

Guo Chen

List of Publications by Year in descending order

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109
papers

6,649
citations

71102

41
h-index

66911

78
g-index

110
all docs

110
docs citations

110
times ranked

9524
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of microcystins, a blue-green algal hepatotoxin, in drinking water sampled in Haimen and Fusui, endemic areas of primary liver cancer in China, by highly sensitive immunoassay. <i>Carcinogenesis</i> , 1996, 17, 1317-1321.	2.8	665
2	<scp>ULK</scp> 1 translocates to mitochondria and phosphorylates <scp>FUNDC</scp> 1 to regulate mitophagy. <i>EMBO Reports</i> , 2014, 15, 566-575.	4.5	435
3	A Regulatory Signaling Loop Comprising the PGAM5 Phosphatase and CK2 Controls Receptor-Mediated Mitophagy. <i>Molecular Cell</i> , 2014, 54, 362-377.	9.7	433
4	Observation of a Charged Charmoniumlike Structure $\frac{Z}{4020} Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td (stretchy="false")$	5.1	120
5	Copy number variation in schizophrenia in Sweden. <i>Molecular Psychiatry</i> , 2014, 19, 762-773.	7.9	257
6	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
7	Local and Propagated Vascular Responses Evoked by Focal Synaptic Activity in Cerebellar Cortex. <i>Journal of Neurophysiology</i> , 1997, 78, 651-659.	1.8	230
8	Ground-based detection of an extended helium atmosphere in the Saturn-mass exoplanet WASP-69b. <i>Science</i> , 2018, 362, 1388-1391.	12.6	174
9	Lithium Decreases Membrane-associated Protein Kinase C in Hippocampus: Selectivity for the α Isozyme. <i>Journal of Neurochemistry</i> , 1993, 61, 2303-2310.	3.9	146
10	Clinical value of proton magnetic resonance spectroscopy for differentiating recurrent or residual brain tumor from delayed cerebral necrosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 36, 1251-1261.	0.8	129
11	Detection of He I λ 10830 absorption on HD 189733 b with CARMENES high-resolution transmission spectroscopy. <i>Astronomy and Astrophysics</i> , 2018, 620, A97.	5.1	120
12	Atmospheric characterization of the ultra-hot Jupiter MASCARA-2b/KELT-20b. <i>Astronomy and Astrophysics</i> , 2019, 628, A9.	5.1	117
13	Apoptosis in Gastric Epithelial Cells Is Induced by Helicobacter pylori and Accompanied by Increased Expression of BAK. <i>Biochemical and Biophysical Research Communications</i> , 1997, 239, 626-632.	2.1	107
14	A limited survey of fumonisins in corn and corn-based products in Asian countries. <i>Mycotoxin Research</i> , 1993, 9, 27-34.	2.3	99
15	TNF modulates endothelial properties by decreasing cAMP. <i>American Journal of Physiology - Cell Physiology</i> , 1995, 268, C1104-C1113.	4.6	97
16	Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. <i>Astronomy and Astrophysics</i> , 2019, 628, A39.	5.1	97
17	Granulocyte-macrophage colony-stimulating factor preferentially activates the 94-kD STAT5A and an 80-kD STAT5A isoform in human peripheral blood monocytes. <i>Blood</i> , 1996, 88, 1206-1214.	1.4	90
18	Physical properties, transmission and emission spectra of the WASP-19 planetary system from multi-colour photometry.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2-18.	4.4	90

