

Tatsuaki Okada

List of Publications by Year in descending order

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Version: 2024-02-01

216
papers

9,594
citations

50276

46
h-index

43889

91
g-index

268
all docs

268
docs citations

268
times ranked

5530
citing authors

#	ARTICLE	IF	CITATIONS
1	The Rubble-Pile Asteroid Itokawa as Observed by Hayabusa. <i>Science</i> , 2006, 312, 1330-1334.	12.6	761
2	Essential role of phosphatidylinositol 3-kinase in insulin-induced glucose transport and antilipolysis in rat adipocytes. Studies with a selective inhibitor wortmannin. <i>Journal of Biological Chemistry</i> , 1994, 269, 3568-73.	3.4	670
3	Itokawa Dust Particles: A Direct Link Between S-Type Asteroids and Ordinary Chondrites. <i>Science</i> , 2011, 333, 1113-1116.	12.6	487
4	Hayabusa2 arrives at the carbonaceous asteroid 162173 Ryugu—A spinning top—shaped rubble pile. <i>Science</i> , 2019, 364, 268-272.	12.6	410
5	Touchdown of the Hayabusa Spacecraft at the Muses Sea on Itokawa. <i>Science</i> , 2006, 312, 1350-1353.	12.6	349
6	Blockage of chemotactic peptide-induced stimulation of neutrophils by wortmannin as a result of selective inhibition of phosphatidylinositol 3-kinase. <i>Journal of Biological Chemistry</i> , 1994, 269, 3563-7.	3.4	348
7	The geomorphology, color, and thermal properties of Ryugu: Implications for parent-body processes. <i>Science</i> , 2019, 364, 252.	12.6	313
8	The surface composition of asteroid 162173 Ryugu from Hayabusa2 near-infrared spectroscopy. <i>Science</i> , 2019, 364, 272-275.	12.6	262
9	Incipient Space Weathering Observed on the Surface of Itokawa Dust Particles. <i>Science</i> , 2011, 333, 1121-1125.	12.6	257
10	An artificial impact on the asteroid (162173) Ryugu formed a crater in the gravity-dominated regime. <i>Science</i> , 2020, 368, 67-71.	12.6	183
11	Sample collection from asteroid (162173) Ryugu by Hayabusa2: Implications for surface evolution. <i>Science</i> , 2020, 368, 654-659.	12.6	158
12	Plasma Wave Observations with GEOTAIL Spacecraft.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1994, 46, 59-95.	0.9	149
13	Preliminary analysis of the Hayabusa2 samples returned from C-type asteroid Ryugu. <i>Nature Astronomy</i> , 2022, 6, 214-220.	10.1	136
14	Irradiation History of Itokawa Regolith Material Deduced from Noble Gases in the Hayabusa Samples. <i>Science</i> , 2011, 333, 1128-1131.	12.6	128
15	Space weathered rims found on the surfaces of the Itokawa dust particles. <i>Meteoritics and Planetary Science</i> , 2014, 49, 188-214.	1.6	127
16	Low thermal conductivity boulder with high porosity identified on C-type asteroid (162173) Ryugu. <i>Nature Astronomy</i> , 2019, 3, 971-976.	10.1	124
17	Electric Field Measurements on the GEOTAIL Satellite.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1994, 46, 693-711.	0.9	120
18	Hayabusa2: Scientific importance of samples returned from C-type near-Earth asteroid (162173) 1999 JU3. <i>Geochemical Journal</i> , 2014, 48, 571-587.	1.0	103

