

# Mariolino De Cecco

## List of Publications by Year in descending order

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171  
papers

7,069  
citations

66343

42  
h-index

64796

79  
g-index

173  
all docs

173  
docs citations

173  
times ranked

2521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wheelchair driving strategies: A comparison between standard joystick and gaze-based control. <i>Assistive Technology</i> , 2023, 35, 180-192.	2.0	1
2	Object Pose Detection to Enable 3D Interaction from 2D Equirectangular Images in Mixed Reality Educational Settings. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5309.	2.5	0
3	Monte Carlo-based 3D surface point cloud volume estimation by exploding local cubes faces. <i>Acta IMEKO (2012)</i> , 2022, 11, 1.	0.7	2
4	Multilevel assessment of mental stress via network physiology paradigm using consumer wearable devices. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 4409-4418.	4.9	16
5	RoboEye, an Efficient, Reliable and Safe Semi-Autonomous Gaze Driven Wheelchair for Domestic Use. <i>Technologies</i> , 2021, 9, 16.	5.1	7
6	Technological Infrastructure Supports New Paradigm of Care for Healthy Aging: The Living Lab Ausilia. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 85-99.	0.4	2
7	Human identification and tracking using ultra-wideband-vision data fusion in unstructured environments. <i>Acta IMEKO (2012)</i> , 2021, 10, 124.	0.7	4
8	3D Tracking of Human Motion Using Visual Skeletonization and Stereoscopic Vision. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 181.	4.1	81
9	Assisted Gait Phase Estimation Through an Embedded Depth Camera Using Modified Random Forest Algorithm Classification. <i>IEEE Sensors Journal</i> , 2020, 20, 3343-3355.	4.7	17
10	The Feasibility of Augmented Reality as a Support Tool for Motor Rehabilitation. <i>Lecture Notes in Computer Science</i> , 2020, , 165-173.	1.3	4
11	Stepping over Obstacles with Augmented Reality based on Visual Exproprioception. , 2020, , .		3
12	Spectrophotometric variegation of the layering in comet 67P/Churyumov-Gerasimenko as seen by OSIRIS. <i>Astronomy and Astrophysics</i> , 2019, 630, A16.	5.1	2
13	Minimally Invasive Assessment of Mental Stress based on Wearable Wireless Physiological Sensors and Multivariate Biosignal Processing. , 2019, , .		3
14	Information Dynamics of the Brain, Cardiovascular and Respiratory Network during Different Levels of Mental Stress. <i>Entropy</i> , 2019, 21, 275.	2.2	29
15	Reliability assessment on human activity recognition. , 2019, , .		0
16	Beta synchrony in the cortico-basal ganglia network during regulation of force control on and off dopamine. <i>Neurobiology of Disease</i> , 2019, 127, 253-263.	4.4	16
17	Multidisciplinary analysis of the Hapi region located on Comet 67P/Churyumovâ€“Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2139-2154.	4.4	9
18	Self-Weighted Multilateration for Indoor Positioning Systems. <i>Sensors</i> , 2019, 19, 872.	3.8	5

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19	Assessment of Mental Stress Through the Analysis of Physiological Signals Acquired From Wearable Devices. Lecture Notes in Electrical Engineering, 2019, , 243-256.	0.4	8
20	Bilobate comet morphology and internal structure controlled by shear deformation. Nature Geoscience, 2019, 12, 157-162.	12.9	22
21	Pronounced morphological changes in a southern active zone on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A8.	5.1	7
22	Rosetta/OSIRIS observations of the 67P nucleus during the April 2016 flyby: high-resolution spectrophotometry. Astronomy and Astrophysics, 2019, 630, A9.	5.1	6
23	Phase-curve analysis of comet 67P/Churyumov-Gerasimenko at small phase angles. Astronomy and Astrophysics, 2019, 630, A11.	5.1	1
24	Surface evolution of the Anhur region on comet 67P/Churyumov-Gerasimenko from high-resolution OSIRIS images. Astronomy and Astrophysics, 2019, 630, A13.	5.1	15
25	Diurnal variation of dust and gas production in comet 67P/Churyumov-Gerasimenko at the inbound equinox as seen by OSIRIS and VIRTIS-M on board Rosetta. Astronomy and Astrophysics, 2019, 630, A23.	5.1	9
26	Seasonal variations in source regions of the dust jets on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A17.	5.1	9
27	Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A15.	5.1	4
28	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A7.	5.1	18
29	The Human Being at the Center of Smart Factories Thanks to Augmented Reality. , 2019, , .		4
30	The Rocky-Like Behavior of Cometary Landslides on 67P/Churyumov-Gerasimenko. Geophysical Research Letters, 2019, 46, 14336-14346.	4.0	9
31	Sigma-z random forest, classification and confidence. Measurement Science and Technology, 2019, 30, 025002.	2.6	8
32	Augmented Reality to Enhance the Clinical Eye: The Improvement of ADL Evaluation by Mean of a Sensors Based Observation. Lecture Notes in Computer Science, 2019, , 291-296.	1.3	3
33	The phase function and density of the dust observed at comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2835-2839.	4.4	20
34	On deviations from free-radial outflow in the inner coma of comet 67P/Churyumov-Gerasimenko. Icarus, 2018, 311, 1-22.	2.5	21
35	Meter-scale thermal contraction crack polygons on the nucleus of comet 67P/Churyumov-Gerasimenko. Icarus, 2018, 301, 173-188.	2.5	33
36	Models of Rosetta/OSIRIS 67P Dust Coma Phase Function. Astronomical Journal, 2018, 156, 237.	4.7	20