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19	Ionized calcium in the atmospheres of two ultra-hot exoplanets WASP-33b and KELT-9b. <i>Astronomy and Astrophysics</i> , 2019, 632, A69.	5.1	85
20	Characterization of the DNA-Binding Domain of the Bovine Papillomavirus Replication Initiator E1. <i>Journal of Virology</i> , 1998, 72, 2567-2576.	3.4	80
21	Expression Cloning and Receptor Pharmacology of Human Calcitonin Receptors from MCF-7 Cells and Their Relationship to Amylin Receptors. <i>Molecular Pharmacology</i> , 1997, 52, 1164-1175.	2.3	76
22	Na I and H α absorption features in the atmosphere of MASCARA-2b/KELT-20b. <i>Astronomy and Astrophysics</i> , 2018, 616, A151.	5.1	73
23	Functional parasagittal compartments in the rat cerebellar cortex: an in vivo optical imaging study using neutral red. <i>Journal of Neurophysiology</i> , 1996, 76, 4169-4174.	1.8	72
24	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. <i>Physical Review D</i> , 2014, 89, .	4.7	69
25	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2018, 616, A145.	5.1	68
26	Is ethnicity a risk factor for developing preeclampsia? An analysis of the prevalence of preeclampsia in China. <i>Journal of Human Hypertension</i> , 2014, 28, 694-698.	2.2	67
27	Search for linkage to schizophrenia on the X and Y chromosomes. <i>American Journal of Medical Genetics Part A</i> , 1994, 54, 113-121.	2.4	66
28	Combination of CDF and D_0 -Boson mass measurements. <i>Physical Review D</i> , 2013, 88, .	4.7	66
29	A He α upper atmosphere around the warm Neptune GJ 3470 b. <i>Astronomy and Astrophysics</i> , 2020, 638, A61.	5.1	65
30	Detection of Na, K, and H α absorption in the atmosphere of WASP-52b using ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 635, A171.	5.1	62
31	GROUND-BASED DETECTIONS OF THERMAL EMISSION FROM THE DENSE HOT JUPITER WASP-43b IN THE H α AND K _s BANDS. <i>Astrophysical Journal</i> , 2013, 770, 70.	4.5	60
32	The treatment of stage III nonsmall cell lung cancer using high dose conformal radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995, 33, 1001-1007.	0.8	59
33	Observation of s -Channel Production of Single Top Quarks at the Tevatron. <i>Physical Review Letters</i> , 2014, 112, 231803.	7.8	56
34	Interleukin-8 Inhibits Non-Small Cell Lung Cancer Proliferation: A Possible Role for Regulation of Tumor Growth by Autocrine and Paracrine Pathways. <i>Journal of Interferon and Cytokine Research</i> , 1996, 16, 53-60.	1.2	54
35	Optical responses evoked by cerebellar surface stimulation in vivo using Neutral Red. <i>Neuroscience</i> , 1998, 84, 645-668.	2.3	54
36	Broad-band transmission spectrum and K-band thermal emission of WASP-43b as observed from the ground. <i>Astronomy and Astrophysics</i> , 2014, 563, A40.	5.1	51

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37	Physical properties of the WASP-44 planetary system from simultaneous multi-colour photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2932-2942.	4.4	48
38	Subtypes of major depression: latent class analysis in depressed Han Chinese women. <i>Psychological Medicine</i> , 2014, 44, 3275-3288.	4.5	48
39	An optical transmission spectrum of the giant planet WASP-36b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1393-1402.	4.4	48
40	Thermotolerance induces heat shock protein 72 expression and protects against ischaemia-reperfusion-induced lung injury. <i>British Journal of Surgery</i> , 2003, 85, 943-946.	0.3	47
41	Is there Na ⁺ in the atmosphere of HD 209458b?. <i>Astronomy and Astrophysics</i> , 2020, 635, A206.	5.1	47
42	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 642, A173.	5.1	47
43	A temperature inversion with atomic iron in the ultra-hot dayside atmosphere of WASP-189b. <i>Astronomy and Astrophysics</i> , 2020, 640, L5.	5.1	46
44	Tumor suppressor genes and their roles in breast cancer. <i>Breast Cancer Research and Treatment</i> , 1994, 32, 19-38.	2.5	44
45	High-precision photometry by telescope defocusing - V. WASP-15 and WASP-16.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1300-1308.	4.4	44
46	Effects of Valproic Acid on β_2 -adrenergic Receptors, G-proteins, and Adenylyl Cyclase in Rat C6 Glioma Cells. <i>Neuropsychopharmacology</i> , 1996, 15, 271-280.	5.4	42
47	Structural and Enzymatic Studies of a New Analogue of Coenzyme B ₁₂ with an β -Adenosyl Upper Axial Ligand. <i>Biochemistry</i> , 1998, 37, 9704-9715.	2.5	42
48	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2017, 600, L11.	5.1	42
49	The atmosphere of HD 209458b seen with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 647, A26.	5.1	41
50	Imbalanced functional link between valuation networks in abstinent heroin-dependent subjects. <i>Molecular Psychiatry</i> , 2014, 19, 10-12.	7.9	40
51	Chitinase Activity of <i>Xenorhabdus</i> and <i>Photorhabdus</i> Species, Bacterial Associates of Entomopathogenic Nematodes. <i>Journal of Invertebrate Pathology</i> , 1996, 68, 101-108.	3.2	38
52	Dopamine levels of two classes of vesicles are differentially depleted by amphetamine. <i>Brain Research</i> , 1998, 788, 294-301.	2.2	38
53	Separation of mouse crushed muscle extract into distinct mitogenic activities by heparin affinity chromatography. <i>Journal of Cellular Physiology</i> , 1994, 160, 563-572.	4.1	37
54	Patterns of failure in children with medulloblastoma: Effects of preirradiation chemotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 39, 15-24.	0.8	37

