6.3	2
133	Deconvolution of SNPP VIIRS Solar Diffuser Bidirectional Reflectance Distribution Function On-Orbit Change Factor. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-9.	6.3	1
134	Unscheduled Lunar Observations for Radiometric Characterization of VIIRS Reflective Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-8.	6.3	1
135	Comparison of the MODIS and VIIRS on-board SD and SDSM performance. , 2018, , .		1
136	Intercomparison of Terra and Aqua MODIS using unscheduled lunar observations. , 2018, , .		1
137	Determination of response versus scan angle for the NOAA-20 visible infrared imaging radiometer suite thermal emissive bands from emissive radiation measurements during the pitch maneuver. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	1
138	Tracking long-term stability of MODIS thermal emissive bands response versus scan-angle using Dome C observations. , 2019, , .		1
139	VIIRS DNB time-dependent stray light correction. , 2019, , .		1
140	Lunar calibration and performance assessments of the NOAA-20 VIIRS reflective solar bands. , 2019, , .		1
141	On-orbit tracking of sub-sample gain differences in SNPP and NOAA-20 VIIRS imagery bands. , 2019, , .		1
142	SNPP VIIRS reflective solar bands on-orbit calibration seven-year update: extension and improvements. , 2019, , .		1
143	Using the moon and stars for VIIRS day/night band on-orbit calibration. , 2019, , .		1
144	NOAA-20 VIIRS solar diffuser BRDF on-orbit change factor for wavelengths longer than 1 micron. , 2019, , .		1

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145	Application of quasi-deep convective clouds method for MODIS and VIIRS TEB calibration assessments. , 2020, , .		1
146	Long term stability monitoring of Aqua MODIS thermal emissive bands through radiative transfer modeling. , 2020, , .		1
147	S-NPP and N20 VIIRS RSB bands detector-to-detector calibration differences assessment using a homogeneous ground target. , 2020, , .		1
148	Nonlinear Detector Response of Aqua MODIS Land Imaging Bands. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	0
149	Improvements in the calibration of the NOAA-20 VIIRS day-night band low gain stage using a solar diffuser. , 2020, , .		0
150	MODIS reflective solar bands lunar calibration update and improvements. , 2020, , .		0
151	Assessment of MODIS on-orbit polarization impact on detector relative calibration. , 2020, , .		0