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37	The influence of measurements and feature types in automatic micro-behavior recognition in meal preparation. IEEE Instrumentation and Measurement Magazine, 2018, 21, 10-14.	1.6	8
38	Augmented Virtualized Observation of Hidden Physical Quantities in Occupational Therapy. , 2018, , .		3
39	Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs (<i>Corrigendum</i>). Astronomy and Astrophysics, 2018, 614, C2.	5.1	0
40	Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs. Astronomy and Astrophysics, 2018, 611, A33.	5.1	40
41	Coma morphology of comet 67P controlled by insolation over irregular nucleus. Nature Astronomy, 2018, 2, 562-567.	10.1	19
42	Regional unit definition for the nucleus of comet 67P/Churyumov-Gerasimenko on the SHAP7 model. Planetary and Space Science, 2018, 164, 19-36.	1.7	32
43	Exposed bright features on the comet 67P/Churyumov-Gerasimenko: distribution and evolution. Astronomy and Astrophysics, 2018, 613, A36.	5.1	15
44	An Augmented Reality Virtual Assistant to Help Mild Cognitive Impaired Users in Cooking a System Able to Recognize the User Status and Personalize the Support. , 2018, , .		8
45	Kinect-Based Micro-Behavior Sensing System for Learning the Smart Assistance with Human Subjects Inside Their Homes. , 2018, , .		9
46	Position Measurement and Uncertainty Analysis for the Shutter Mechanism Mounted on the Rosetta Mission. , 2018, , .		0
47	Opposition effect on comet 67P/Churyumov-Gerasimenko using Rosetta-OSIRIS images. Astronomy and Astrophysics, 2017, 599, A11.	5.1	11
48	Multivariate statistical analysis of OSIRIS/Rosetta spectrophotometric data of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 600, A115.	5.1	11
49	Distance determination method of dust particles using Rosetta OSIRIS NAC and WAC data. Planetary and Space Science, 2017, 143, 256-264.	1.7	8
50	Augmented Reality to Enhance the Clinician's Observation During Assessment of Daily Living Activities. Lecture Notes in Computer Science, 2017, , 3-21.	1.3	13
51	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. Science, 2017, 355, 1392-1395.	12.6	63
52	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. Nature Astronomy, 2017, 1, .	10.1	100
53	The opposition effect of 67P/Churyumov-Gerasimenko on post-perihelion Rosetta images. Monthly Notices of the Royal Astronomical Society, 2017, 469, S550-S567.	4.4	22
54	Long-term monitoring of comet 67P/Churyumov-Gerasimenko's jets with OSIRIS onboard Rosetta. Monthly Notices of the Royal Astronomical Society, 2017, 469, S380-S385.	4.4	13

