

# Ralf Jaumann

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

318  
papers

18,093  
citations

73  
h-index

123  
g-index

342  
ext. papers

20,297  
ext. citations

8.2  
avg, IF

5.73  
L-index

#	Paper	IF	Citations
318	Mid-infrared emissivity of partially dehydrated asteroid (162173) Ryugu shows strong signs of aqueous alteration.. <i>Nature Communications</i> , <b>2022</b> , 13, 364	17.4	1
317	MASCOT Mobile Lander On-board the Hayabusa2 Spacecraft Operations on Ryugu. <i>Springer Aerospace Technology</i> , <b>2022</b> , 559-575	0.1	
316	The Psyche Topography and Geomorphology Investigation. <i>Space Science Reviews</i> , <b>2022</b> , 218, 1	7.5	0
315	Geomorphology of Vesta <b>2022</b> , 67-80		
314	Determining the Relative Cratering Ages of Regions of Psyche Surface. <i>Space Science Reviews</i> , <b>2022</b> , 218, 1	7.5	0
313	Formation of Ejecta and Dust Pond Deposits on Asteroid Vesta. <i>Journal of Geophysical Research E: Planets</i> , <b>2021</b> , 126, e2021JE006873	4.1	
312	An Extremely Elongated Cloud Over Arsia Mons Volcano on Mars: I. Life Cycle. <i>Journal of Geophysical Research E: Planets</i> , <b>2021</b> , 126, e2020JE006517	4.1	1
311	Spectrophotometric Analysis of the Ryugu Rock Seen by MASCOT: Searching for a Carbonaceous Chondrite Analog. <i>Planetary Science Journal</i> , <b>2021</b> , 2, 58	2.9	1
310	Influence of Volatiles on Mass Wasting Processes on Vesta and Ceres. <i>Journal of Geophysical Research E: Planets</i> , <b>2021</b> , 126, e2020JE006573	4.1	1
309	Mars moon ephemerides after 14 years of Mars Express data. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 650, A64	5.1	5
308	The MASCOT lander aboard Hayabusa2: The in-situ exploration of NEA (162173) Ryugu. <i>Planetary and Space Science</i> , <b>2021</b> , 200, 105200	2	7
307	Microporosity and parent body of the rubble-pile NEA (162173) Ryugu. <i>Icarus</i> , <b>2021</b> , 358, 114166	3.8	4
306	Attitude reconstruction of MASCOT lander during its descent and stay on asteroid (162173) Ryugu. <i>Planetary and Space Science</i> , <b>2021</b> , 195, 105150	2	1
305	The Mars 2020 Rover Mast Camera Zoom (Mastcam-Z) Multispectral, Stereoscopic Imaging Investigation. <i>Space Science Reviews</i> , <b>2021</b> , 217, 24	7.5	27
304	Geologic History and Crater Morphology of Asteroid (162173) Ryugu. <i>Journal of Geophysical Research E: Planets</i> , <b>2021</b> , 126, e2020JE006572	4.1	5
303	Spectral and Petrographic Properties of Inclusions in Carbonaceous Chondrites and Comparison with In Situ Images from Asteroid Ryugu. <i>Planetary Science Journal</i> , <b>2021</b> , 2, 188	2.9	0
302	Regions of interest on Ganymede's and Callisto's surfaces as potential targets for ESA's JUICE mission. <i>Planetary and Space Science</i> , <b>2021</b> , 208, 105324	2	2