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19	Endoplasmic reticulum stress-induced apoptosis contributes to articular cartilage degeneration via C/EBP homologous protein. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1007-1017.	1.3	100
20	MASCOTâ€”The Mobile Asteroid Surface Scout Onboard the Hayabusa2 Mission. <i>Space Science Reviews</i> , 2017, 208, 339-374.	8.1	100
21	Highly porous nature of a primitive asteroid revealed by thermal imaging. <i>Nature</i> , 2020, 579, 518-522.	27.8	100
22	X-ray Fluorescence Spectrometry of Asteroid Itokawa by Hayabusa. <i>Science</i> , 2006, 312, 1338-1341.	12.6	99
23	Images from the surface of asteroid Ryugu show rocks similar to carbonaceous chondrite meteorites. <i>Science</i> , 2019, 365, 817-820.	12.6	99
24	Samples returned from the asteroid Ryugu are similar to Ivuna-type carbonaceous meteorites. <i>Science</i> , 2023, 379, .	12.6	97
25	Magnetic structure evolution in mechanically milled nanostructured ZnFe ₂ O ₄ particles. <i>Scripta Materialia</i> , 1999, 12, 737-740.	0.5	90
26	The ESA Hera Mission: Detailed Characterization of the DART Impact Outcome and of the Binary Asteroid (65803) Didymos. <i>Planetary Science Journal</i> , 2022, 3, 160.	3.6	82
27	Raman scattering from gas-evaporated silicon small particles. <i>Solid State Communications</i> , 1984, 49, 809-812.	1.9	81
28	Chemopreventive effects of ferulic acid on oral and rice germ on large bowel carcinogenesis. <i>Anticancer Research</i> , 1999, 19, 3775-8.	1.1	80
29	MASCOTâ€”The Mobile Asteroid Surface Scout Onboard the Hayabusa2 Mission. , 2016, , 339-374.		78
30	Pebbles and sand on asteroid (162173) Ryugu: In situ observation and particles returned to Earth. <i>Science</i> , 2022, 375, 1011-1016.	12.6	78
31	On the origin and evolution of the asteroid Ryugu: A comprehensive geochemical perspective. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2022, 98, 227-282.	3.8	77
32	Humanoid Robots in Waseda Universityâ€”Hadaly-2 and WABIAN. <i>Autonomous Robots</i> , 2002, 12, 25-38.	4.8	75
33	Hayabusaâ€”returned sample curation in the Planetary Material Sample Curation Facility of JAXA. <i>Meteoritics and Planetary Science</i> , 2014, 49, 135-153.	1.6	70
34	Positive exponent strain-rate superplasticity in mechanically alloyed aluminum IN9021. <i>Scripta Metallurgica Et Materialia</i> , 1991, 25, 2053-2057.	1.0	67
35	Origin of CD57+ T cells which increase at tumour sites in patients with colorectal cancer. <i>Clinical and Experimental Immunology</i> , 2008, 102, 159-166.	2.6	66
36	First compositional analysis of Ryugu samples by the MicrOmega hyperspectral microscope. <i>Nature Astronomy</i> , 2022, 6, 221-225.	10.1	65