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55	Automatic graph based spatiotemporal extrinsic calibration of multiple Kinect V2 ToF cameras. <i>Robotics and Autonomous Systems</i> , 2017, 98, 105-125.	5.1	21
56	Seasonal erosion and restoration of the dust cover on comet 67P/Churyumov-Gerasimenko as observed by OSIRIS onboard Rosetta. <i>Astronomy and Astrophysics</i> , 2017, 604, A114.	5.1	43
57	Modelling of the outburst on 2015 July 29 observed with OSIRIS cameras in the Southern hemisphere of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S178-S185.	4.4	12
58	Constraints on cometary surface evolution derived from a statistical analysis of 67P's topography. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S329-S338.	4.4	33
59	The scattering phase function of comet 67P/Churyumov-Gerasimenko coma as seen from the Rosetta/OSIRIS instrument. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S404-S415.	4.4	44
60	Seasonal mass transfer on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S357-S371.	4.4	111
61	Dust mass distribution around comet 67P/Churyumov-Gerasimenko determined via parallax measurements using Rosetta's OSIRIS cameras. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S276-S284.	4.4	43
62	The highly active Anhur-Bes regions in the 67P/Churyumov-Gerasimenko comet: results from OSIRIS/ROSETTA observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S93-S107.	4.4	30
63	Thermal modelling of water activity on comet 67P/Churyumov-Gerasimenko with global dust mantle and plural dust-to-ice ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S295-S311.	4.4	39
64	Characterization of dust aggregates in the vicinity of the Rosetta spacecraft. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S312-S320.	4.4	12
65	Geomorphological and spectrophotometric analysis of Seth's circular niches on comet 67P/Churyumov-Gerasimenko using OSIRIS images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S238-S251.	4.4	8
66	Evidence of sub-surface energy storage in comet 67P from the outburst of 2016 July 03. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, s606-s625.	4.4	45
67	Eye tracker uncertainty analysis and modelling in real time. <i>Journal of Physics: Conference Series</i> , 2017, 778, 012002.	0.4	1
68	The pebbles/boulders size distributions on Sais: Rosetta's final landing site on comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S636-S645.	4.4	40
69	Investigating the physical properties of outbursts on comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S731-S740.	4.4	23
70	A three-dimensional modelling of the layered structure of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S741-S754.	4.4	22
71	Post-perihelion photometry of dust grains in the coma of 67P Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S195-S203.	4.4	17
72	Thermophysics of fractures on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2017, 608, A121.	5.1	7

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73	The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2017, 607, L1.	5.1	107
74	Long-term survival of surface water ice on comet 67P. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S582-S597.	4.4	24
75	Augmented Robotics for Electronic Wheelchair to Enhance Mobility in Domestic Environment. <i>Lecture Notes in Computer Science</i> , 2017, , 22-32.	1.3	5
76	UPPER LIMB LOADS DURING ROBOTIC ASSISTED GAIT: A MEASURING SYSTEM TO GUIDE TRAINING. , 2017, , .		1
77	Preliminary calibration results of the wide angle camera of the imaging instrument OSIRIS for the Rosetta mission. , 2017, , .		0
78	Acceleration of individual, decimetre-sized aggregates in the lower coma of comet 67P/Churyumovâ€™Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S78-S88.	4.4	52
79	Geologic mapping of the Comet 67P/Churyumovâ€™Gerasimenko's Northern hemisphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S352-S367.	4.4	27
80	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders â‰¥7 m. <i>Astronomy and Astrophysics</i> , 2016, 592, L2.	5.1	27
81	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. <i>Astronomy and Astrophysics</i> , 2016, 586, A7.	5.1	55
82	Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. <i>Astronomy and Astrophysics</i> , 2016, 585, L1.	5.1	26
83	Gas outflow and dust transport of comet 67P/Churyumovâ€™Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S533-S546.	4.4	34
84	Inter-eye: Interactive error compensation for eye-tracking devices. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
85	Sublimation of icy aggregates in the coma of comet 67P/Churyumovâ€™Gerasimenko detected with the OSIRIS cameras on board Rosetta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S57-S66.	4.4	23
86	Summer fireworks on comet 67P. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S184-S194.	4.4	112
87	Are fractured cliffs the source of cometary dust jets? Insights from OSIRIS/Rosetta at 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 587, A14.	5.1	102
88	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images: The southern hemisphere. <i>Astronomy and Astrophysics</i> , 2016, 593, A110.	5.1	86
89	Comparative study of water ice exposures on cometary nuclei using multispectral imaging data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S394-S414.	4.4	18
90	The dust environment of comet 67P/Churyumov-Gerasimenko from Rosetta OSIRIS and VLT observations in the 4.5 to 2.9 AU heliocentric distance range inbound. <i>Astronomy and Astrophysics</i> , 2016, 587, A155.	5.1	39

