

Liang Chen

List of Publications by Citations

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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.

483
papers

16,887
citations

59
h-index

114
g-index

515
ext. papers

21,175
ext. citations

6
avg, IF

7.1
L-index

#	Paper	IF	Citations
483	Effective use of PI3K and MEK inhibitors to treat mutant Kras G12D and PIK3CA H1047R murine lung cancers. <i>Nature Medicine</i> , 2008 , 14, 1351-6	50.5	1121
482	LKB1 modulates lung cancer differentiation and metastasis. <i>Nature</i> , 2007 , 448, 807-10	50.4	774
481	Ion sieving in graphene oxide membranes via cationic control of interlayer spacing. <i>Nature</i> , 2017 , 550, 380-383	50.4	768
480	Novel mutant-selective EGFR kinase inhibitors against EGFR T790M. <i>Nature</i> , 2009 , 462, 1070-4	50.4	766
479	A DNA nanorobot functions as a cancer therapeutic in response to a molecular trigger in vivo. <i>Nature Biotechnology</i> , 2018 , 36, 258-264	44.5	702
478	The impact of human EGFR kinase domain mutations on lung tumorigenesis and in vivo sensitivity to EGFR-targeted therapies. <i>Cancer Cell</i> , 2006 , 9, 485-95	24.3	389
477	Contribution of trees and grasslands to the mitigation of human heat stress in a residential district of Freiburg, Southwest Germany. <i>Landscape and Urban Planning</i> , 2016 , 148, 37-50	7.7	251
476	A meta-analysis of factors predicting cyberbullying perpetration and victimization: From the social cognitive and media effects approach. <i>New Media and Society</i> , 2017 , 19, 1194-1213	3.8	202
475	A review of reproductive toxicity of microcystins. <i>Journal of Hazardous Materials</i> , 2016 , 301, 381-99	12.8	200
474	Global transcriptome profiles of <i>Camellia sinensis</i> during cold acclimation. <i>BMC Genomics</i> , 2013 , 14, 415	4.5	194
473	Bronchial and peripheral murine lung carcinomas induced by T790M-L858R mutant EGFR respond to HKI-272 and rapamycin combination therapy. <i>Cancer Cell</i> , 2007 , 12, 81-93	24.3	193
472	Effect of pH-responsive alginate/chitosan multilayers coating on delivery efficiency, cellular uptake and biodistribution of mesoporous silica nanoparticles based nanocarriers. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8447-60	9.5	175
471	Robustness, Security and Privacy in Location-Based Services for Future IoT: A Survey. <i>IEEE Access</i> , 2017 , 5, 8956-8977	3.5	157
470	Trends in the development of miRNA bioinformatics tools. <i>Briefings in Bioinformatics</i> , 2019 , 20, 1836-1852	5.4	155
469	Three-dimensional porous scaffold by self-assembly of reduced graphene oxide and nano-hydroxyapatite composites for bone tissue engineering. <i>Carbon</i> , 2017 , 116, 325-337	10.4	154
468	Graphene oxide-DNA based sensors. <i>Biosensors and Bioelectronics</i> , 2014 , 60, 22-9	11.8	153
467	BMP-2 Derived Peptide and Dexamethasone Incorporated Mesoporous Silica Nanoparticles for Enhanced Osteogenic Differentiation of Bone Mesenchymal Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15777-89	9.5	152

