

Bo Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3022987/publications.pdf>

Version: 2024-02-01

100
papers

18,897
citations

117453

34
h-index

31759

101
g-index

104
all docs

104
docs citations

104
times ranked

42437
citing authors

#	ARTICLE	IF	CITATIONS
1	A global reference for human genetic variation. <i>Nature</i> , 2015, 526, 68-74.	13.7	13,998
2	Human Gut Microbiota from Autism Spectrum Disorder Promote Behavioral Symptoms in Mice. <i>Cell</i> , 2019, 177, 1600-1618.e17.	13.5	701
3	Mesenchymal Stem Cells Deliver Exogenous MicroRNA-let7c via Exosomes to Attenuate Renal Fibrosis. <i>Molecular Therapy</i> , 2016, 24, 1290-1301.	3.7	286
4	Analysis of the Genome Sequence of the Medicinal Plant <i>Salvia miltiorrhiza</i> . <i>Molecular Plant</i> , 2016, 9, 949-952.	3.9	255
5	Isolation and Characterization of a Novel Bat Coronavirus Closely Related to the Direct Progenitor of Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2016, 90, 3253-3256.	1.5	221
6	Self-Healing Supramolecular Self-Assembled Hydrogels Based on Poly(α -glutamic acid). <i>Biomacromolecules</i> , 2015, 16, 3508-3518.	2.6	177
7	Large-scale demonstration of the sulfate reduction autotrophic denitrification nitrification integrated (SANI [®]) process in saline sewage treatment. <i>Water Research</i> , 2016, 100, 496-507.	5.3	142
8	A novel approach of high speed scratching on silicon wafers at nanoscale depths of cut. <i>Scientific Reports</i> , 2015, 5, 16395.	1.6	133
9	Synergistic Effects of Combined Cell Therapy for Chronic Ischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1990-1999.	1.2	133
10	Coexistence of multiple coronaviruses in several bat colonies in an abandoned mineshaft. <i>Virologica Sinica</i> , 2016, 31, 31-40.	1.2	117
11	Hierarchical neural architecture underlying thirst regulation. <i>Nature</i> , 2018, 555, 204-209.	13.7	113
12	Alkali-Induced <i>In Situ</i> Fabrication of Bi ₂ O ₄ -Decorated BiOBr Nanosheets with Excellent Photocatalytic Performance. <i>Journal of Physical Chemistry C</i> , 2016, 120, 7715-7727.	1.5	110
13	Inhibition of hIAPP Amyloid Aggregation and Pancreatic β -Cell Toxicity by OH-Terminated PAMAM Dendrimer. <i>Small</i> , 2016, 12, 1615-1626.	5.2	99
14	A novel approach of chemical mechanical polishing for cadmium zinc telluride wafers. <i>Scientific Reports</i> , 2016, 6, 26891.	1.6	89
15	A novel approach of chemical mechanical polishing using environment-friendly slurry for mercury cadmium telluride semiconductors. <i>Scientific Reports</i> , 2016, 6, 22466.	1.6	85
16	Altered brain network centrality in depressed Parkinson's disease patients. <i>Movement Disorders</i> , 2015, 30, 1777-1784.	2.2	80
17	Molecular subgroups of adult medulloblastoma: a long-term single-institution study. <i>Neuro-Oncology</i> , 2016, 18, 982-990.	0.6	75
18	Maternal obesity epigenetically alters visceral fat progenitor cell properties in male offspring mice. <i>Journal of Physiology</i> , 2016, 594, 4453-4466.	1.3	73