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55	Physical properties of the planetary systems WASP-45 and WASP-46 from simultaneous multiband photometry. Monthly Notices of the Royal Astronomical Society, 2016, 456, 990-1002.	4.4	37
56	The GTC exoplanet transit spectroscopy survey. Astronomy and Astrophysics, 2017, 600, A138.	5.1	33
57	Synergistic and Antagonistic Effects of Salinity and pH on Germination in Switchgrass (<i>Panicum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	31
58	Detection of the hydrogen Balmer lines in the ultra-hot Jupiter WASP-33b. Astronomy and Astrophysics, 2021, 645, A22.	5.1	31
59	Recombinant Human CXCR4 Chemokine Receptor-4 in Melanophores Are Linked to G-protein: Seven Transmembrane Coreceptors for Human Immunodeficiency Virus Entry into Cells. Molecular Pharmacology, 1998, 53, 177-181.	2.3	26
60	Feature-rich transmission spectrum for WASP-127b. Astronomy and Astrophysics, 2017, 602, L15.	5.1	25
61	Refined physical properties and transmission spectrum of WASP-23b from the ground. Astronomy and Astrophysics, 2013, 553, A26.	5.1	25
62	Aging of FRTL-5 rat thyroid cells causes sensitivity to cytotoxicity induced by tumor necrosis factor- α . Endocrinology, 1992, 131, 863-870.	2.8	22
63	Somatic Mutations in MAP3K5 Attenuate Its Proapoptotic Function in Melanoma through Increased Binding to Thioredoxin. Journal of Investigative Dermatology, 2014, 134, 452-460.	0.7	20
64	Detection of iron emission lines and a temperature inversion on the dayside of the ultra-hot Jupiter KELT-20b. Astronomy and Astrophysics, 2022, 659, A7.	5.1	19
65	Electrochemical monitoring of bursting exocytotic events from the giant dopamine neuron of <i>Planorbis</i> corneus. Brain Research, 1996, 733, 119-124.	2.2	18
66	Kojima-11b Is a Mildly Cold Neptune around the Brightest Microlensing Host Star. Astronomical Journal, 2019, 158, 206.	4.7	18
67	LBT transmission spectroscopy of HAT-P-12b. Astronomy and Astrophysics, 2020, 642, A98.	5.1	18
68	A Multiwavelength Look at the GJ 9827 System: No Evidence of Extended Atmospheres in GJ 9827b and d from HST and CARMENES Data. Astronomical Journal, 2021, 161, 136.	4.7	17
69	<i>Helicobacter pylori</i> survival in gastric mucosa by generation of a pH gradient. Biophysical Journal, 1997, 73, 1081-1088.	0.5	16
70	Physical properties and transmission spectrum of the WASP-74 planetary system from multiband photometry. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5168-5179.	4.4	16
71	The GTC exoplanet transit spectroscopy survey. Astronomy and Astrophysics, 2020, 641, A158.	5.1	16
72	Subclasses of antibodies to hepatitis B core antigen in chronic HBV infection: changes during treatment with alpha interferons and predictors of response. Gut, 1989, 30, 1123-1128.	12.1	15