301	The unique spectral and geomorphological characteristics of pitted impact deposits associated with Marcia crater on Vesta. <i>Icarus</i> , <b>2021</b> , 369, 114633	3.8	0
300	The process for the selection of MASCOT landing site on Ryugu: Design, execution and results. <i>Planetary and Space Science</i> , <b>2020</b> , 194, 105086	2	4
299	Ceres's partial differentiation: undifferentiated crust mixing with a water-rich mantle. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 633, A117	5.1	12
298	Dust devil triggering of slope streaks on Mars. <i>Icarus</i> , <b>2020</b> , 351, 113951	3.8	5
297	Variability of spider spatial configuration at the Martian south pole. <i>Planetary and Space Science</i> , <b>2020</b> , 185, 104848	2	4
296	Fracture geometry and statistics of Ceres's floor fractures. <i>Planetary and Space Science</i> , <b>2020</b> , 187, 104955	2	3
295	Spatio-temporal Variation of Bright Ephemeral Features on Titan's North Pole. <i>Planetary Science Journal</i> , <b>2020</b> , 1, 31	2.9	3
294	H <sub>2</sub> O-ice particle size variations across Ganymede's and Callisto's surface. <i>Icarus</i> , <b>2020</b> , 337, 113440	3.8	6
293	Surface roughness of asteroid (162173) Ryugu and comet 67P/Churyumov-Gerasimenko inferred from in situ observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 3178-3193	4.3	5
292	Images from the surface of asteroid Ryugu show rocks similar to carbonaceous chondrite meteorites. <i>Science</i> , <b>2019</b> , 365, 817-820	33.3	73
291	Geomorphological Evidence of Localized Stagnant Ice Deposits in Terra Cimmeria, Mars. <i>Journal of Geophysical Research E: Planets</i> , <b>2019</b> , 124, 1525-1541	4.1	3
290	Hayabusa2 arrives at the carbonaceous asteroid 162173 Ryugu-A spinning top-shaped rubble pile. <i>Science</i> , <b>2019</b> , 364, 268-272	33.3	254
289	The geomorphology, color, and thermal properties of Ryugu: Implications for parent-body processes. <i>Science</i> , <b>2019</b> , 364, 252	33.3	209
288	Tectonic analysis of fracturing associated with occator crater. <i>Icarus</i> , <b>2019</b> , 320, 49-59	3.8	14
287	Araneiform terrain formation in Angustus Labyrinthus, Mars. <i>Icarus</i> , <b>2019</b> , 317, 479-490	3.8	9
286	Low thermal conductivity boulder with high porosity identified on C-type asteroid (162173) Ryugu. <i>Nature Astronomy</i> , <b>2019</b> , 3, 971-976	12.1	74
285	Scientific objectives of JANUS Instrument onboard JUICE mission and key technical solutions for its Optical Head <b>2019</b> ,		1
284	The MASCOT landing area on asteroid (162173) Ryugu: Stereo-photogrammetric analysis using images of the ONC onboard the Hayabusa2 spacecraft. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 632, L4	5.1	8

283	The Hayabusa2 lander MASCOT on the surface of asteroid (162173) Ryugu □ Stereo-photogrammetric analysis of MASCam image data. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 632, L5	5.1	11
282	Asymmetric Craters on the Dwarf Planet Ceres □ Results of Second Extended Mission Data Analysis. <i>Geosciences (Switzerland)</i> , <b>2019</b> , 9, 475	2.7	1
281	The descent and bouncing path of the Hayabusa2 lander MASCOT at asteroid (162173) Ryugu. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 632, L3	5.1	12
280	Seasonal formation rates of martian slope streaks. <i>Icarus</i> , <b>2019</b> , 323, 76-86	3.8	10
279	The various ages of Occator crater, Ceres: Results of a comprehensive synthesis approach. <i>Icarus</i> , <b>2019</b> , 320, 60-82	3.8	31
278	Synthesis of the special issue: The formation and evolution of Ceres □ Occator crater. <i>Icarus</i> , <b>2019</b> , 320, 213-225	3.8	14
277	Spectral investigation of quadrangle AC-H 3 of the dwarf planet Ceres □ The region of impact crater Dantu. <i>Icarus</i> , <b>2019</b> , 318, 111-123	3.8	3
276	Ceres □ Impact craters □ Relationships between surface composition and geology. <i>Icarus</i> , <b>2019</b> , 318, 56-74	3.8	6
275	The formation and evolution of bright spots on Ceres. <i>Icarus</i> , <b>2019</b> , 320, 188-201	3.8	37
274	Bright carbonate surfaces on Ceres as remnants of salt-rich water fountains. <i>Icarus</i> , <b>2019</b> , 320, 39-48	3.8	33
273	Volcanic flows versus water- and ice-related outburst deposits in eastern Hellas: A comparison. <i>Icarus</i> , <b>2018</b> , 307, 1-16	3.8	4
272	Global and local re-impact and velocity regime of ballistic ejecta of boulder craters on Ceres. <i>Planetary and Space Science</i> , <b>2018</b> , 153, 142-156	2	4
271	The Multi-Temporal Database of Planetary Image Data (MUTED): A web-based tool for studying dynamic Mars. <i>Planetary and Space Science</i> , <b>2018</b> , 159, 56-65	2	9
270	Geological Evolution of Titan's Equatorial Regions: Possible Nature and Origin of the Dune Material. <i>Journal of Geophysical Research E: Planets</i> , <b>2018</b> , 123, 1089-1112	4.1	20
269	Geologic constraints on the origin of red organic-rich material on Ceres. <i>Meteoritics and Planetary Science</i> , <b>2018</b> , 53, 1983-1998	2.8	25
268	The geology of the occator quadrangle of dwarf planet Ceres: Floor-fractured craters and other geomorphic evidence of cryomagmatism. <i>Icarus</i> , <b>2018</b> , 316, 128-139	3.8	20
267	Geologic mapping of the Ac-2 Coniraya quadrangle of Ceres from NASA's Dawn mission: Implications for a heterogeneously composed crust. <i>Icarus</i> , <b>2018</b> , 316, 28-45	3.8	13
266	Geology of Ceres □ North Pole quadrangle with Dawn FC imaging data. <i>Icarus</i> , <b>2018</b> , 316, 14-27	3.8	3