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37	The measurement of incident and azimuthal angles and the polarization of whistlers at low latitudes. <i>Planetary and Space Science</i> , 1977, 25, 233-241.	1.7	64
38	Sgn1, a Basic Helix-Loop-Helix Transcription Factor Delineates the Salivary Gland Duct Cell Lineage in Mice. <i>Developmental Biology</i> , 2001, 240, 517-530.	2.0	64
39	Thermal Infrared Imaging Experiments of C-Type Asteroid 162173 Ryugu on Hayabusa2. <i>Space Science Reviews</i> , 2017, 208, 255-286.	8.1	64
40	Fire Resistance of Concrete-Filled, Fire-Resistant Steel-Tube Columns. <i>Journal of Materials in Civil Engineering</i> , 1994, 6, 169-184.	2.9	56
41	Assessment of the marine toxins by monitoring the integrity of human intestinal Caco-2 cell monolayers. <i>Toxicology in Vitro</i> , 2000, 14, 219-226.	2.4	56
42	Effects of prophylactic intrathecal administrations of nicardipine on vasospasm in patients with severe aneurysmal subarachnoid haemorrhage. <i>Acta Neurochirurgica</i> , 1994, 131, 19-25.	1.7	55
43	Synergistic activation of PtdIns 3-kinase by tyrosine-phosphorylated peptide and γ -subunits of GTP-binding proteins. <i>Biochemical Journal</i> , 1996, 317, 475-480.	3.7	54
44	The C1XS X-ray Spectrometer on Chandrayaan-1. <i>Planetary and Space Science</i> , 2009, 57, 717-724.	1.7	54
45	Astaxanthin ameliorates heat stress-induced impairment of blastocyst development In Vitro: "astaxanthin colocalization with and action on mitochondria". <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 623-631.	2.5	48
46	Thermophysical properties of the surface of asteroid 162173 Ryugu: Infrared observations and thermal inertia mapping. <i>Icarus</i> , 2020, 348, 113835.	2.5	48
47	Electric field measurement on the Akebono (EXOS-D) satellite.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1990, 42, 371-384.	0.9	48
48	Studies on the syntheses of heterocyclic compounds. 845. Studies on the synthesis of chemotherapeutics. 10. Synthesis and antitumor activity of N-acyl- and N-(alkoxycarbonyl)-5-fluorouracil derivatives. <i>Journal of Medicinal Chemistry</i> , 1980, 23, 1324-1329.	6.4	47
49	Laboratory experiments of particle size effect in X-ray fluorescence and implications to remote X-ray spectrometry of lunar regolith surface. <i>Earth, Planets and Space</i> , 2008, 60, 293-297.	2.5	47
50	Thermally altered subsurface material of asteroid (162173) Ryugu. <i>Nature Astronomy</i> , 2021, 5, 246-250.	10.1	47
51	The Camera of the MASCOT Asteroid Lander on Board Hayabusa 2. <i>Space Science Reviews</i> , 2017, 208, 375-400.	8.1	46
52	Aftershock distribution and 3D seismic velocity structure in and around the focal area of the 2004 mid Niigata prefecture earthquake obtained by applying double-difference tomography to dense temporary seismic network data. <i>Earth, Planets and Space</i> , 2005, 57, 435-440.	2.5	44
53	Schooling behaviour and retinomotor response of juvenile Pacific bluefin tuna <i>Thunnus orientalis</i> under different light intensities. <i>Journal of Fish Biology</i> , 2007, 71, 411-420.	1.6	43
54	Catalytic activity of iron compounds for coal liquefaction. <i>Fuel</i> , 1999, 78, 1867-1873.	6.4	42

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55	Collisional history of Ryugu's parent body from bright surface boulders. <i>Nature Astronomy</i> , 2021, 5, 39-45.	10.1	42
56	Class-specific regulation of anti-DNA antibody synthesis and the age-associated changes in (NZB x) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	8.8	40
57	Methylation level of the RASSF1A promoter is an independent prognostic factor for clear-cell renal cell carcinoma. <i>Annals of Oncology</i> , 2010, 21, 1612-1617.	1.2	39
58	Preliminary organic compound analysis of microparticles returned from Asteroid 25143 Itokawa by the Hayabusa mission. <i>Geochemical Journal</i> , 2012, 46, 61-72.	1.0	39
59	IL-10 gene transfer upregulates arcuate POMC and ameliorates hyperphagia, obesity and diabetes by substituting for leptin. <i>International Journal of Obesity</i> , 2016, 40, 425-433.	3.4	39
60	Asteroid Ryugu before the Hayabusa2 encounter. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	39
61	LAPLACE: A mission to Europa and the Jupiter System for ESA's Cosmic Vision Programme. <i>Experimental Astronomy</i> , 2009, 23, 849-892.	3.7	38
62	Hayabusa2-Ryugu proximity operation planning and landing site selection. <i>Acta Astronautica</i> , 2018, 151, 217-227.	3.2	36
63	Single-Pole/TMR Heads for 140- μm Perpendicular Recording. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 290-294.	2.1	34
64	A new whistler direction finder. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1981, 43, 679-691.	0.9	32
65	Viscosity change and structural transition of Molten Fe at 5 GPa. <i>Geophysical Research Letters</i> , 2002, 29, 68-1-68-3.	4.0	32
66	Solar power sail mission of OKEANOS. <i>Astrodynamics</i> , 2020, 4, 233-248.	2.4	32
67	Science exploration and instrumentation of the OKEANOS mission to a Jupiter Trojan asteroid using the solar power sail. <i>Planetary and Space Science</i> , 2018, 161, 99-106.	1.7	31
68	Characteristics of dawnside mid-latitude VLF emissions associated with substorms as deduced from the two-stationed direction finding measurement. <i>Planetary and Space Science</i> , 1986, 34, 225-243.	1.7	30
69	Superplastic behavior at high strain rates of a mechanically alloyed Al-Mg-Li alloy. <i>Scripta Metallurgica Et Materialia</i> , 1992, 26, 761-766.	1.0	30
70	Vertebral deformities in cultured red sea bream, <i>Pagrus major</i> , Temminck and Schlegel. <i>Aquaculture Research</i> , 2003, 34, 1129-1137.	1.8	30
71	The scientific rationale for the C1XS X-ray spectrometer on India's Chandrayaan-1 mission to the moon. <i>Planetary and Space Science</i> , 2009, 57, 725-734.	1.7	30
72	Anomalously porous boulders on (162173) Ryugu as primordial materials from its parent body. <i>Nature Astronomy</i> , 2021, 5, 766-774.	10.1	30

