

# Tatsuaki Okada

## List of Publications by Year in descending order

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216  
papers

9,594  
citations

57681

46  
h-index

49824

91  
g-index

268  
all docs

268  
docs citations

268  
times ranked

6000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Samples returned from the asteroid Ryugu are similar to Ivuna-type carbonaceous meteorites. <i>Science</i> , 2023, 379, .	6.0	97
2	Mid-infrared emissivity of partially dehydrated asteroid (162173) Ryugu shows strong signs of aqueous alteration. <i>Nature Communications</i> , 2022, 13, 364.	5.8	10
3	Pebbles and sand on asteroid (162173) Ryugu: In situ observation and particles returned to Earth. <i>Science</i> , 2022, 375, 1011-1016.	6.0	78
4	Three-axial shape distributions of pebbles, cobbles and boulders smaller than a few meters on asteroid Ryugu. <i>Icarus</i> , 2022, 381, 115007.	1.1	1
5	Preliminary analysis of the Hayabusa2 samples returned from C-type asteroid Ryugu. <i>Nature Astronomy</i> , 2022, 6, 214-220.	4.2	136
6	First compositional analysis of Ryugu samples by the MicrOmega hyperspectral microscope. <i>Nature Astronomy</i> , 2022, 6, 221-225.	4.2	65
7	Mission objectives, planning, and achievements of Hayabusa2. , 2022, , 5-23.		3
8	Development of Numerical Model of the Thermal State of an Asteroid with Locally Rough Surface and Its Application. <i>International Journal of Thermophysics</i> , 2022, 43, 1.	1.0	1
9	Calibration and performances of the MicrOmega instrument for the characterization of asteroid Ryugu returned samples. <i>Review of Scientific Instruments</i> , 2022, 93, .	0.6	5
10	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.	1.6	77
11	Site selection for the Hayabusa2 artificial cratering and subsurface material sampling on Ryugu. <i>Planetary and Space Science</i> , 2022, 219, 105519.	0.9	4
12	NIRS3 spectral analysis of the artificial Omusubi-Kororin crater on Ryugu. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 6173-6182.	1.6	1
13	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.	1.5	82
14	Collisional history of Ryugu's parent body from bright surface boulders. <i>Nature Astronomy</i> , 2021, 5, 39-45.	4.2	42
15	Thermally altered subsurface material of asteroid (162173) Ryugu. <i>Nature Astronomy</i> , 2021, 5, 246-250.	4.2	47
16	Anomalously porous boulders on (162173) Ryugu as primordial materials from its parent body. <i>Nature Astronomy</i> , 2021, 5, 766-774.	4.2	30
17	Geometric correction for thermographic images of asteroid 162173 Ryugu by TIR (thermal infrared) Tj ETQq1 1 0.784314 rgBT /Overload	0.9	1
18	The MASCOT lander aboard Hayabusa2: The in-situ exploration of NEA (162173) Ryugu. <i>Planetary and Space Science</i> , 2021, 200, 105200.	0.9	18

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19	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.	1.2	20
20	Hayabusa2 operation for MASCOT delivery to Ryugu surface. <i>Planetary and Space Science</i> , 2021, 205, 105288.	0.9	3
21	Spectrally blue hydrated parent body of asteroid (162173) Ryugu. <i>Nature Communications</i> , 2021, 12, 5837.	5.8	23
22	YORP Effect on Asteroid 162173 Ryugu: Implications for the Dynamical History. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006863.	1.5	4
23	The spatial distribution of impact craters on Ryugu. <i>Icarus</i> , 2020, 338, 113527.	1.1	25
24	Solar power sail mission of OKEANOS. <i>Astrodynamics</i> , 2020, 4, 233-248.	1.5	32
25	Improving Hayabusa2 trajectory by combining LIDAR data and a shape model. <i>Icarus</i> , 2020, 338, 113574.	1.1	16
26	Hayabusa2 Landing Site Selection: Surface Topography of Ryugu and Touchdown Safety. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	17
27	Hayabusa2's station-keeping operation in the proximity of the asteroid Ryugu. <i>Astrodynamics</i> , 2020, 4, 349-375.	1.5	19
28	The process for the selection of MASCOT landing site on Ryugu: Design, execution and results. <i>Planetary and Space Science</i> , 2020, 194, 105086.	0.9	6
29	Sample collection from asteroid (162173) Ryugu by Hayabusa2: Implications for surface evolution. <i>Science</i> , 2020, 368, 654-659.	6.0	158
30	Thermophysical properties of the surface of asteroid 162173 Ryugu: Infrared observations and thermal inertia mapping. <i>Icarus</i> , 2020, 348, 113835.	1.1	48
31	Highly porous nature of a primitive asteroid revealed by thermal imaging. <i>Nature</i> , 2020, 579, 518-522.	13.7	100
32	An artificial impact on the asteroid (162173) Ryugu formed a crater in the gravity-dominated regime. <i>Science</i> , 2020, 368, 67-71.	6.0	183
33	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.	1.1	9
34	Thermography of Asteroid and Future Applications in Space Missions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2158.	1.3	3
35	Effects of dust layers on thermal emission from airless bodies. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	1.1	19
36	Low thermal conductivity boulder with high porosity identified on C-type asteroid (162173) Ryugu. <i>Nature Astronomy</i> , 2019, 3, 971-976.	4.2	124