#	ARTICLE	IF	CITATIONS
19	Firing Frequency Maxima of Fast-Spiking Neurons in Human, Monkey, and Mouse Neocortex. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 239.	1.8	68
20	Nutrigenomic regulation of adipose tissue development – role of retinoic acid: A review. <i>Meat Science</i> , 2016, 120, 100-106.	2.7	66
21	Autapses enhance bursting and coincidence detection in neocortical pyramidal cells. <i>Nature Communications</i> , 2018, 9, 4890.	5.8	66
22	Evaluation of Linkage Disequilibrium Pattern and Association Study on Seed Oil Content in <i>Brassica napus</i> Using ddRAD Sequencing. <i>PLoS ONE</i> , 2016, 11, e0146383.	1.1	63
23	Altered Carbohydrates Allocation by Associated Bacteria-fungi Interactions in a Bark Beetle-microbe Symbiosis. <i>Scientific Reports</i> , 2016, 6, 20135.	1.6	63
24	Methoprene-tolerant (Met) and Kr ^{1/4} apple-homologue 1 (Kr-h1) are required for ovariole development and egg maturation in the brown plant hopper. <i>Scientific Reports</i> , 2016, 5, 18064.	1.6	55
25	Addicting diverse bacteria to a noncanonical amino acid. <i>Nature Chemical Biology</i> , 2016, 12, 138-140.	3.9	55
26	Antibacterial Diamines Targeting Bacterial Membranes. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3140-3151.	2.9	55
27	<i>Magnesium Transporter 5</i> plays an important role in Mg transport for male gametophyte development in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2015, 84, 925-936.	2.8	53
28	Facile Discovery of a Diverse Panel of Anti-Ebola Virus Antibodies by Immune Repertoire Mining. <i>Scientific Reports</i> , 2015, 5, 13926.	1.6	47
29	Dynamic label propagation for semi-supervised multi-class multi-label classification. <i>Pattern Recognition</i> , 2016, 52, 75-84.	5.1	45
30	A Subtype of Inhibitory Interneuron with Intrinsic Persistent Activity in Human and Monkey Neocortex. <i>Cell Reports</i> , 2015, 10, 1450-1458.	2.9	41
31	Deciphering the Biosynthetic Origin of <i>allo</i> -Isoleucine. <i>Journal of the American Chemical Society</i> , 2016, 138, 408-415.	6.6	41
32	Isolation and identification of bat viruses closely related to human, porcine and mink orthoreoviruses. <i>Journal of General Virology</i> , 2015, 96, 3525-3531.	1.3	41
33	Gray and white matter alterations in early HIV-infected patients: Combined voxel-based morphometry and tract-based spatial statistics. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1474-1483.	1.9	39
34	Identification of a reticulocyte-specific binding domain of <i>Plasmodium vivax</i> reticulocyte-binding protein 1 that is homologous to the PfRh4 erythrocyte-binding domain. <i>Scientific Reports</i> , 2016, 6, 26993.	1.6	39
35	Genetically engineered anthocyanin pathway for high health-promoting pigment production in eggplant. <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	37
36	Ecological Trade-offs between Migration and Reproduction Are Mediated by the Nutrition-Sensitive Insulin-Signaling Pathway. <i>International Journal of Biological Sciences</i> , 2016, 12, 607-616.	2.6	36