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73	Direct visualization of polypeptide shell of ferritin molecule by atomic force microscopy. <i>Biophysical Journal</i> , 1993, 65, 573-577.	0.5	29
74	Geotail observations of spiky electric fields and low-frequency waves in the plasma sheet and plasma sheet boundary. <i>Geophysical Research Letters</i> , 1994, 21, 2987-2990.	4.0	28
75	CPP-GMR reader and wraparound shield writer for perpendicular recording. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 2914-2919.	2.1	28
76	The Chandrayaan-1 X-ray Spectrometer: First results. <i>Planetary and Space Science</i> , 2012, 60, 217-228.	1.7	28
77	The associations of malnutrition and aging with fluid volume imbalance between intra- and extracellular water in patients with chronic kidney disease. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 986-993.	3.3	28
78	The spatial distribution of impact craters on Ryugu. <i>Icarus</i> , 2020, 338, 113527.	2.5	25
79	Detection of the virulent Marek's disease virus genome from feather tips of wild geese in Japan and the Far East region of Russia. <i>Archives of Virology</i> , 2007, 152, 1523-1526.	2.1	24
80	Very high strain rate superplasticity in a mechanically alloyed IN9052 aluminum alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1992, 159, L1-L4.	5.6	23
81	Japanese lunar exploration long-term plan. <i>Acta Astronautica</i> , 2006, 59, 68-76.	3.2	23
82	Mineral chemistry of MUSES [∞] Regio inferred from analysis of dust particles collected from the first and second touchdown sites on asteroid Itokawa. <i>Meteoritics and Planetary Science</i> , 2014, 49, 215-227.	1.6	23
83	Spectrally blue hydrated parent body of asteroid (162173) Ryugu. <i>Nature Communications</i> , 2021, 12, 5837.	12.8	23
84	Fire Resistance of Fire-Resistant Steel Columns. <i>Journal of Structural Engineering</i> , 1994, 120, 1103-1121.	3.4	22
85	Magnetopause characteristics during a four-hour interval of multiple crossings observed with GEOTAIL. <i>Geophysical Research Letters</i> , 1994, 21, 2895-2898.	4.0	21
86	Benzylacetate synthesis by oxyacetoxylation of toluene on Pd-Bi binary catalyst. <i>Topics in Catalysis</i> , 2000, 13, 243-248.	2.8	21
87	X-ray crystallographic studies for ligand-protein interaction changes in rhodopsin. <i>Biochemical Society Transactions</i> , 2004, 32, 738-741.	3.4	21
88	A flux rope followed by recurring encounters with traveling compression regions: GEOTAIL observations. <i>Geophysical Research Letters</i> , 1994, 21, 2891-2894.	4.0	20
89	GEOTAIL observations of electrostatic waves in the lower hybrid frequency range in the plasma sheet boundary layer. <i>Geophysical Research Letters</i> , 1994, 21, 2931-2934.	4.0	20
90	Lander and rover exploration on the lunar surface: A study for SELENE-B mission. <i>Advances in Space Research</i> , 2006, 37, 88-92.	2.6	20

