Dan Su

List of Publications by Year
in descending order

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60	2,420	236925	214800
papers	citations	25	47
		h-index	g-index

64	64	64	3976
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bisindole [3]arenesâ€"Indolyl Macrocyclic Arenes Having Significant Iodine Capture Capacity. CCS Chemistry, 2022, 4, 1806-1814.	7.8	39
2	SlERF.F12 modulates the transition to ripening in tomato fruit by recruiting the co-repressor TOPLESS and histone deacetylases to repress key ripening genes. Plant Cell, 2022, 34, 1250-1272.	6.6	57
3	Crystal Structures of Wolbachia CidA and CidB Reveal Determinants of Bacteria-induced Cytoplasmic Incompatibility and Rescue. Nature Communications, 2022, 13, 1608.	12.8	15
4	Structural Insight into Molecular Inhibitory Mechanism of InsP ₆ on African Swine Fever Virus mRNA-Decapping Enzyme g5Rp. Journal of Virology, 2022, 96, e0190521.	3.4	3
5	Pyrene-tiaraed pillar[5]arene: Strong intramolecular excimer emission applicable for photo-writing. Chinese Chemical Letters, 2021, 32, 345-348.	9.0	35
6	Nonstructural protein 7 and 8 complexes of SARSâ€CoVâ€2. Protein Science, 2021, 30, 873-881.	7.6	15
7	Overtemperature-protection intelligent molecular chiroptical photoswitches. Nature Communications, 2021, 12, 2600.	12.8	66
8	Structural insights into multifunctionality of human FACT complex subunit hSSRP1. Journal of Biological Chemistry, 2021, 297, 101360.	3.4	2
9	The tetrameric assembly of 2â€aminomuconic 6â€semialdehyde dehydrogenase is a functional requirement of cofactor NAD + binding. Environmental Microbiology, 2021, , .	3.8	1
10	Genome-Wide Identification of DNA Methylases and Demethylases in Kiwifruit (Actinidia chinensis). Frontiers in Plant Science, 2020, 11, 514993.	3.6	7
11	Structural basis for the multimerization of nonstructural protein nsp9 from SARS-CoV-2. Molecular Biomedicine, 2020, 1, 5.	4.4	21
12	MicroTom Metabolic Network: Rewiring Tomato Metabolic Regulatory Network throughout the Growth Cycle. Molecular Plant, 2020, 13, 1203-1218.	8.3	107
13	A Quinoline-Appended Cyclodextrin Derivative as a Highly Selective Receptor and Colorimetric Probe for Nucleotides. IScience, 2020, 23, 100927.	4.1	15
14	Potential effects of antibioticâ€induced gut microbiome alteration on bloodâ€"brain barrier permeability compromise in rhesus monkeys. Annals of the New York Academy of Sciences, 2020, 1470, 14-24.	3.8	28
15	Overexpression of bHLH95, a basic helixâ€"loopâ€"helix transcription factor family member, impacts trichome formation via regulating gibberellin biosynthesis in tomato. Journal of Experimental Botany, 2020, 71, 3450-3462.	4.8	32
16	Comprehensive Profiling of Tubby-Like Protein Expression Uncovers Ripening-Related TLP Genes in Tomato (Solanum lycopersicum). International Journal of Molecular Sciences, 2020, 21, 1000.	4.1	15
17	Redoxâ€Triggered Chirality Switching and Guestâ€Capture/Release with a Pillar[6]areneâ€Based Molecular Universal Joint. Angewandte Chemie - International Edition, 2020, 59, 8094-8098.	13.8	89
18	Redoxâ€Triggered Chirality Switching and Guestâ€Capture/Release with a Pillar[6]areneâ€Based Molecular Universal Joint. Angewandte Chemie, 2020, 132, 8171-8175.	2.0	20