#	ARTICLE	IF	CITATIONS
37	Homozygous mutation of VPS16 gene is responsible for an autosomal recessive adolescent-onset primary dystonia. <i>Scientific Reports</i> , 2016, 6, 25834.	1.6	36
38	Survival and fermentation activity of probiotic bacteria and oxidative stability of omega-3 oil in co-microcapsules during storage. <i>Journal of Functional Foods</i> , 2016, 23, 485-496.	1.6	33
39	Deficiency of programmed cell death 4 results in increased IL-10 expression by macrophages and thereby attenuates atherosclerosis in hyperlipidemic mice. <i>Cellular and Molecular Immunology</i> , 2016, 13, 524-534.	4.8	33
40	Dissection of early transcriptional responses to water stress in <i>Arundo donax</i> L. by unigene-based RNA-seq. <i>Biotechnology for Biofuels</i> , 2016, 9, 54.	6.2	32
41	Directing and Potentiating Stem Cell-Mediated Angiogenesis and Tissue Repair by Cell Surface E-Selectin Coating. <i>PLoS ONE</i> , 2016, 11, e0154053.	1.1	31
42	CUL4A facilitates hepatocarcinogenesis by promoting cell cycle progression and epithelial-mesenchymal transition. <i>Scientific Reports</i> , 2015, 5, 17006.	1.6	30
43	Endovascular Mechanical Thrombectomy with the Solitaire Device for the Treatment of Acute Basilar Artery Occlusion. <i>World Neurosurgery</i> , 2016, 89, 301-308.	0.7	30
44	Phomanolides A and B from the Fungus <i>Phoma</i> sp.: Meroterpenoids Derived from a Putative Tropolonic Sesquiterpene via Hetero-Diels-Alder Reactions. <i>Journal of Natural Products</i> , 2015, 78, 3058-3066.	1.5	29
45	Discovery of high affinity anti-ricin antibodies by B cell receptor sequencing and by yeast display of combinatorial V _H :V _L libraries from immunized animals. <i>MAbs</i> , 2016, 8, 1035-1044.	2.6	29
46	Global-scale profiling of differential expressed lysine acetylated proteins in colorectal cancer tumors and paired liver metastases. <i>Journal of Proteomics</i> , 2016, 142, 24-32.	1.2	28
47	Resistance of Wheat Accessions to the English Grain Aphid <i>Sitobion avenae</i> . <i>PLoS ONE</i> , 2016, 11, e0156158.	1.1	28
48	Benefits of trade in amber fossils. <i>Nature</i> , 2016, 532, 441-441.	13.7	27
49	Target delivery of small interfering RNAs with vitamin E-coupled nanoparticles for treating hepatitis C. <i>Scientific Reports</i> , 2016, 6, 24867.	1.6	27
50	Hepatitis B virus X protein amplifies TGF- β 2 promotion on HCC motility through down-regulating PPM1a. <i>Oncotarget</i> , 2016, 7, 33125-33135.	0.8	27
51	FOXO links wing form polyphenism and wound healing in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 70, 24-31.	1.2	26
52	Investigation of relationship between lipid and <i>Monascus</i> pigment accumulation by extractive fermentation. <i>Journal of Biotechnology</i> , 2015, 212, 167-173.	1.9	25
53	The impact of maternal hypothyroidism during pregnancy on neonatal outcomes: a systematic review and meta-analysis. <i>Gynecological Endocrinology</i> , 2016, 32, 9-13.	0.7	25
54	Differential recruitment of UBQLN2 to nuclear inclusions in the polyglutamine diseases HD and SCA3. <i>Neurobiology of Disease</i> , 2015, 82, 281-288.	2.1	24