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91	Hayabusa2 extended mission: New voyage to rendezvous with a small asteroid rotating with a short period. <i>Advances in Space Research</i> , 2021, 68, 1533-1555.	2.6	20
92	Valacyclovir neurotoxicity in a patient with end-stage renal disease treated with continuous ambulatory peritoneal dialysis. <i>Clinical Nephrology</i> , 2002, 58, 168-169.	0.7	20
93	Estimating insured residential losses from large flood scenarios on the Tone River, Japan – a data integration approach. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 3373-3382.	3.6	19
94	Effects of dust layers on thermal emission from airless bodies. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	19
95	Hayabusa2’s station-keeping operation in the proximity of the asteroid Ryugu. <i>Astrodynamics</i> , 2020, 4, 349-375.	2.4	19
96	The morningside low-latitude boundary layer as determined from electric and magnetic field measurements on Geotail. <i>Geophysical Research Letters</i> , 1994, 21, 2983-2986.	4.0	18
97	Measurements and analysis of antenna impedance aboard the Geotail spacecraft. <i>Radio Science</i> , 1997, 32, 1101-1126.	1.6	18
98	Pressure dependence of the OH-stretching mode in F-rich natural topaz and topaz-OH. <i>American Mineralogist</i> , 2005, 90, 266-270.	1.9	18
99	Imaging the source area of the 1995 southern Hyogo (Kobe) earthquake (M7.3) using double-difference tomography. <i>Earth and Planetary Science Letters</i> , 2007, 253, 143-150.	4.4	18
100	⁴⁰ Ar/ ³⁹ Ar age of material returned from asteroid 25143 Itokawa. <i>Meteoritics and Planetary Science</i> , 2015, 50, 2087-2098.	1.6	18
101	The MASCOT lander aboard Hayabusa2: The in-situ exploration of NEA (162173) Ryugu. <i>Planetary and Space Science</i> , 2021, 200, 105200.	1.7	18
102	Satellite and ground observations of HIPAS VLF modulation. <i>Geophysical Research Letters</i> , 1991, 18, 309-312.	4.0	17
103	EXOS’s observations of electric field fluctuations and charged particle precipitation in the polar cusp. <i>Geophysical Research Letters</i> , 1991, 18, 305-308.	4.0	17
104	Study on the write-field profile and intensity of narrow-track-width SPT head. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 235, 191-195.	2.3	17
105	Hayabusa2 Landing Site Selection: Surface Topography of Ryugu and Touchdown Safety. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	17
106	Are Ly1 B cells responsible for the IL2-hyperresponsiveness of B cells in autoimmune-prone NZB – NZW F1 mice?. <i>International Immunology</i> , 1989, 1, 99-103.	4.0	16
107	The science objectives of the SELENE-II mission as the post SELENE mission. <i>Advances in Space Research</i> , 2008, 42, 394-401.	2.6	16
108	Asymmetric six-strand core sutures enhance tendon fatigue strength and the optimal asymmetry. <i>Journal of Hand Surgery: European Volume</i> , 2016, 41, 802-808.	1.0	16