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91	Possible interpretation of the precession of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 590, A46.	5.1	14
92	A mini outburst from the nightside of comet 67P/Churyumov-Gerasimenko observed by the OSIRIS camera on Rosetta. <i>Astronomy and Astrophysics</i> , 2016, 596, A89.	5.1	29
93	The use of INTER-EYE for 3D eye-tracking systematic error compensation. , 2016, , .		1
94	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. <i>Astronomy and Astrophysics</i> , 2016, 592, A69.	5.1	53
95	Observations and analysis of a curved jet in the coma of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 588, L3.	5.1	34
96	Photometry of dust grains of comet 67P and connection with nucleus regions. <i>Astronomy and Astrophysics</i> , 2016, 588, A59.	5.1	10
97	The global shape, density and rotation of Comet 67P/Churyumov-Gerasimenko from preperihelion Rosetta/OSIRIS observations. <i>Icarus</i> , 2016, 277, 257-278.	2.5	252
98	EVOLUTION OF THE DUST SIZE DISTRIBUTION OF COMET 67P/CHURYUMOVâ€™GERASIMENKO FROM 2.2 au TO PERIHELION. <i>Astrophysical Journal</i> , 2016, 821, 19.	4.5	158
99	Spectrophotometry of the Khonsu region on the comet 67P/Churyumovâ€™Gerasimenko using OSIRIS instrument images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S274-S286.	4.4	20
100	AUSILIA: Assisted unit for simulating independent living activities. , 2016, , .		16
101	The 2016 Feb 19 outburst of comet 67P/CG: an ESA Rosetta multi-instrument study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S220-S234.	4.4	60
102	Physical properties and dynamical relation of the circular depressions on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 591, A132.	5.1	22
103	Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumovâ€™Gerasimenko from OSIRIS observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S287-S303.	4.4	26
104	Rosettaâ€™s comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. <i>Science</i> , 2016, 354, 1566-1570.	12.6	97
105	CHANGES IN THE PHYSICAL ENVIRONMENT OF THE INNER COMA OF 67P/CHURYUMOVâ€™GERASIMENKO WITH DECREASING HELIOCENTRIC DISTANCE. <i>Astronomical Journal</i> , 2016, 152, 130.	4.7	36
106	The Agilkia boulders/pebbles sizeâ€™frequency distributions: OSIRIS and ROLIS joint observations of 67P surface. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S242-S252.	4.4	15
107	Geomorphological mapping of comet 67P/Churyumovâ€™Gerasimenkoâ€™s Southern hemisphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S573-S592.	4.4	23
108	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 592, A63.	5.1	159

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109	Development of Innovative HMI Strategies for Eye Controlled Wheelchairs in Virtual Reality. Lecture Notes in Computer Science, 2016, , 358-377.	1.3	6
110	Variation of comet 67P/Churyumov-Gerasimenko in regions showing activity. Astronomy and Astrophysics, 2016, 586, A80.	5.1	43
111	Scientific assessment of the quality of OSIRIS images. Astronomy and Astrophysics, 2015, 583, A46.	5.1	67
112	Characterization of OSIRIS NAC filters for the interpretation of multispectral data of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A45.	5.1	8
113	Shape model, reference system definition, and cartographic mapping standards for comet 67P/Churyumov-Gerasimenko – Stereo-photogrammetric analysis of Rosetta/OSIRIS image data. Astronomy and Astrophysics, 2015, 583, A33.	5.1	188
114	Gravitational slopes, geomorphology, and material strengths of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A32.	5.1	113
115	OSIRIS observations of meter-sized exposures of H <sub>2</sub> O ice at the surface of 67P/Churyumov-Gerasimenko and interpretation using laboratory experiments. Astronomy and Astrophysics, 2015, 583, A25.	5.1	97
116	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A17.	5.1	149
117	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A34.	5.1	173
118	Morphology and dynamics of the jets of comet 67P/Churyumov-Gerasimenko: Early-phase development. Astronomy and Astrophysics, 2015, 583, A11.	5.1	33
119	67P/Churyumov-Gerasimenko: Activity between March and June 2014 as observed from Rosetta/OSIRIS. Astronomy and Astrophysics, 2015, 573, A62.	5.1	60
120	Spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from the OSIRIS instrument onboard the ROSETTA spacecraft. Astronomy and Astrophysics, 2015, 583, A30.	5.1	188
121	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. Astronomy and Astrophysics, 2015, 583, A26.	5.1	153
122	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A35.	5.1	59
123	Size-frequency distribution of boulders >7 m on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A37.	5.1	108
124	Geomorphology and spectrophotometry of Philae's landing site on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A41.	5.1	41
125	Comet 67P/Churyumov-Gerasimenko: Constraints on its origin from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A44.	5.1	53
126	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A36.	5.1	60