#	ARTICLE	IF	CITATIONS
55	JNK signaling mediates wing form polymorphism in brown planthoppers (<i>Nilaparvata lugens</i>). <i>Insect Biochemistry and Molecular Biology</i> , 2016, 73, 55-61.	1.2	24
56	Biosynthesis of <i>Monascus</i> pigments by resting cell submerged culture in nonionic surfactant micelle aqueous solution. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7083-7089.	1.7	21
57	Comparison of 7.0- and 3.0-T MRI and MRA in ischemic-type moyamoya disease: preliminary experience. <i>Journal of Neurosurgery</i> , 2016, 124, 1716-1725.	0.9	21
58	Premethylation of Foreign DNA Improves Integrative Transformation Efficiency in <i>Synechocystis</i> sp. Strain PCC 6803. <i>Applied and Environmental Microbiology</i> , 2015, 81, 8500-8506.	1.4	20
59	A description of eleven new species of <i>Agaricus</i> sections <i>Xanthodermatei</i> and <i>Hondenses</i> collected from Tibet and the surrounding areas. <i>Phytotaxa</i> , 2016, 257, 99.	0.1	20
60	Loss of the Ubiquitin-conjugating Enzyme UBE2W Results in Susceptibility to Early Postnatal Lethality and Defects in Skin, Immune, and Male Reproductive Systems. <i>Journal of Biological Chemistry</i> , 2016, 291, 3030-3042.	1.6	20
61	A family with Robertsonian translocation: a potential mechanism of speciation in humans. <i>Molecular Cytogenetics</i> , 2016, 9, 48.	0.4	19
62	0.2 V 8T SRAM With PVT-Aware Bitline Sensing and Column-Based Data Randomization. <i>IEEE Journal of Solid-State Circuits</i> , 2016, 51, 1487-1498.	3.5	18
63	A new damselfly (Odonata: Zygoptera: Platystictidae) from mid-Cretaceous Burmese amber. <i>Cretaceous Research</i> , 2016, 63, 142-147.	0.6	18
64	New hemipteran insects (Eoscarterellidae, Scytinopteridae, and Protopsyllidiidae) from the Upper Triassic Potrerillos Formation of Mendoza, Argentina. <i>Palaontologische Zeitschrift</i> , 2016, 90, 49-61.	0.8	18
65	Application of Bio-organic Fertilizer to Control Tomato Fusarium Wilt by Manipulating Soil Microbial Communities and Development. <i>Communications in Soil Science and Plant Analysis</i> , 2015, 46, 2311-2322.	0.6	17
66	Hypocriols Aâ€“F, Heterodimeric Botryane Ethers from <i>Hypocrea</i> sp., an Insect-Associated Fungus. <i>Journal of Natural Products</i> , 2016, 79, 1848-1856.	1.5	17
67	<i>Talaromyces neofusisporus</i> and <i>T. qii</i> , two new species of section <i>Talaromyces</i> isolated from plant leaves in Tibet, China. <i>Scientific Reports</i> , 2016, 6, 18622.	1.6	16
68	Discovery of the Jehol Biota from the Celaomiao region and discussion of the Lower Cretaceous of the Bayingebi Basin, northwestern China. <i>Palaeoworld</i> , 2016, 25, 76-83.	0.5	16
69	The relationship between defecation and feeding in nestling birds: observational and experimental evidence. <i>Frontiers in Zoology</i> , 2015, 12, 21.	0.9	15
70	Suppressing the skinâ€“core structure in injection-molded HDPE parts via the combination of pre-shear and UHMWPE. <i>RSC Advances</i> , 2015, 5, 84483-84491.	1.7	15
71	The first fossil Perilestidae (Odonata: Zygoptera) from mid-Cretaceous Burmese amber. <i>Cretaceous Research</i> , 2016, 65, 199-205.	0.6	15
72	The click-compatible sugar 6-deoxy-alkynyl glucose metabolically incorporates into <i>Arabidopsis</i> root hair tips and arrests their growth. <i>Phytochemistry</i> , 2016, 123, 16-24.	1.4	15