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73	Temperature-dependent wavelength shifts of dye lasing in microdroplets with a thermochromic additive. <i>Optics Letters</i> , 1995, 20, 1668.	3.3	15
74	Detection of Na in WASP-21b's lower and upper atmosphere. <i>Astronomy and Astrophysics</i> , 2020, 642, A54.	5.1	15
75	An enhanced slope in the transmission spectrum of the hot Jupiter WASP-104b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5420-5435.	4.4	15
76	Estimates of dose to intraperitoneal micrometastases from alpha and beta emitters in radioimmunotherapy. <i>Gynecologic Oncology</i> , 1990, 38, 478-485.	1.4	14
77	Vectors for Expressing T7 Epitope- and His6 Affinity-Tagged Fusion Proteins in <i>S. cerevisiae</i> . <i>BioTechniques</i> , 1998, 24, 782-788.	1.8	14
78	Anthropocene environmental change in an internationally important oligotrophic catchment on the Atlantic seaboard of western Europe. <i>Anthropocene</i> , 2014, 5, 9-21.	3.3	14
79	Quadruple bonding of carbon in terminal carbides. <i>Science China Chemistry</i> , 2014, 57, 426-434.	8.2	14
80	Effects of ZrO ₂ Coating on LiNi _{1/3} Mn _{1/3} Co _{1/3} O ₂ Particle with Microwave Pyrolysis. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 2159-2163.	2.5	14
81	Obliquity measurement and atmospheric characterisation of the WASP-74 planetary system. <i>Astronomy and Astrophysics</i> , 2020, 642, A50.	5.1	14
82	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2018, 609, A33.	5.1	13
83	Detection of CO emission lines in the dayside atmospheres of WASP-33b and WASP-189b with GIANO. <i>Astronomy and Astrophysics</i> , 2022, 661, L6.	5.1	13
84	Ground-based detection of the near-infrared emission from the dayside of WASP-5b. <i>Astronomy and Astrophysics</i> , 2014, 564, A6.	5.1	12
85	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2019, 622, A172.	5.1	12
86	Effect of exogenous hydrogen peroxide on iodide transport and iodine organification in FRTL-5 rat thyroid cells. <i>European Journal of Endocrinology</i> , 1993, 129, 89-96.	3.7	11
87	Evidence for TiO in the Atmosphere of the Hot Jupiter HAT-P-65 b. <i>Astrophysical Journal Letters</i> , 2021, 913, L16.	8.3	11
88	Observed spectral energy distribution of the thermal emission from the dayside of WASP-46b. <i>Astronomy and Astrophysics</i> , 2014, 567, A8.	5.1	11
89	Is the orbit of the exoplanet WASP-43b really decaying? <i>TESS</i> and MuSCAT2 observations confirm no detection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5514-5523.	4.4	11
90	Involvement of MHC class I molecule and ICAM-1 in the enhancement of adhesion and cytotoxic susceptibility to immune effector cells of tumor cells transfected with the interleukin (IL)-2, IL-4 or IL-6 gene. <i>Journal of Cancer Research and Clinical Oncology</i> , 1997, 123, 602-608.	2.5	10

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91	Measurement of the differential cross section of photon plus jet production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2002, 89, 251801.	4.7	10
92	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2017, 605, A114.	5.1	10
93	Synthesis of functional bovine leukemia virus (BLV) p34tax protein by recombinant baculoviruses. <i>Virology</i> , 1989, 173, 343-347.	2.4	8
94	Practical applications of beam's eye view-based treatment planning to head and neck sites. <i>International Journal of Radiation Oncology Biology Physics</i> , 1992, 22, 1075-1082.	0.8	8
95	Improvement of electrochemical properties of $\text{LiNi}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2$ by coating with $\text{La}_{0.4}\text{Ca}_{0.6}\text{CoO}_3$. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 2211-2216.	2.5	8
96	A novel deletion mutation in the <i>LPAR6</i> gene underlies autosomal recessive woolly hair with hypotrichosis. <i>Clinical and Experimental Dermatology</i> , 2013, 38, n/a-n/a.	1.3	6
97	Cognitive trio: relationship with major depression and clinical predictors in Han Chinese women. <i>Psychological Medicine</i> , 2013, 43, 2265-2275.	4.5	6
98	The GTC exoplanet transit spectroscopy survey. <i>Astronomy and Astrophysics</i> , 2016, 589, A62.	5.1	6
99	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. <i>Astronomical Journal</i> , 2021, 162, 167.	4.7	6
100	Evidence for stellar contamination in the transmission spectra of HAT-P-12b. <i>Astronomy and Astrophysics</i> , 2021, 656, A114.	5.1	6
101	Distance between phosphine-sulfide sidechains of a disubstituted peptide by DRAMA 31P NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 1996, 7, 173-176.	2.3	5
102	TOI-2285b: A 1.7 Earth-radius planet near the habitable zone around a nearby M dwarf. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, L1-L8.	2.5	5
103	A mathematical model for the generation and control of a pH gradient in an immobilized enzyme system involving acid generation. <i>Biotechnology and Bioengineering</i> , 1998, 57, 394-408.		3
104	Chemoattractive effect on the effector cells of the supernatants from melanoma cells transfected with the interleukin-2 (IL-2), IL-4 or IL-6 gene. <i>Journal of Cancer Research and Clinical Oncology</i> , 1998, 124, 88-92.	2.5	3
105	The highly inflated giant planet WASP-174b. <i>Astronomy and Astrophysics</i> , 2020, 633, A30.	5.1	2
106	Irish society of gastroenterology. <i>Irish Journal of Medical Science</i> , 1998, 167, 2-23.	1.5	1
107	The Exoplanet Characterization Observatory (EChO): performance model <i>EclipseSim</i> and applications. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
108	Breakdown of the electron-spin motion upon reflection at metal-organic or metal-carbon interfaces. II. <i>Physical Review B</i> , 2016, 93, .	3.2	1

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109	Cloning Sequencing and Expression of the Gene Encoding the VP2 Protein of the Human Group B Rotavirus, ADRV. Virology, 1994, 201, 162-168.	2.4	0