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109	Thermal Imaging Performance of TIR Onboard the Hayabusa2 Spacecraft. <i>Space Science Reviews</i> , 2017, 208, 239-254.	8.1	16
110	Improving Hayabusa2 trajectory by combining LIDAR data and a shape model. <i>Icarus</i> , 2020, 338, 113574.	2.5	16
111	Direct entry of dense flowing plasmas into the distant tail lobes. <i>Geophysical Research Letters</i> , 1994, 21, 2959-2962.	4.0	15
112	Optical control of two-photon excitation efficiency of $\hat{\pm}$ -perylene crystal by pulse shaping. <i>Journal of Chemical Physics</i> , 2004, 121, 6386-6391.	3.0	15
113	Infrared absorption by coupled surface-phonon-surface-plasmon modes in small GaAs crystals. <i>Journal of Physics C: Solid State Physics</i> , 1985, 18, 2361-2370.	1.5	14
114	Numerical estimation of lunar X-ray emission for X-ray spectrometer onboard SELENE. <i>Earth, Planets and Space</i> , 2008, 60, 283-292.	2.5	14
115	Jovian Trojan Asteroid Exploration by Solar Power Sail-craft. <i>Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan</i> , 2016, 14, Pk_1-Pk_7.	0.2	14
116	Wave form analysis of the continuum radiation observed by GEOTAIL. <i>Geophysical Research Letters</i> , 1994, 21, 2911-2914.	4.0	13
117	Electron density profiles in the ionospheric D-region estimated from MF radio wave absorption. <i>Advances in Space Research</i> , 2000, 25, 33-42.	2.6	13
118	Newly developed wraparound-shielded head for perpendicular recording. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 2899-2901.	2.1	13
119	Instrumentation and performance evaluation of the XRS on SELENE orbiter. <i>Earth, Planets and Space</i> , 2008, 60, 277-281.	2.5	13
120	High resolution Q^{-1} estimation based on extension of coda normalization method and its application to P -wave attenuation structure in the aftershock area of the 2005 West Off Fukuoka Prefecture Earthquake ($M > 7.0$). <i>Geophysical Journal International</i> , 2009, 179, 1039-1054.	2.4	13
121	Magnified Observation of Elevated Lesions of the Stomach Based on Magnifying Fiberoptic Endoscopy and Dissecting Microscopy. <i>Endoscopy</i> , 1981, 13, 192-196.	1.8	12
122	Low Frequency plasma wave Analyzer (LFA) onboard the PLANET-B spacecraft. <i>Earth, Planets and Space</i> , 1998, 50, 223-228.	2.5	12
123	Spin-valve heads using CrMnPt antiferromagnetic films. <i>IEEE Transactions on Magnetics</i> , 1999, 35, 677-682.	2.1	12
124	Cerivastatin Induces Carotid Artery Plaque Stabilization Independently of Cholesterol Lowering in Patients with Hypercholesterolaemia. <i>Journal of International Medical Research</i> , 2001, 29, 329-334.	1.0	12
125	Three-dimensional seismic velocity structure as determined by double-difference tomography in and around the focal area of the 2005 West off Fukuoka Prefecture earthquake. <i>Earth, Planets and Space</i> , 2006, 58, 1621-1626.	2.5	12
126	SpaceWire-based thermal-infrared imager system for asteroid sample return mission HAYABUSA2. <i>Journal of Applied Remote Sensing</i> , 2014, 8, 084987.	1.3	12