#	ARTICLE	IF	CITATIONS
73	Temporal and spatial variations in the stable carbon isotope composition and carbon and nitrogen contents in current-season twigs of <i>Tamarix chinensis</i> Lour. and their relationships to environmental factors in the Laizhou Bay wetland in China. <i>Ecological Engineering</i> , 2016, 90, 417-426.	1.6	15
74	Mushroom tumor: a new disease on <i>Flammulina velutipes</i> caused by <i>Ochrobactrum pseudogrignonense</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fnv226.	0.7	13
75	Effects of APOE rs429358, rs7412 and GSTM1/GSTT1 Polymorphism on Plasma and Erythrocyte Antioxidant Parameters and Cognition in Old Chinese Adults. <i>Nutrients</i> , 2015, 7, 8261-8273.	1.7	12
76	Absolute configuration assignment of an unusual homoisoflavanone from <i>Polygonum ferrugineum</i> using a combination of chiroptical methods. <i>Tetrahedron Letters</i> , 2015, 56, 6142-6144.	0.7	12
77	The first Oriental protorhyssaline wasp (Hymenoptera: Braconidae): A new genus and species in Upper Cretaceous amber from Myanmar. <i>Cretaceous Research</i> , 2016, 63, 28-32.	0.6	12
78	ANXA11 regulates the tumorigenesis, lymph node metastasis and 5-fluorouracil sensitivity of murine hepatocarcinoma Hca-P cells by targeting c-Jun. <i>Oncotarget</i> , 2016, 7, 16297-16310.	0.8	12
79	Suppression of established hepatocarcinoma in adjuvant only immunotherapy: alum triggers anti-tumor CD8+ T cell response. <i>Scientific Reports</i> , 2015, 5, 17695.	1.6	11
80	Design and synthesis of natural product derivatives with selective and improved cytotoxicity based on a sesquiterpene scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1885-1888.	1.0	11
81	Immuno-potentiating pathway of HBsAg-HBIG immunogenic complex visualized. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 77-84.	1.4	11
82	Longitudinal assessment of fractional anisotropy alterations caused by simian immunodeficiency virus infection: a preliminary diffusion tensor imaging study. <i>Journal of NeuroVirology</i> , 2016, 22, 231-239.	1.0	11
83	Limits on efficient human mindreading: Convergence across Chinese adults and German children. <i>British Journal of Psychology</i> , 2015, 106, 724-740.	1.2	10
84	Decreased Lamina Cribrosa Beam Thickness and Pore Diameter Relative to Distance From the Central Retinal Vessel Trunk. , 2016, 57, 3088.		10
85	Nanoparticles-in-concavities as efficient nanocatalysts for carbon dioxide reforming of methane to hydrogen and syngas. <i>Catalysis Science and Technology</i> , 2016, 6, 4565-4576.	2.1	10
86	Naturally-Acquired Immune Response against <i>Plasmodium vivax</i> Rhoptry-Associated Membrane Antigen. <i>PLoS ONE</i> , 2016, 11, e0148723.	1.1	9
87	Neonatal kaposiform hemangioendothelioma of the spleen associated with Kasabach-Merritt phenomenon. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1047-1050.	0.8	8
88	A novel missense mutation of <i>TNNI2</i> in a Chinese family cause distal arthrogyrosis type 1. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 135-141.	0.7	8
89	An endoparasitoid Cretaceous fly and the evolution of parasitoidism. <i>Die Naturwissenschaften</i> , 2016, 103, 2.	0.6	8
90	Deposition of BACE-1 Protein in the Brains of APP/PS1 Double Transgenic Mice. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	7

#	ARTICLE	IF	CITATIONS
91	Exome sequencing identifies a novel nonsense mutation of HOXD13 in a Chinese family with synpolydactyly. <i>Congenital Anomalies (discontinued)</i> , 2017, 57, 4-7.	0.3	6
92	Comparative outcomes of carotid artery stenting for asymptomatic and symptomatic carotid artery stenosis: a single-center prospective study. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 126-129.	2.0	5
93	The chloroplast genome sequence of an important medicinal plant <i>Dioscorea nipponica</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2559-2560.	0.7	4
94	An S_{4-} -symmetric mixed-valent decacopper cage comprised of $[Cu^{II}(L-S_2N_2)]$ complexes bridged by $Cu^{I}(MeCN)_n$ ($n = 1$ or 2) cations. <i>Dalton Transactions</i> , 2016, 45, 2997-3002.	1.6	4
95	Outcomes of 13 ICSI-PGD cycles with ejaculated spermatozoa in patients with Klinefelter syndrome. <i>Asian Journal of Andrology</i> , 2016, 18, 498.	0.8	4
96	A new species of <i>Scleroramularia</i> associated with sooty blotch and flyspeck in Southern China. <i>Phytotaxa</i> , 2015, 226, 261.	0.1	3
97	Oligomerization of Cry9Aa in solution without receptor binding, is not related with insecticidal activity. <i>Electronic Journal of Biotechnology</i> , 2016, 21, 54-57.	1.2	3
98	Cross-sectional data on alcohol and marijuana use and sexual behavior among male and female secondary school students in New Providence, The Bahamas. <i>International Journal of Adolescent Medicine and Health</i> , 2016, 28, 133-140.	0.6	3
99	A novel GJA1 mutation identified by whole exome sequencing in a Chinese family with autosomal dominant syndactyly. <i>Clinica Chimica Acta</i> , 2016, 459, 73-78.	0.5	3
100	Physiologically distinct neuronal type in primate cortex. <i>Oncotarget</i> , 2015, 6, 16820-16821.	0.8	0