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37	Images from the surface of asteroid Ryugu show rocks similar to carbonaceous chondrite meteorites. Science, 2019, 365, 817-820.	6.0	99
38	The surface composition of asteroid 162173 Ryugu from Hayabusa2 near-infrared spectroscopy. Science, 2019, 364, 272-275.	6.0	262
39	Hayabusa2 arrives at the carbonaceous asteroid 162173 Ryugu—A spinning top-shaped rubble pile. Science, 2019, 364, 268-272.	6.0	410
40	The geomorphology, color, and thermal properties of Ryugu: Implications for parent-body processes. Science, 2019, 364, 252.	6.0	313
41	Asteroid Ryugu before the Hayabusa2 encounter. Progress in Earth and Planetary Science, 2018, 5, .	1.1	39
42	Hayabusa2-Ryugu proximity operation planning and landing site selection. Acta Astronautica, 2018, 151, 217-227.	1.7	36
43	Science exploration and instrumentation of the OKEANOS mission to a Jupiter Trojan asteroid using the solar power sail. Planetary and Space Science, 2018, 161, 99-106.	0.9	31
44	Earth and moon observations by thermal infrared imager on Hayabusa2 and the application to detectability of asteroid 162173 Ryugu. Planetary and Space Science, 2018, 158, 46-52.	0.9	10
45	System Designing of Solar Power Sail-craft for Jupiter Trojan Asteroid Exploration. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2018, 16, 328-333.	0.1	9
46	Mapping Trojan asteroids in the thermal infrared with TROTIS. , 2018, , .		1
47	MASCOT—The Mobile Asteroid Surface Scout Onboard the Hayabusa2 Mission. Space Science Reviews, 2017, 208, 339-374.	3.7	100
48	HEAT: Image and database browser for the thermal imager on Hayabusa2. , 2017, , .		2
49	Thermal Infrared Imaging Experiments of C-Type Asteroid 162173 Ryugu on Hayabusa2. Space Science Reviews, 2017, 208, 255-286.	3.7	64
50	Thermal Imaging Performance of TIR Onboard the Hayabusa2 Spacecraft. Space Science Reviews, 2017, 208, 239-254.	3.7	16
51	The Camera of the MASCOT Asteroid Lander on Board Hayabusa 2. Space Science Reviews, 2017, 208, 375-400.	3.7	46
52	Nanoscale Observation of Intact Biological Specimens in Water with High-contrast Imaging by Scanning Electron Assisted Dielectric-impedance Microscopy. Microscopy and Microanalysis, 2017, 23, 1156-1157.	0.2	0
53	Thermal Imaging Performance of TIR Onboard the Hayabusa2 Spacecraft. , 2017, , 239-254.		0
54	Asymmetric six-strand core sutures enhance tendon fatigue strength and the optimal asymmetry. Journal of Hand Surgery: European Volume, 2016, 41, 802-808.	0.5	16