466	Colistin- and Carbapenem-Resistant Escherichia coli Harboring mcr-1 and blaNDM-5, Causing a Complicated Urinary Tract Infection in a Patient from the United States. <i>MBio</i> , 2016 , 7,	7.8	150
465	Flower-like PEGylated MoS ₂ nanoflakes for near-infrared photothermal cancer therapy. <i>Scientific Reports</i> , 2015 , 5, 17422	4.9	148
464	Comparative transcriptome analysis of transporters, phytohormone and lipid metabolism pathways in response to arsenic stress in rice (<i>Oryza sativa</i>). <i>New Phytologist</i> , 2012 , 195, 97-112	9.8	145
463	Doxorubicin-loaded electrospun poly(l-lactic acid)/mesoporous silica nanoparticles composite nanofibers for potential postsurgical cancer treatment. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 4601-4611	7.3	142
462	Epidemic <i>Klebsiella pneumoniae</i> ST258 is a hybrid strain. <i>MBio</i> , 2014 , 5, e01355-14	7.8	141
461	HER2YVMA drives rapid development of adenosquamous lung tumors in mice that are sensitive to BIBW2992 and rapamycin combination therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 474-9	11.5	141
460	Adsorption of Antibiotics on Graphene and Biochar in Aqueous Solutions Induced by π Interactions. <i>Scientific Reports</i> , 2016 , 6, 31920	4.9	135
459	Mutations in BRAF and KRAS converge on activation of the mitogen-activated protein kinase pathway in lung cancer mouse models. <i>Cancer Research</i> , 2007 , 67, 4933-9	10.1	134
458	A comprehensive evaluation of precipitation simulations over China based on CMIP5 multimodel ensemble projections. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 5767-5786	4.4	129
457	Toxic effects of fluoride on organisms. <i>Life Sciences</i> , 2018 , 198, 18-24	6.8	118
456	Global transcriptome and gene regulation network for secondary metabolite biosynthesis of tea plant (<i>Camellia sinensis</i>). <i>BMC Genomics</i> , 2015 , 16, 560	4.5	115
455	Ganetespib (STA-9090), a nongeldanamycin HSP90 inhibitor, has potent antitumor activity in in vitro and in vivo models of non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 4973-85	12.9	115
454	Au/polypyrrole@Fe ₃ O ₄ nanocomposites for MR/CT dual-modal imaging guided-photothermal therapy: an in vitro study. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4354-67	9.5	114
453	A small-molecule macrophage migration inhibitory factor antagonist protects against glomerulonephritis in lupus-prone NZB/NZW F1 and MRL/lpr mice. <i>Journal of Immunology</i> , 2011 , 186, 527-38	5.3	106
452	Autophagy contributes to regulation of the hypoxia response during submergence in <i>Arabidopsis thaliana</i> . <i>Autophagy</i> , 2015 , 11, 2233-46	10.2	105
451	Global geographical and historical overview of cyanotoxin distribution and cyanobacterial poisonings. <i>Archives of Toxicology</i> , 2019 , 93, 2429-2481	5.8	103
450	Suppression of heat shock protein 27 induces long-term dormancy in human breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8699-704	11.5	103
449	Comprehensive Genome Analysis of Carbapenemase-Producing Enterobacter spp.: New Insights into Phylogeny, Population Structure, and Resistance Mechanisms. <i>MBio</i> , 2016 , 7,	7.8	101