265	The unique geomorphology and structural geology of the Haulani crater of dwarf planet Ceres as revealed by geological mapping of equatorial quadrangle Ac-6 Haulani. <i>Icarus</i> , <b>2018</b> , 316, 84-98	3.8	14
264	The Ac-5 (Fejokoo) quadrangle of Ceres: Geologic map and geomorphological evidence for ground ice mediated surface processes. <i>Icarus</i> , <b>2018</b> , 316, 63-83	3.8	15
263	Searching for Traces of Life With the ExoMars Rover <b>2018</b> , 309-347		8
262	Science exploration and instrumentation of the OKEANOS mission to a Jupiter Trojan asteroid using the solar power sail. <i>Planetary and Space Science</i> , <b>2018</b> , 161, 99-106	2	22
261	Ring-Mold Craters on Ceres: Evidence for Shallow Subsurface Water Ice Sources. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 8121-8128	4.9	2
260	Geologic mapping of the Ac-11 Sintana quadrangle: Assessing diverse crater morphologies. <i>Icarus</i> , <b>2018</b> , 316, 154-166	3.8	3
259	Ceres Ezinu quadrangle: a heavily cratered region with evidence for localized subsurface water ice and the context of Occator crater. <i>Icarus</i> , <b>2018</b> , 316, 46-62	3.8	16
258	The geology of the Kerwan quadrangle of dwarf planet Ceres: Investigating Ceres' oldest, largest impact basin. <i>Icarus</i> , <b>2018</b> , 316, 99-113	3.8	22
257	Dantu's mineralogical properties: A view into the composition of Ceres' crust. <i>Meteoritics and Planetary Science</i> , <b>2018</b> , 53, 1866-1883	2.8	7
256	Ceres opposition effect observed by the Dawn framing camera. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 620, A201	5.1	9
255	Observational evidence for active dust storms on Titan at equinox. <i>Nature Geoscience</i> , <b>2018</b> , 11, 727-732	18.3	13
254	Geology of central Libya Montes, Mars: Aqueous alteration history from mineralogical and morphological mapping. <i>Icarus</i> , <b>2018</b> , 314, 12-34	3.8	10
253	Psyche Science Operations Concept: Maximize Reuse to Minimize Risk <b>2018</b> ,		2
252	MASCOT: The Mobile Asteroid Surface Scout Onboard the Hayabusa2 Mission. <i>Space Science Reviews</i> , <b>2017</b> , 208, 339-374	7.5	84
251	An investigation of the bluish material on Ceres. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 1660	4.9	18
250	Geomorphological evidence for ground ice on dwarf planet Ceres. <i>Nature Geoscience</i> , <b>2017</b> , 10, 338-343	18.3	75
249	High-resolution Ceres Low Altitude Mapping Orbit Atlas derived from Dawn Framing Camera images. <i>Planetary and Space Science</i> , <b>2017</b> , 140, 74-79	2	24
248	The PanCam Instrument for the ExoMars Rover. <i>Astrobiology</i> , <b>2017</b> , 17, 511-541	3.7	41