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55	Jovian Trojan Asteroid Exploration by Solar Power Sail-craft. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2016, 14, Pk_1-Pk_7.	0.1	14
56	IL-10 gene transfer upregulates arcuate POMC and ameliorates hyperphagia, obesity and diabetes by substituting for leptin. International Journal of Obesity, 2016, 40, 425-433.	1.6	39
57	MASCOTâ€”The Mobile Asteroid Surface Scout Onboard the Hayabusa2 Mission. , 2016, , 339-374.		78
58	Thermal Infrared Imaging Experiments of C-Type Asteroid 162173 Ryugu on Hayabusa2. , 2016, , 255-286.		0
59	The associations of malnutrition and aging with fluid volume imbalance between intra- and extracellular water in patients with chronic kidney disease. Journal of Nutrition, Health and Aging, 2015, 19, 986-993.	1.5	28
60	<sup>40</sup>Ar/<sup>39</sup>Ar age of material returned from asteroid 25143 Itokawa. Meteoritics and Planetary Science, 2015, 50, 2087-2098.	0.7	18
61	Salvage chemoradiotherapy for locally advanced esophageal carcinomas. Ecological Management and Restoration, 2015, 28, 460-467.	0.2	0
62	Chemical and mineralogical compositions of two grains recovered from asteroid Itokawa. Meteoritics and Planetary Science, 2015, 50, 243-254.	0.7	9
63	Mineral chemistry of <scp>MUSES</scp>â€”Regio inferred from analysis of dust particles collected from the firstâ€”and secondâ€”touchdown sites on asteroid Itokawa. Meteoritics and Planetary Science, 2014, 49, 215-227.	0.7	23
64	Sylvite and halite on particles recovered from 25143 Itokawa: A preliminary report. Meteoritics and Planetary Science, 2014, 49, 1305-1314.	0.7	11
65	Space weathered rims found on the surfaces of the Itokawa dust particles. Meteoritics and Planetary Science, 2014, 49, 188-214.	0.7	127
66	Investigation of cutting methods for small samples of Hayabusa and future sample return missions. Meteoritics and Planetary Science, 2014, 49, 1186-1201.	0.7	3
67	SpaceWire-based thermal-infrared imager system for asteroid sample return mission HAYABUSA2. Journal of Applied Remote Sensing, 2014, 8, 084987.	0.6	12
68	Crystallization temperature determination of Itokawa particles by plagioclase thermometry with Xâ€”ray diffraction data obtained by a highâ€”resolution synchrotron Gandolfi camera. Meteoritics and Planetary Science, 2014, 49, 237-244.	0.7	6
69	Penetration depth and flux-flow resistivity measurements of BaFe <sub>2</sub> (As <sub>0.55</sub> P <sub>0.45</sub> ) <sub>2</sub> single crystals. Physica C: Superconductivity and Its Applications, 2014, 504, 24-27.	0.6	11
70	Endoplasmic reticulum stress-induced apoptosis contributes to articular cartilage degeneration via C/EBP homologous protein. Osteoarthritis and Cartilage, 2014, 22, 1007-1017.	0.6	100
71	Hayabusaâ€”returned sample curation in the Planetary Material Sample Curation Facility of JAXA. Meteoritics and Planetary Science, 2014, 49, 135-153.	0.7	70
72	Hayabusa2: Scientific importance of samples returned from C-type near-Earth asteroid (162173) 1999 JU3. Geochemical Journal, 2014, 48, 571-587.	0.5	103