448	Polyelectrolyte multilayer functionalized mesoporous silica nanoparticles for pH-responsive drug delivery: layer thickness-dependent release profiles and biocompatibility. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5886-5898	7.3	100
447	Surface Air Temperature Changes over the Twentieth and Twenty-First Centuries in China Simulated by 20 CMIP5 Models. <i>Journal of Climate</i> , 2014 , 27, 3920-3937	4.4	97
446	Genetic improvement and breeding of tea plant (<i>Camellia sinensis</i>) in China: from individual selection to hybridization and molecular breeding. <i>Euphytica</i> , 2007 , 154, 239-248	2.1	91
445	Multifunctional Redox-Responsive Mesoporous Silica Nanoparticles for Efficient Targeting Drug Delivery and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33829-33841	9.5	89
444	Studies of thermal comfort and space use in an urban park square in cool and cold seasons in Shanghai. <i>Building and Environment</i> , 2015 , 94, 644-653	6.5	85
443	Exact vector multipole and vortex solitons in the media with spatially modulated cubic-quintic nonlinearity. <i>Nonlinear Dynamics</i> , 2017 , 90, 1269-1275	5	84
442	New-concept batteries based on aqueous Li ⁺ /Na ⁺ mixed-ion electrolytes. <i>Scientific Reports</i> , 2013 , 3, 1946	4.9	83
441	Electrophoretic Deposition of Dexamethasone-Loaded Mesoporous Silica Nanoparticles onto Poly(L-Lactic Acid)/Poly(ε-Caprolactone) Composite Scaffold for Bone Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4137-48	9.5	79
440	Interaction of Graphene and its Oxide with Lipid Membrane: A Molecular Dynamics Simulation Study. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 6225-6231	3.8	78
439	In vitro and in vivo toxicity studies of copper sulfide nanoplates for potential photothermal applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 901-12	6	77
438	Responses of the Proteome and Metabolome in Livers of Zebrafish Exposed Chronically to Environmentally Relevant Concentrations of Microcystin-LR. <i>Environmental Science & Technology</i> , 2017 , 51, 596-607	10.3	76
437	Dual-Responsive Mesoporous Silica Nanoparticles Mediated Codelivery of Doxorubicin and Bcl-2 siRNA for Targeted Treatment of Breast Cancer. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 22375-22387	7.8	73
436	Isocyanate vapor-induced antigenicity of human albumin. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 1178-84	11.5	73
435	Marriage of Albumin-Gadolinium Complexes and MoS Nanoflakes as Cancer Theranostics for Dual-Modality Magnetic Resonance/Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17786-17798	9.5	72
434	Two-dimensional Na-Cl crystals of unconventional stoichiometries on graphene surface from dilute solution at ambient conditions. <i>Nature Chemistry</i> , 2018 , 10, 776-779	17.6	72
433	Adapting observationally based metrics of biogeophysical feedbacks from land cover/land use change to climate modeling. <i>Environmental Research Letters</i> , 2016 , 11, 034002	6.2	70
432	The AMP-Activated Protein Kinase KIN10 Is Involved in the Regulation of Autophagy in. <i>Frontiers in Plant Science</i> , 2017 , 8, 1201	6.2	69
431	Regression of drug-resistant lung cancer by the combination of rosiglitazone and carboplatin. <i>Clinical Cancer Research</i> , 2008 , 14, 6478-86	12.9	67

430	Vector spatiotemporal localized structures in (3 (+) 1)-dimensional strongly nonlocal nonlinear media. <i>Nonlinear Dynamics</i> , 2016 , 86, 999-1005	5	65
429	Microspherical polyaniline/graphene nanocomposites for high performance supercapacitors. <i>Journal of Power Sources</i> , 2013 , 243, 715-720	8.9	64
428	Synthesis of silver nanowires with different aspect ratios as alcohol-tolerant catalysts for oxygen electroreduction. <i>Electrochemistry Communications</i> , 2008 , 10, 1027-1030	5.1	63
427	Diversity distribution and population structure of tea germplasm in China revealed by EST-SSR markers. <i>Tree Genetics and Genomes</i> , 2012 , 8, 205-220	2.1	62
426	Cetuximab response of lung cancer-derived EGF receptor mutants is associated with asymmetric dimerization. <i>Cancer Research</i> , 2013 , 73, 6770-9	10.1	61
425	Raman and infrared-active modes in MgO nanotubes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2009 , 41, 852-855	3	61
424	Unsaturation of very-long-chain ceramides protects plant from hypoxia-induced damages by modulating ethylene signaling in Arabidopsis. <i>PLoS Genetics</i> , 2015 , 11, e1005143	6	59
423	Human-biometeorological significance of shading in urban public spaces: summertime measurements in PEs, Hungary. <i>Landscape and Urban Planning</i> , 2018 , 170, 241-255	7.7	59
422	Biochemical and transcriptomic analyses reveal different metabolite biosynthesis profiles among three color and developmental stages in 'Anji Baicha' (<i>Camellia sinensis</i>). <i>BMC Plant Biology</i> , 2016 , 16, 195	5.3	57
421	Cognitive behavioral therapy for post-stroke depression: A meta-analysis. <i>Journal of Affective Disorders</i> , 2018 , 235, 589-596	6.6	56
420	Involvement of oxidative stress and cytoskeletal disruption in microcystin-induced apoptosis in CIK cells. <i>Aquatic Toxicology</i> , 2015 , 165, 41-50	5.1	56
419	Large-Scale SNP Discovery and Genotyping for Constructing a High-Density Genetic Map of Tea Plant Using Specific-Locus Amplified Fragment Sequencing (SLAF-seq). <i>PLoS ONE</i> , 2015 , 10, e0128798	3.7	54
418	Construction of a SSR-based genetic map and identification of QTLs for catechins content in tea plant (<i>Camellia sinensis</i>). <i>PLoS ONE</i> , 2014 , 9, e93131	3.7	54
417	The international penetration of ibusiness firms: Network effects, liabilities of outsidership and country clout. <i>Journal of International Business Studies</i> , 2019 , 50, 172-192	8.5	54
416	Mechanisms of Microcystin-induced Cytotoxicity and Apoptosis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 1018-31	3.2	53
415	Aqueous batteries based on mixed monovalence metal ions: a new battery family. <i>ChemSusChem</i> , 2014 , 7, 2295-302	8.3	52
414	Arabidopsis membrane-associated acyl-CoA-binding protein ACBP1 is involved in stem cuticle formation. <i>Journal of Experimental Botany</i> , 2014 , 65, 5473-83	7	52
413	Epigenetic and transcriptional programs lead to default IFN-gamma production by gamma delta T cells. <i>Journal of Immunology</i> , 2007 , 178, 2730-6	5.3	50