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127	Detection of X-ray fluorescence line feature from the lunar surface. <i>Advances in Space Research</i> , 1999, 23, 1829-1832.	2.6	11
128	X-ray fluorescence spectrometry with the SELENE orbiter. <i>Advances in Space Research</i> , 1999, 23, 1833-1836.	2.6	11
129	Lunar X-ray spectrometer experiment on the SELENE mission. <i>Advances in Space Research</i> , 2002, 30, 1909-1914.	2.6	11
130	Comparative immunobiology of thymic DC mRNA in autoimmune-prone mice. <i>Journal of Autoimmunity</i> , 2007, 28, 41-45.	6.5	11
131	Magnetic penetration depth and flux-flow resistivity measurements on NaFe _{0.97} Co _{0.03} As single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2013, 494, 109-112.	1.2	11
132	Sylvite and halite on particles recovered from 25143 Itokawa: A preliminary report. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1305-1314.	1.6	11
133	Penetration depth and flux-flow resistivity measurements of BaFe ₂ (As _{0.55} P _{0.45}) ₂ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2014, 504, 24-27.	1.2	11
134	Caveolin-3 regulates myostatin signaling. Mini-review. <i>Acta Myologica</i> , 2008, 27, 19-24.	1.5	11
135	Scientific exploration of lunar surface using a rover in Japanese future lunar mission. <i>Advances in Space Research</i> , 2002, 30, 1921-1926.	2.6	10
136	Earth and moon observations by thermal infrared imager on Hayabusa2 and the application to detectability of asteroid 162173 Ryugu. <i>Planetary and Space Science</i> , 2018, 158, 46-52.	1.7	10
137	Mid-infrared emissivity of partially dehydrated asteroid (162173) Ryugu shows strong signs of aqueous alteration. <i>Nature Communications</i> , 2022, 13, 364.	12.8	10
138	Occlusion of small hepatic veins associated with systemic lupus erythematosus with the lupus anticoagulant and anti-cardiolipin antibody. <i>Hepato-Gastroenterology</i> , 1989, 36, 393-7.	0.5	10
139	Initial remission-inducing effect of very low-dose cyclosporin monotherapy for minimal-change nephrotic syndrome in Japanese adults. <i>Clinical Nephrology</i> , 2001, 55, 143-8.	0.7	10
140	Magnified Observation of Elevated Borderline Lesions (Adenoma) of the Stomach Based on Dissecting Microscopy and Magnifying Fiberoptic Endoscopy. <i>Endoscopy</i> , 1981, 13, 234-237.	1.8	9
141	Raman study of thermally annealed silicon small particles and thin films. <i>Solid State Communications</i> , 1984, 52, 363-366.	1.9	9
142	Pc5 pulsations observed in the dayside magnetosphere by Geotail. <i>Geophysical Research Letters</i> , 1994, 21, 2903-2906.	4.0	9
143	Hermaphroditism in a captive-raised Pacific bluefin tuna. <i>Journal of Fish Biology</i> , 2002, 60, 263-265.	1.6	9
144	Time-resolved SFG study of formate on a Ni() surface under irradiation of picosecond laser pulses. <i>Surface Science</i> , 2003, 528, 183-188.	1.9	9

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145	X-ray fluorescence/diffraction analyzer for the SELENE-B lander/rover mission. <i>Advances in Space Research</i> , 2003, 31, 2363-2367.	2.6	9
146	Development of an extreme ultraviolet imaging spectrometer for the BepiColombo mission. <i>Advances in Space Research</i> , 2004, 33, 2195-2199.	2.6	9
147	Sublimation's impact on temporal change of albedo dichotomy on Iapetus. <i>Icarus</i> , 2011, 214, 596-605.	2.5	9
148	Low energy excitations inside the vortex core of LiFe(As, P) single crystals investigated by microwave-surface impedance. <i>Physica C: Superconductivity and Its Applications</i> , 2013, 484, 27-30.	1.2	9
149	Chemical and mineralogical compositions of two grains recovered from asteroid Itokawa. <i>Meteoritics and Planetary Science</i> , 2015, 50, 243-254.	1.6	9
150	Characterization of the Ryugu surface by means of the variability of the near-infrared spectral slope in NIRS3 data. <i>Icarus</i> , 2020, 351, 113959.	2.5	9
151	System Designing of Solar Power Sail-craft for Jupiter Trojan Asteroid Exploration. <i>Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan</i> , 2018, 16, 328-333.	0.2	9
152	Absolute intensities of low-latitude whistlers as deduced from the direction-finding measurement. <i>Radio Science</i> , 1985, 20, 985-988.	1.6	8
153	Dynamic and static collapse tests of reinforced-concrete columns. <i>Nuclear Engineering and Design</i> , 1995, 156, 269-276.	1.7	8
154	X-ray fluorescence spectrometer onboard Muses-C. <i>Advances in Space Research</i> , 2000, 25, 345-348.	2.6	8
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