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73	Astaxanthin ameliorates heat stress-induced impairment of blastocyst development In Vitro: "astaxanthin colocalization with and action on mitochondria". Journal of Assisted Reproduction and Genetics, 2013, 30, 623-631.	1.2	48
74	P.1.19 Impaired viability of muscle precursor cells in muscular dystrophy with glycosylation defects and amelioration of its severe phenotype by limited gene expression. Neuromuscular Disorders, 2013, 23, 747.	0.3	0
75	Magnetic penetration depth and flux-flow resistivity measurements on NaFe <sub>0.97</sub> Co <sub>0.03</sub> As single crystals. Physica C: Superconductivity and Its Applications, 2013, 494, 109-112.	0.6	11
76	Low energy excitations inside the vortex core of LiFe(As, P) single crystals investigated by microwave-surface impedance. Physica C: Superconductivity and Its Applications, 2013, 484, 27-30.	0.6	9
77	An Attempt to Identify Minerals in the Itokawa Dust Particles by Micro-Raman Spectroscopy. Bunseki Kagaku, 2012, 61, 299-310.	0.1	4
78	Preliminary organic compound analysis of microparticles returned from Asteroid 25143 Itokawa by the Hayabusa mission. Geochemical Journal, 2012, 46, 61-72.	0.5	39
79	The Chandrayaan-1 X-ray Spectrometer: First results. Planetary and Space Science, 2012, 60, 217-228.	0.9	28
80	Incipient Space Weathering Observed on the Surface of Itokawa Dust Particles. Science, 2011, 333, 1121-1125.	6.0	257
81	Itokawa Dust Particles: A Direct Link Between S-Type Asteroids and Ordinary Chondrites. Science, 2011, 333, 1113-1116.	6.0	487
82	Estimating insured residential losses from large flood scenarios on the Tone River, Japan " a data integration approach. Natural Hazards and Earth System Sciences, 2011, 11, 3373-3382.	1.5	19
83	Sublimation's impact on temporal change of albedo dichotomy on Iapetus. Icarus, 2011, 214, 596-605.	1.1	9
84	Sub-wavelength micromachining of silica glass by irradiation of CO <sub>2</sub> laser with Fresnel diffraction. Applied Physics A: Materials Science and Processing, 2011, 104, 593-599.	1.1	4
85	Irradiation History of Itokawa Regolith Material Deduced from Noble Gases in the Hayabusa Samples. Science, 2011, 333, 1128-1131.	6.0	128
86	Methylation level of the RASSF1A promoter is an independent prognostic factor for clear-cell renal cell carcinoma. Annals of Oncology, 2010, 21, 1612-1617.	0.6	39
87	P3.22 Reprogrammed fibroblasts as a feasible source of cell-based therapy for muscular dystrophy. Neuromuscular Disorders, 2010, 20, 647.	0.3	0
88	LAPLACE: A mission to Europa and the Jupiter System for ESA's Cosmic Vision Programme. Experimental Astronomy, 2009, 23, 849-892.	1.6	38
89	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 ( $M > 7.0$ ). Geophysical Journal International, 2009, 179, 1039-1054.	1.0	13
90	The scientific rationale for the C1XS X-ray spectrometer on India's Chandrayaan-1 mission to the moon. Planetary and Space Science, 2009, 57, 725-734.	0.9	30

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91	The C1XS X-ray Spectrometer on Chandrayaan-1. Planetary and Space Science, 2009, 57, 717-724.	0.9	54
92	Influence of darbepoetin-alpha therapy on HbA1c values in hemodialysis patients. Clinical Nephrology, 2009, 72, 244-246.	0.4	6
93	CNT-FIELD EMITTER BASED COMPACT X-RAY TUBE FOR SPACE MISSION. , 2009, , 343-354.		0
94	The science objectives of the SELENE-II mission as the post SELENE mission. Advances in Space Research, 2008, 42, 394-401.	1.2	16
95	Current status of X-ray spectrometer development in the SELENE project. Advances in Space Research, 2008, 42, 305-309.	1.2	6
96	Origin of CD57+ T cells which increase at tumour sites in patients with colorectal cancer. Clinical and Experimental Immunology, 2008, 102, 159-166.	1.1	66
97	D.P.3.13 A small-molecule inhibitor targeting transforming growth factor- $\beta$ type I receptor kinase ameliorates muscular atrophy in a mouse model of caveolin-3-deficient muscular dystrophy. Neuromuscular Disorders, 2008, 18, 768-769.	0.3	0
98	Sulfur abundance of asteroid 25143 Itokawa observed by X-ray fluorescence spectrometer onboard Hayabusa. Earth, Planets and Space, 2008, 60, 21-31.	0.9	8
99	Instrumentation and performance evaluation of the XRS on SELENE orbiter. Earth, Planets and Space, 2008, 60, 277-281.	0.9	13
100	Numerical estimation of lunar X-ray emission for X-ray spectrometer onboard SELENE. Earth, Planets and Space, 2008, 60, 283-292.	0.9	14
101	Laboratory experiments of particle size effect in X-ray fluorescence and implications to remote X-ray spectrometry of lunar regolith surface. Earth, Planets and Space, 2008, 60, 293-297.	0.9	47
102	Deterministic chaos in electromagnetic fields. Journal of Atmospheric Electricity, 2008, 28, 79-85.	0.1	0
103	Caveolin-3 regulates myostatin signaling. Mini-review. Acta Myologica, 2008, 27, 19-24.	1.5	11
104	Imaging the source area of the 1995 southern Hyogo (Kobe) earthquake (M7.3) using double-difference tomography. Earth and Planetary Science Letters, 2007, 253, 143-150.	1.8	18
105	Comparative immunobiology of thymic DC mRNA in autoimmune-prone mice. Journal of Autoimmunity, 2007, 28, 41-45.	3.0	11
106	Schooling behaviour and retinomotor response of juvenile Pacific bluefin tuna <i>Thunnus orientalis</i> under different light intensities. Journal of Fish Biology, 2007, 71, 411-420.	0.7	43
107	Detection of the virulent Marek's disease virus genome from feather tips of wild geese in Japan and the Far East region of Russia. Archives of Virology, 2007, 152, 1523-1526.	0.9	24
108	The Rubble-Pile Asteroid Itokawa as Observed by Hayabusa. Science, 2006, 312, 1330-1334.	6.0	761