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127	Large-scale dust jets in the coma of 67P/Churyumov-Gerasimenko as seen by the OSIRIS instrument onboard Rosetta. <i>Astronomy and Astrophysics</i> , 2015, 583, A9.	5.1	39
128	Fractures on comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS. <i>Geophysical Research Letters</i> , 2015, 42, 5170-5178.	4.0	71
129	Orbital elements of the material surrounding comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A16.	5.1	23
130	Rotating dust particles in the coma of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A14.	5.1	26
131	Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. <i>Science</i> , 2015, 347, aaa3905.	12.6	310
132	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa1044.	12.6	366
133	The morphological diversity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa0440.	12.6	259
134	Garment-based motion capture (GaMoCap): high-density capture of human shape in motion. <i>Machine Vision and Applications</i> , 2015, 26, 955-973.	2.7	7
135	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. <i>Nature</i> , 2015, 523, 63-66.	27.8	158
136	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. <i>Nature</i> , 2015, 526, 402-405.	27.8	141
137	Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A19.	5.1	13
138	The rotation state of 67P/Churyumov-Gerasimenko from approach observations with the OSIRIS cameras on Rosetta. <i>Astronomy and Astrophysics</i> , 2014, 569, L2.	5.1	81
139	Four path following controllers for rhombic like vehicles. , 2013, , .		4
140	Shape measurement system for single point incremental forming (SPIF) manufactures by using trinocular vision and random pattern. <i>Measurement Science and Technology</i> , 2012, 23, 115402.	2.6	7
141	Validation of MEMS acceleration measurements for seismic monitoring with LVDT and vision system. , 2012, , .		6
142	Images of Asteroid 21 Lutetia: A Remnant Planetesimal from the Early Solar System. <i>Science</i> , 2011, 334, 487-490.	12.6	179
143	Measurement of momentum transfer due to adhesive forces: On-ground testing of in-space body injection into geodesic motion. <i>Review of Scientific Instruments</i> , 2011, 82, 125107.	1.3	17
144	Autonomous pallet localization and picking for industrial forklifts: a robust range and look method. <i>Measurement Science and Technology</i> , 2011, 22, 085502.	2.6	30

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145	A joint force-position measurement system for neuromotor performances assessment. , 2011, , .		1
146	A Method for Asteroids 3D Surface Reconstruction from Close Approach Distances. Lecture Notes in Computer Science, 2011, , 21-30.	1.3	0
147	Uncertainty Evaluation in Two-Dimensional Indirect Measurement by Evidence and Probability Theories. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 2816-2824.	4.7	13
148	A Unified Framework for Uncertainty, Compatibility Analysis, and Data Fusion for Multi-Stereo 3-D Shape Estimation. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 2834-2842.	4.7	14
149	E-Type Asteroid (2867) Steins as Imaged by OSIRIS on Board Rosetta. Science, 2010, 327, 190-193.	12.6	120
150	Uncertainty analysis for multi-stereo 3d shape estimation. , 2009, , .		3
151	LISA Pathfinder test mass injection in geodesic motion: status of the on-ground testing. Classical and Quantum Gravity, 2009, 26, 094011.	4.0	19
152	Measurement of the momentum transferred between contacting bodies during the LISA test-mass release phaseâ€”uncertainty estimation. Measurement Science and Technology, 2009, 20, 055101.	2.6	12
153	Description and application of a new method for uncertainty evaluation in two-dimensional indirect measurement. , 2009, , .		1
154	Pallet Pose Estimation with LIDAR and Vision for Autonomous Forklifts. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 612-617.	0.4	6
155	Dynamic Measurements of Impulses Generated by the Separation of Adhered Bodies under Near-Zero Gravity Conditions. Experimental Mechanics, 2008, 48, 777-787.	2.0	24
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