247	Resolved spectrophotometric properties of the Ceres surface from Dawn Framing Camera images. <i>Icarus</i> , <b>2017</b> , 288, 201-225	3.8	64
246	The paleolacustrine evolution of Juventae Chasma and Maja Valles and its implications for the formation of interior layered deposits on Mars. <i>Icarus</i> , <b>2017</b> , 292, 125-143	3.8	13
245	Close-up images of the final Philae landing site on comet 67P/Churyumov-Gerasimenko acquired by the ROLIS camera. <i>Icarus</i> , <b>2017</b> , 285, 263-274	3.8	17
244	Grid-mapping Hellas Planitia, Mars Insights into distribution, evolution and geomorphology of (Peri)-glacial, fluvial and lacustrine landforms in Mars' deepest basin. <i>Planetary and Space Science</i> , <b>2017</b> , 145, 49-70	2	9
243	Habitability on Early Mars and the Search for Biosignatures with the ExoMars Rover. <i>Astrobiology</i> , <b>2017</b> , 17, 471-510	3.7	257
242	The Camera of the MASCOT Asteroid Lander on Board Hayabusa 2. <i>Space Science Reviews</i> , <b>2017</b> , 208, 375-400	7.5	37
241	THE FORMATION AND EVOLUTION OF BRIGHT SPOTS ON CERES <b>2017</b> ,		3
240	Temporal variations of Titan's surface with Cassini/VIMS. <i>Icarus</i> , <b>2016</b> , 270, 85-99	3.8	24
239	Dawn arrives at Ceres: Exploration of a small, volatile-rich world. <i>Science</i> , <b>2016</b> , 353, 1008-1010	33.3	157
238	Distribution of phyllosilicates on the surface of Ceres. <i>Science</i> , <b>2016</b> , 353,	33.3	144
237	The geomorphology of Ceres. <i>Science</i> , <b>2016</b> , 353,	33.3	92
236	Cratering on Ceres: Implications for its crust and evolution. <i>Science</i> , <b>2016</b> , 353,	33.3	121
235	Seasonal exposure of carbon dioxide ice on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , <b>2016</b> , 354, 1563-1566	33.3	42
234	The Agilkia boulders/pebbles size-frequency distributions: OSIRIS and ROLIS joint observations of 67P surface. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, S242-S252	4.3	13
233	Saturn's icy satellites investigated by Cassini-VIMS. IV. Daytime temperature maps. <i>Icarus</i> , <b>2016</b> , 271, 292-313	3.8	18
232	Systematic processing of Mars Express HRSC panchromatic and colour image mosaics: Image equalisation using an external brightness reference. <i>Planetary and Space Science</i> , <b>2016</b> , 121, 18-26	2	16
231	Bright carbonate deposits as evidence of aqueous alteration on (1) Ceres. <i>Nature</i> , <b>2016</b> , 536, 54-7	50.4	198
230	Ceres Survey Atlas derived from Dawn Framing Camera images. <i>Planetary and Space Science</i> , <b>2016</b> , 121, 115-120	2	30

229	Exposed water ice on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Nature</i> , <b>2016</b> , 529, 368-72	50.4	81
228	The Multi-Temporal Database of Planetary Image Data (MUTED): A database to support the identification of surface changes and short-lived surface processes. <i>Planetary and Space Science</i> , <b>2016</b> , 125, 43-61	2	6
227	The Camera of the MASCOT Asteroid Lander on Board Hayabusa 2 <b>2016</b> , 375-400		3
226	Timing of optical maturation of recently exposed material on Ceres. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 11,987-11,993	4.9	30
225	Cryogenic flow features on Ceres: Implications for crater-related cryovolcanism. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 11,994-12,003	4.9	44
224	The Coriolis effect on mass wasting during the Rheasilvia impact on asteroid Vesta. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 12,340	4.9	6
223	SURFACE ALBEDO AND SPECTRAL VARIABILITY OF CERES. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 817, L22	7.9	36
222	The High Resolution Stereo Camera (HRSC) of Mars Express and its approach to science analysis and mapping for Mars and its satellites. <i>Planetary and Space Science</i> , <b>2016</b> , 126, 93-138	2	103
221	The global surface composition of 67P/CG nucleus by Rosetta/VIRTIS. (I) Prelanding mission phase. <i>Icarus</i> , <b>2016</b> , 274, 334-349	3.8	44
220	Cassini's geological and compositional view of Tethys. <i>Icarus</i> , <b>2016</b> , 274, 1-22	3.8	9
219	Amazonian-aged fluvial system and associated ice-related features in Terra Cimmeria, Mars. <i>Icarus</i> , <b>2016</b> , 277, 286-299	3.8	19
218	High-resolution Ceres High Altitude Mapping Orbit atlas derived from Dawn Framing Camera images. <i>Planetary and Space Science</i> , <b>2016</b> , 129, 103-107	2	45
217	Cometary science. The organic-rich surface of comet 67P/Churyumov-Gerasimenko as seen by VIRTIS/Rosetta. <i>Science</i> , <b>2015</b> , 347, aaa0628	33.3	251
216	COMETARY SCIENCE. The structure of the regolith on 67P/Churyumov-Gerasimenko from ROLIS descent imaging. <i>Science</i> , <b>2015</b> , 349, aab0232	33.3	71
215	The Sextilia-region on Asteroid 4Vesta Stratigraphy and variegation. <i>Icarus</i> , <b>2015</b> , 259, 162-180	3.8	6
214	Optical design and stray light analysis for the JANUS camera of the JUICE space mission <b>2015</b> ,		1
213	Geomorphological evidence for transient water flow on Vesta. <i>Earth and Planetary Science Letters</i> , <b>2015</b> , 411, 151-163	5.3	36
212	Geologic evolution of the eastern Eridania basin: Implications for aqueous processes in the southern highlands of Mars. <i>Journal of Geophysical Research E: Planets</i> , <b>2015</b> , 120, 1774-1799	4.1	12