412	Variations of main quality components of tea genetic resources [Camellia sinensis (L.) O. Kuntze] preserved in the China National Germplasm Tea Repository. <i>Plant Foods for Human Nutrition</i> , 2005 , 60, 31-5	3.9	50
411	Co-clinical trials demonstrate superiority of crizotinib to chemotherapy in ALK-rearranged non-small cell lung cancer and predict strategies to overcome resistance. <i>Clinical Cancer Research</i> , 2014 , 20, 1204-1211	12.9	49
410	Generation and analysis of expressed sequence tags from the tender shoots cDNA library of tea plant (Camellia sinensis). <i>Plant Science</i> , 2005 , 168, 359-363	5.3	49
409	Fabrication of curcumin-loaded mesoporous silica incorporated polyvinyl pyrrolidone nanofibers for rapid hemostasis and antibacterial treatment. <i>RSC Advances</i> , 2017 , 7, 7973-7982	3.7	47
408	Determination of catechin content in representative Chinese tea germplasms. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 9436-41	5.7	47
407	Rogue wave and combined breather with repeatedly excited behaviors in the dispersion/diffraction decreasing medium. <i>Nonlinear Dynamics</i> , 2017 , 87, 67-73	5	47
406	Emerging Antimicrobial-Resistant High-Risk Klebsiella pneumoniae Clones ST307 and ST147. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	47
405	Experience and FDI Risk-taking: A Microfoundational Reconceptualization. <i>Journal of International Management</i> , 2016 , 22, 131-146	4.4	47
404	Risk propensity in the foreign direct investment location decision of emerging multinationals. <i>Journal of International Business Studies</i> , 2018 , 49, 153-171	8.5	47
403	Facile synthesis of novel albumin-functionalized flower-like MoS ₂ nanoparticles for in vitro chemo-photothermal synergistic therapy. <i>RSC Advances</i> , 2016 , 6, 13040-13049	3.7	46
402	Female zebrafish (Danio rerio) are more vulnerable than males to microcystin-LR exposure, without exhibiting estrogenic effects. <i>Aquatic Toxicology</i> , 2013 , 142-143, 272-82	5.1	46
401	Transcriptomic Analysis of Tea Plant Responding to Drought Stress and Recovery. <i>PLoS ONE</i> , 2016 , 11, e0147306	3.7	46
400	Nature and Diffusion of Gynecologic Cancer-Related Misinformation on Social Media: Analysis of Tweets. <i>Journal of Medical Internet Research</i> , 2018 , 20, e11515	7.6	46
399	In vivo CRISPR screening unveils histone demethylase UTX as an important epigenetic regulator in lung tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E3978-E3986	11.5	45
398	Intra-urban differences of mean radiant temperature in different urban settings in Shanghai and implications for heat stress under heat waves: A GIS-based approach. <i>Energy and Buildings</i> , 2016 , 130, 829-842	7	44
397	Jasmonate complements the function of Arabidopsis lipoxygenase3 in salinity stress response. <i>Plant Science</i> , 2016 , 244, 1-7	5.3	44
396	Comparative proteomic analysis reveals that caspase-1 and serine protease may be involved in silkworm resistance to Bombyx mori nuclear polyhedrosis virus. <i>Journal of Proteomics</i> , 2012 , 75, 3630-8	3.9	44
395	Mesoporous silica nanoparticles/gelatin porous composite scaffolds with localized and sustained release of vancomycin for treatment of infected bone defects. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 740-752	7.3	43