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109	Japanese lunar exploration long-term plan. <i>Acta Astronautica</i> , 2006, 59, 68-76.	1.7	23
110	Lander and rover exploration on the lunar surface: A study for SELENE-B mission. <i>Advances in Space Research</i> , 2006, 37, 88-92.	1.2	20
111	Touchdown of the Hayabusa Spacecraft at the Muses Sea on Itokawa. <i>Science</i> , 2006, 312, 1350-1353.	6.0	349
112	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.	0.9	12
113	X-ray Fluorescence Spectrometry of Asteroid Itokawa by Hayabusa. <i>Science</i> , 2006, 312, 1338-1341.	6.0	99
114	INSTRUMENTATION AND OBSERVATIONS OF THE X-RAY SPECTROMETER ONBOARD HAYABUSA. , 2006, , 231-240.		2
115	CPP-GMR reader and wraparound shield writer for perpendicular recording. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 2914-2919.	1.2	28
116	Newly developed wraparound-shielded head for perpendicular recording. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 2899-2901.	1.2	13
117	Properties of side-shielded read heads in longitudinal and perpendicular recording. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 4347-4349.	1.2	6
118	Pressure dependence of the OH-stretching mode in F-rich natural topaz and topaz-OH. <i>American Mineralogist</i> , 2005, 90, 266-270.	0.9	18
119	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.	0.9	44
120	Investigation of electron density profile in the lower ionosphere by SRP-4 rocket experiment. <i>Earth, Planets and Space</i> , 2005, 57, 879-884.	0.9	7
121	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.	1.2	15
122	Development of an extreme ultraviolet imaging spectrometer for the BepiColombo mission. <i>Advances in Space Research</i> , 2004, 33, 2195-2199.	1.2	9
123	Single-Pole/TMR Heads for 140- $\mu\text{m}$ Perpendicular Recording. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 290-294.	1.2	34
124	X-ray crystallographic studies for ligand-protein interaction changes in rhodopsin. <i>Biochemical Society Transactions</i> , 2004, 32, 738-741.	1.6	21
125	Time-resolved SFG study of formate on a Ni() surface under irradiation of picosecond laser pulses. <i>Surface Science</i> , 2003, 528, 183-188.	0.8	9
126	Vertebral deformities in cultured red sea bream, <i>Pagrus major</i> , Temminck and Schlegel. <i>Aquaculture Research</i> , 2003, 34, 1129-1137.	0.9	30



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127	X-ray fluorescence/diffraction analyzer for the SELENE-B lander/rover mission. <i>Advances in Space Research</i> , 2003, 31, 2363-2367.	1.2	9
128	Title is missing!. <i>Journal of the Robotics Society of Japan</i> , 2003, 21, 462-467.	0.0	0
129	Viscosity change and structural transition of Molten Fe at 5 GPa. <i>Geophysical Research Letters</i> , 2002, 29, 68-1-68-3.	1.5	32
130	Elemental mapping of asteroid 1989ML from MUSES-C orbiter. <i>Advances in Space Research</i> , 2002, 29, 1237-1242.	1.2	3
131	Lunar X-ray spectrometer experiment on the SELENE mission. <i>Advances in Space Research</i> , 2002, 30, 1909-1914.	1.2	11
132	Scientific exploration of lunar surface using a rover in Japanese future lunar mission. <i>Advances in Space Research</i> , 2002, 30, 1921-1926.	1.2	10
133	Hermaphroditism in a captive-raised Pacific bluefin tuna. <i>Journal of Fish Biology</i> , 2002, 60, 263-265.	0.7	9
134	Humanoid Robots in Waseda University—Hadaly-2 and WABIAN. <i>Autonomous Robots</i> , 2002, 12, 25-38.	3.2	75
135	Valacyclovir neurotoxicity in a patient with end-stage renal disease treated with continuous ambulatory peritoneal dialysis. <i>Clinical Nephrology</i> , 2002, 58, 168-169.	0.4	20
136	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.	0.9	64
137	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.	1.0	17
138	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.	0.4	12
139	Low-Order Linear Model Identification Method of Power System by Frequency-Domain Least-Squares Approximation. <i>IEEJ Transactions on Power and Energy</i> , 2001, 121, 52-59.	0.1	4
140	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.	0.4	10
141	The surface characterization of the early stages of the oxidation of titanium. <i>Materials at High Temperatures</i> , 2000, 17, 13-21.	0.5	6
142	Electron density profiles in the ionospheric D-region estimated from MF radio wave absorption. <i>Advances in Space Research</i> , 2000, 25, 33-42.	1.2	13
143	X-ray fluorescence spectrometer onboard Muses-C. <i>Advances in Space Research</i> , 2000, 25, 345-348.	1.2	8
144	Benzylacetate synthesis by oxyacetoxylation of toluene on Pd—Bi binary catalyst. <i>Topics in Catalysis</i> , 2000, 13, 243-248.	1.3	21