211	The spectral parameter maps of Vesta from VIR data. <i>Icarus</i> , <b>2015</b> , 259, 10-20	3.8	13
210	Mineralogic mapping of the Av-9 Numisia quadrangle of Vesta. <i>Icarus</i> , <b>2015</b> , 259, 116-128	3.8	5
209	Quantifying geological processes on Mars Results of the high resolution stereo camera (HRSC) on Mars express. <i>Planetary and Space Science</i> , <b>2015</b> , 112, 53-97	2	53
208	Ammoniated phyllosilicates with a likely outer Solar System origin on (1) Ceres. <i>Nature</i> , <b>2015</b> , 528, 241-450.4	5.4	226
207	Compositional variations in the Vestan Rheasilvia basin. <i>Icarus</i> , <b>2015</b> , 259, 194-202	3.8	7
206	Estimating precipitation on early Mars using a radiative-convective model of the atmosphere and comparison with inferred runoff from geomorphology. <i>Planetary and Space Science</i> , <b>2015</b> , 105, 133-147	2	14
205	The Dawn Mission to Vesta and Ceres <b>2015</b> ,		5
204	Mineralogical analyses of surface sediments in the Antarctic Dry Valleys: coordinated analyses of Raman spectra, reflectance spectra and elemental abundances. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2014</b> , 372,	3	14
203	Geologic mapping of ejecta deposits in Oppia Quadrangle, Asteroid (4) Vesta. <i>Icarus</i> , <b>2014</b> , 244, 104-119	3.8	12
202	The chronostratigraphy of protoplanet Vesta. <i>Icarus</i> , <b>2014</b> , 244, 158-165	3.8	17
201	Morphology and formation ages of mid-sized post-Rheasilvia craters [Geology of quadrangle Tuccia, Vesta. <i>Icarus</i> , <b>2014</b> , 244, 133-157	3.8	27
200	Spectral diversity and photometric behavior of main-belt and near-Earth vestoids and (4) Vesta: A study in preparation for the Dawn encounter. <i>Icarus</i> , <b>2014</b> , 235, 60-74	3.8	16
199	Geologic map of the northern hemisphere of Vesta based on Dawn Framing Camera (FC) images. <i>Icarus</i> , <b>2014</b> , 244, 41-59	3.8	26
198	Floor-Fractured Craters on Mars [Observations and Origin. <i>Planetary and Space Science</i> , <b>2014</b> , 98, 146-162		21
197	The unique geomorphology and physical properties of the Vestalia Terra plateau. <i>Icarus</i> , <b>2014</b> , 244, 89-103	3.8	30
196	Water and Martian habitability: Results of an integrative study of water related processes on Mars in context with an interdisciplinary Helmholtz research alliance [Planetary Evolution and Life] <i>Planetary and Space Science</i> , <b>2014</b> , 98, 128-145	2	6
195	The geology of the Marcia quadrangle of asteroid Vesta: Assessing the effects of large, young craters. <i>Icarus</i> , <b>2014</b> , 244, 74-88	3.8	34
194	Geologic mapping of Vesta. <i>Planetary and Space Science</i> , <b>2014</b> , 103, 2-23	2	46