394	Mesoporous silica nanoparticles for tissue-engineering applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019 , 11, e1573	9.2	43
393	Self-Assembled Hydroxyapatite-Graphene Scaffold for Photothermal Cancer Therapy and Bone Regeneration. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 2003-2017	4	43
392	Impacts of urbanization on future climate in China. <i>Climate Dynamics</i> , 2016 , 47, 345-357	4.2	42
391	Polymyxin Combinations Combat Harboring and : Preparation for a Postantibiotic Era. <i>MBio</i> , 2017 , 8,	7.8	42
390	The interactive effects of cytoskeleton disruption and mitochondria dysfunction lead to reproductive toxicity induced by microcystin-LR. <i>PLoS ONE</i> , 2013 , 8, e53949	3.7	42
389	Merging metal organic framework with hollow organosilica nanoparticles as a versatile nanoplatfrom for cancer theranostics. <i>Acta Biomaterialia</i> , 2019 , 86, 406-415	10.8	42
388	Surface-kinetics mediated mesoporous multipods for enhanced bacterial adhesion and inhibition. <i>Nature Communications</i> , 2019 , 10, 4387	17.4	40
387	Using EPPM to Evaluate the Effectiveness of Fear Appeal Messages Across Different Media Outlets to Increase the Intention of Breast Self-Examination Among Chinese Women. <i>Health Communication</i> , 2019 , 34, 1369-1376	3.2	40
386	Ecosystem-specific advantages in international digital commerce. <i>Journal of International Business Studies</i> , 2019 , 50, 1448-1463	8.5	40
385	A Robust Dead Reckoning Algorithm Based on Wi-Fi FTM and Multiple Sensors. <i>Remote Sensing</i> , 2019 , 11, 504	5	40
384	Telomere dysfunction promotes genome instability and metastatic potential in a K-ras p53 mouse model of lung cancer. <i>Carcinogenesis</i> , 2008 , 29, 747-53	4.6	40
383	Near-infrared light triggered drug release from mesoporous silica nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7112-7121	7.3	39
382	The bioinformatics toolbox for circRNA discovery and analysis. <i>Briefings in Bioinformatics</i> , 2021 , 22, 1706-1728	13.4	39
381	Exploration on the mechanism of DNA adsorption on graphene and graphene oxide via molecular simulations. <i>Journal Physics D: Applied Physics</i> , 2015 , 48, 275402	3	38
380	Synthesis and characterization of poly(glycerol sebacate)-based elastomeric copolyesters for tissue engineering applications. <i>Polymer Chemistry</i> , 2016 , 7, 2553-2564	4.9	38
379	Identification and characterization of 74 novel polymorphic EST-SSR markers in the tea plant, <i>Camellia sinensis</i> (Theaceae). <i>American Journal of Botany</i> , 2010 , 97, e153-6	2.7	37
378	Generation and characterization of 24 novel EST derived microsatellites from tea plant (<i>Camellia sinensis</i>) and cross-species amplification in its closely related species and varieties. <i>Conservation Genetics</i> , 2008 , 9, 1327-1331	2.6	37
377	Science Literacy or Value Predisposition? A Meta-Analysis of Factors Predicting Public Perceptions of Benefits, Risks, and Acceptance of Nuclear Energy. <i>Environmental Communication</i> , 2019 , 13, 457-471	2.6	37