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145	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.	1.1	56
146	Detection of X-ray fluorescence line feature from the lunar surface. <i>Advances in Space Research</i> , 1999, 23, 1829-1832.	1.2	11
147	Photometric properties of the Moon: Phase curves at small phase angles ( $0 \leq \alpha \leq 10^\circ$ ) by clementine images. <i>Advances in Space Research</i> , 1999, 23, 1841-1844.	1.2	4
148	X-ray fluorescence spectrometry with the SELENE orbiter. <i>Advances in Space Research</i> , 1999, 23, 1833-1836.	1.2	11
149	Electron temperature and density of magnetospheric plasma from GEOTAIL spacecraft potentials. <i>Advances in Space Research</i> , 1999, 24, 129-132.	1.2	4
150	Catalytic activity of iron compounds for coal liquefaction. <i>Fuel</i> , 1999, 78, 1867-1873.	3.4	42
151	Magnetic structure evolution in mechanically milled nanostructured ZnFe <sub>2</sub> O <sub>4</sub> particles. <i>Scripta Materialia</i> , 1999, 12, 737-740.	0.5	90
152	Spin-valve heads using CrMnPt antiferromagnetic films. <i>IEEE Transactions on Magnetics</i> , 1999, 35, 677-682.	1.2	12
153	Dialysate CA125 levels in stable peritoneal dialysis patients. <i>Clinical Nephrology</i> , 1999, 51, 65-6.	0.4	5
154	Chemopreventive effects of ferulic acid on oral and rice germ on large bowel carcinogenesis. <i>Anticancer Research</i> , 1999, 19, 3775-8.	0.5	80
155	Low Frequency plasma wave Analyzer (LFA) onboard the PLANET-B spacecraft. <i>Earth, Planets and Space</i> , 1998, 50, 223-228.	0.9	12
156	Application of altimeter experiments of Planet-B orbiter to the exploration of Martian surface and subsurface layers. <i>Earth, Planets and Space</i> , 1998, 50, 235-240.	0.9	1
157	Evaluation of coronary arterial stenoses before and after percutaneous transluminal coronary angioplasty using magnetic resonance coronary angiography. <i>Minimally Invasive Therapy and Allied Technologies</i> , 1998, 7, 399-405.	0.6	1
158	Measurements and analysis of antenna impedance aboard the Geotail spacecraft. <i>Radio Science</i> , 1997, 32, 1101-1126.	0.8	18
159	Optical properties of a lateral array of GaAs quantum wires grown by flow rate modulation epitaxy. <i>Superlattices and Microstructures</i> , 1997, 22, 353-358.	1.4	2
160	Multiple Thin Layers of Enhanced Ionization in the Ionospheric E-Region Derived from VLF Wave Measurements. <i>Journal of Geomagnetism and Geoelectricity</i> , 1997, 49, 69-76.	0.8	1
161	Synergistic activation of Ptdlns 3-kinase by tyrosine-phosphorylated peptide and $\beta$ -subunits of GTP-binding proteins. <i>Biochemical Journal</i> , 1996, 317, 475-480.	1.7	54
162	The boundary structure at the distant magnetotail lobe. <i>Advances in Space Research</i> , 1996, 18, 9-16.	1.2	1

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