193	Lobate and flow-like features on asteroid Vesta. <i>Planetary and Space Science</i> , <b>2014</b> , 103, 24-35	2	36
192	Mass movement on Vesta at steep scarps and crater rims. <i>Icarus</i> , <b>2014</b> , 244, 120-132	3.8	42
191	The cratering record, chronology and surface ages of (4) Vesta in comparison to smaller asteroids and the ages of HED meteorites. <i>Planetary and Space Science</i> , <b>2014</b> , 103, 104-130	2	68
190	Small fresh impact craters on asteroid 4 Vesta: A compositional and geological fingerprint. <i>Journal of Geophysical Research E: Planets</i> , <b>2014</b> , 119, 771-797	4.1	11
189	Compositional evidence of magmatic activity on Vesta. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 3038-3044	4.9	12
188	Surface albedo spectral properties of geologically interesting areas on Titan. <i>Journal of Geophysical Research E: Planets</i> , <b>2014</b> , 119, 1729-1747	4.1	27
187	A preliminary optical design for the JANUS camera of ESA's space mission JUICE <b>2014</b> ,		1
186	The JANUS camera onboard JUICE mission for Jupiter system optical imaging <b>2014</b> ,		1
185	Science goals and mission concept for the future exploration of Titan and Enceladus. <i>Planetary and Space Science</i> , <b>2014</b> , 104, 59-77	2	12
184	Composition and mineralogy of dark material units on Vesta. <i>Icarus</i> , <b>2014</b> , 240, 58-72	3.8	36
183	Global mapping and characterization of Titan's dune fields with Cassini: Correlation between RADAR and VIMS observations. <i>Icarus</i> , <b>2014</b> , 230, 168-179	3.8	55
182	Geomorphology and structural geology of Saturnalia Fossae and adjacent structures in the northern hemisphere of Vesta. <i>Icarus</i> , <b>2014</b> , 244, 23-40	3.8	20
181	The geological nature of dark material on Vesta and implications for the subsurface structure. <i>Icarus</i> , <b>2014</b> , 240, 3-19	3.8	24
180	Asymmetric craters on Vesta: Impact on sloping surfaces. <i>Planetary and Space Science</i> , <b>2014</b> , 103, 36-56	2	25
179	Ceres <b>2014</b> , 1-4		
178	Precipitation-induced surface brightenings seen on Titan by Cassini VIMS and ISS <b>2013</b> , 2,		37
177	High-resolution Vesta Low Altitude Mapping Orbit Atlas derived from Dawn Framing Camera images. <i>Planetary and Space Science</i> , <b>2013</b> , 85, 293-298	2	20
176	Jupiter ICy moons Explorer (JUICE): An ESA mission to orbit Ganymede and to characterise the Jupiter system. <i>Planetary and Space Science</i> , <b>2013</b> , 78, 1-21	2	308

175	Dawn completes its mission at 4 Vesta. <i>Meteoritics and Planetary Science</i> , <b>2013</b> , 48, 2076-2089	2.8	43
174	Vesta's mineralogical composition as revealed by the visible and infrared spectrometer on Dawn. <i>Meteoritics and Planetary Science</i> , <b>2013</b> , 48, 2166-2184	2.8	72
173	Review of exchange processes on Ganymede in view of its planetary protection categorization. <i>Astrobiology</i> , <b>2013</b> , 13, 991-1004	3.7	9
172	Mineralogy and morphology of geologic units at Libya Montes, Mars: Ancient aqueously derived outcrops, mafic flows, fluvial features, and impacts. <i>Journal of Geophysical Research E: Planets</i> , <b>2013</b> , 118, 487-513	4.1	47
171	Mass-wasting features and processes in Vesta's south polar basin Rheasilvia. <i>Journal of Geophysical Research E: Planets</i> , <b>2013</b> , 118, 2279-2294	4.1	24
170	Sequence of infilling events in Gale Crater, Mars: Results from morphology, stratigraphy, and mineralogy. <i>Journal of Geophysical Research E: Planets</i> , <b>2013</b> , 118, 2439-2473	4.1	104
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