376	Disruption of the Arabidopsis Defense Regulator Genes SAG101, EDS1, and PAD4 Confers Enhanced Freezing Tolerance. <i>Molecular Plant</i> , 2015 , 8, 1536-49	14.4	36
375	What makes cancer information viral on social media?. <i>Computers in Human Behavior</i> , 2019 , 93, 149-156	7.7	36
374	Synthesis of hollow mesoporous silica nanoparticles with tunable shell thickness and pore size using amphiphilic block copolymers as core templates. <i>Dalton Transactions</i> , 2014 , 43, 11834-42	4.3	35
373	The use of RAPD markers for detecting genetic diversity, relationship and molecular identification of Chinese elite tea genetic resources [<i>Camellia sinensis</i> (L.) O. Kuntze] preserved in a tea germplasm repository. <i>Biodiversity and Conservation</i> , 2005 , 14, 1433-1444	3.4	35
372	Size and charge dual-transformable mesoporous nanoassemblies for enhanced drug delivery and tumor penetration. <i>Chemical Science</i> , 2020 , 11, 2819-2827	9.4	34
371	Fabrication of heterogeneous porous bilayered nanofibrous vascular grafts by two-step phase separation technique. <i>Acta Biomaterialia</i> , 2018 , 79, 168-181	10.8	34
370	Physiological changes and differential gene expression of tea plant under dehydration and rehydration conditions. <i>Scientia Horticulturae</i> , 2015 , 184, 129-141	4.1	34
369	Distribution of antibiotic resistance genes in the environment. <i>Environmental Pollution</i> , 2021 , 285, 117402	9.3	34
368	A Review of Global Navigation Satellite System (GNSS)-based Dynamic Monitoring Technologies for Structural Health Monitoring. <i>Remote Sensing</i> , 2019 , 11, 1001	5	33
367	Engine-Trailer-Structured Nanotrucks for Efficient Nano-Bio Interactions and Bioimaging-Guided Drug Delivery. <i>CheM</i> , 2020 , 6, 1097-1112	16.2	33
366	Human amyloid β peptide and tau co-expression impairs behavior and causes specific gene expression changes in <i>Caenorhabditis elegans</i> . <i>Neurobiology of Disease</i> , 2018 , 109, 88-101	7.5	32
365	Human gamma/delta T-cell proliferation and IFN-gamma production induced by hexamethylene diisocyanate. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 538-46	11.5	32
364	Transcriptomic characterization of hepatocellular carcinoma with CTNNB1 mutation. <i>PLoS ONE</i> , 2014 , 9, e95307	3.7	32
363	Ibrutinib selectively and irreversibly targets EGFR (L858R, Del19) mutant but is moderately resistant to EGFR (T790M) mutant NSCLC Cells. <i>Oncotarget</i> , 2015 , 6, 31313-22	3.3	32
362	Small RNA and degradome profiling reveals important roles for microRNAs and their targets in tea plant response to drought stress. <i>Physiologia Plantarum</i> , 2016 , 158, 435-451	4.6	32
361	Identification of potential blood biomarkers for Parkinson's disease by gene expression and DNA methylation data integration analysis. <i>Clinical Epigenetics</i> , 2019 , 11, 24	7.7	30
360	Molecular dynamics simulations of the adsorption of DNA segments onto graphene oxide. <i>Journal Physics D: Applied Physics</i> , 2014 , 47, 505401	3	30
359	Comparing cyberbullying perpetration on social media between primary and secondary school students. <i>Computers and Education</i> , 2017 , 109, 74-84	9.5	29

358	Regulation of Growth and Flavonoid Formation of Tea Plants (<i>Camellia sinensis</i>) by Blue and Green Light. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 2408-2419	5.7	29
357	CRISPR/Cas9-mediated functional recovery of the recessive rc allele to develop red rice. <i>Plant Biotechnology Journal</i> , 2019 , 17, 2096-2105	11.6	29
356	Identification of urine protein biomarkers with the potential for early detection of lung cancer. <i>Scientific Reports</i> , 2015 , 5, 11805	4.9	29
355	OsSIDP366, a DUF1644 gene, positively regulates responses to drought and salt stresses in rice. <i>Journal of Integrative Plant Biology</i> , 2016 , 58, 492-502	8.3	29
354	The role of GSH in microcystin-induced apoptosis in rat liver: Involvement of oxidative stress and NF- κ B. <i>Environmental Toxicology</i> , 2016 , 31, 552-60	4.2	29
353	Differential expression analysis of different albescent stages of Anji Baicha [<i>Camellia sinensis</i> (L.) O. Kuntze) using cDNA microarray. <i>Scientia Horticulturae</i> , 2012 , 148, 246-254	4.1	29
352	The dose makes the poison. <i>Science of the Total Environment</i> , 2018 , 621, 649-653	10.2	29
351	How do emerging multinationals configure political connections across institutional contexts?. <i>Global Strategy Journal</i> , 2018 , 8, 447-470	6.3	29
350	Impacts of Land-Use/Land-Cover Change on Afternoon Precipitation over North America. <i>Journal of Climate</i> , 2017 , 30, 2121-2140	4.4	28
349	Comprehensive Dissection of Metabolic Changes in Albino and Green Tea Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 2040-2048	5.7	28
348	Identification and expression profiling of the auxin response factors (ARFs) in the tea plant (<i>Camellia sinensis</i> (L.) O. Kuntze) under various abiotic stresses. <i>Plant Physiology and Biochemistry</i> , 2016 , 98, 46-56	5.4	28
347	PAR2 promotes M1 macrophage polarization and inflammation via FOXO1 pathway. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 9799-9809	4.7	28
346	Controllable reduction of graphene oxide by electron-beam irradiation.. <i>RSC Advances</i> , 2019 , 9, 3597-3604	3.7	27
345	Elevated plasma β -hydroxybutyrate predicts adverse outcomes and disease progression in patients with arrhythmogenic cardiomyopathy. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	27
344	Natural allelic variations of TCS1 play a crucial role in caffeine biosynthesis of tea plant and its related species. <i>Plant Physiology and Biochemistry</i> , 2016 , 100, 18-26	5.4	27
343	Localized modes of the (n+1)-dimensional Schrödinger equation with power-law nonlinearities in PT-symmetric potentials. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 43, 239-250	3.7	27
342	Social support on Weibo for people living with HIV/AIDS in China: a quantitative content analysis. <i>Chinese Journal of Communication</i> , 2014 , 7, 285-298	3	27
341	Constructing surface active centres using PdBeO on zeolite for CO oxidation. <i>Journal of Molecular Catalysis A</i> , 2007 , 266, 173-179		27

340	Immune responses to foot-and-mouth disease DNA vaccines can be enhanced by coinjection with the <i>Isatis indigotica</i> extract. <i>Intervirology</i> , 2005 , 48, 207-12	2.5	27
339	Reducing Harm From Media: A Meta-Analysis of Parental Mediation. <i>Journalism and Mass Communication Quarterly</i> , 2019 , 96, 173-193	2	27
338	The chromosome-scale genome reveals the evolution and diversification after the recent tetraploidization event in tea plant. <i>Horticulture Research</i> , 2020 , 7, 63	7.7	26
337	Comparative proteomic analysis of indica and japonica rice varieties. <i>Genetics and Molecular Biology</i> , 2014 , 37, 652-61	2	26
336	DFT calculations of vibrational spectra and nonlinear optical properties for MgO nanotube clusters. <i>Computational and Theoretical Chemistry</i> , 2008 , 863, 55-59		26
335	Genetic diversity and phylogeny of tea plant (<i>Camellia sinensis</i>) and its related species and varieties in the section <i>Thea</i> genus <i>Camellia</i> determined by randomly amplified polymorphic DNA analysis. <i>Journal of Horticultural Science and Biotechnology</i> , 2002 , 77, 729-732	1.9	26
334	Sex-dependent effects of microcystin-LR on hypothalamic-pituitary-gonad axis and gametogenesis of adult zebrafish. <i>Scientific Reports</i> , 2016 , 6, 22819	4.9	26
333	Challenges of using blooms of <i>Microcystis</i> spp. in animal feeds: A comprehensive review of nutritional, toxicological and microbial health evaluation. <i>Science of the Total Environment</i> , 2021 , 764, 142319	10.2	26
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