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19	Architecture of the herpesvirus genome-packaging complex and implications for DNA translocation. Protein and Cell, 2020, 11, 339-351.	11.0	53
20	Structure of the enterovirus D68 RNA-dependent RNA polymerase in complex with NADPH implicates an inhibitor binding site in the RNA template tunnel. Journal of Structural Biology, 2020, 211, 107510.	2.8	6
21	Precise Manipulation of Temperatureâ€Đriven Chirality Switching of Molecular Universal Joints through Solvent Mixing. Chemistry - A European Journal, 2019, 25, 12526-12537.	3.3	30
22	Precise Manipulation of Temperatureâ€Đriven Chirality Switching of Molecular Universal Joints through Solvent Mixing. Chemistry - A European Journal, 2019, 25, 12451-12451.	3.3	2
23	A Unique Homo-Hexameric Structure of 2-Aminomuconate Deaminase in the Bacterium Pseudomonas species APâ€“3. Frontiers in Microbiology, 2019, 10, 2079.	3.5	3
24	Oxidization of TGFÎ²-activated kinase by MPT53 is required for immunity to Mycobacterium tuberculosis. Nature Microbiology, 2019, 4, 1378-1388.	13.3	20
25	Structural basis for the acetylation of histone H3K9 and H3K27 mediated by the histone chaperone Vps75 in Pneumocystis carinii. Signal Transduction and Targeted Therapy, 2019, 4, 14.	17.1	4
26	Structural basis for neutralization of hepatitis A virus informs a rational design of highly potent inhibitors. PLoS Biology, 2019, 17, e3000229.	5.6	12
27	Cul4 E3 ubiquitin ligase regulates ovarian cancer drug resistance by targeting the antiapoptotic protein BIRC3. Cell Death and Disease, 2019, 10, 104.	6.3	30
28	The structural basis of human Spt16â€¯N-terminal domain interaction with histone (H3-H4)2 tetramer. Biochemical and Biophysical Research Communications, 2019, 508, 864-870.	2.1	6
29	Structural features and kinetic characterization of alanine racemase from Bacillus pseudofirmus OF4. Biochemical and Biophysical Research Communications, 2018, 497, 139-145.	2.1	3
30	Switched enantioselectivity by solvent components and temperature in photocyclodimerization of 2-anthracenecarboxylate with 6 A ,6 X -diguanidioâˆ’ Î³ -cyclodextrins. Chinese Chemical Letters, 2018, 29, 87-90.	9.0	32
31	A BODIPY-based near infrared fluorescent probe for Fe3+ in water. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 355, 78-83.	3.9	22
32	Identification of Smoking-Associated Differentially Methylated Regions Using Reduced Representation Bisulfite Sequencing and Cell typeâ€“Specific Enhancer Activation and Gene Expression. Environmental Health Perspectives, 2018, 126, 047015.	6.0	26
33	A benzimidazole-based highly selective colorimetric and far-red fluorometric pH sensor for intracellular imaging. New Journal of Chemistry, 2018, 42, 12954-12959.	2.8	13
34	Supramolecular Assemblyâ€Ėmproved Tripletâ€“Triplet Annihilation Upconversion in Aqueous Solution. Chemistry - A European Journal, 2018, 24, 16677-16685.	3.3	29
35	Structural basis for dimerization and RNA binding of avian infectious bronchitis virus nsp9. Protein Science, 2017, 26, 1037-1048.	7.6	35
36	Photochirogenic nanosponges: phase-controlled enantiodifferentiating photoisomerization of (Z)-cyclooctene sensitized by pyromellitate-crosslinked linear maltodextrin. RSC Advances, 2017, 7, 17184-17192.	3.6	11

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37	Temporal analysis of bloodâ€“brain barrier disruption and cerebrospinal fluid matrix metalloproteinases in rhesus monkeys subjected to transient ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2963-2974.	4.3	28
38	Chiral Buckybowl Molecules. Symmetry, 2017, 9, 174.	2.2	22
39	How many proteins are there in humans. Chinese Science Bulletin, 2017, 62, 3256-3261.	0.7	0
40	Distinct Epigenetic Effects of Tobacco Smoking in Whole Blood and among Leukocyte Subtypes. PLoS ONE, 2016, 11, e0166486.	2.5	113
41	Enhanced head-to-head photodimers in the photocyclodimerization of anthracenecarboxylic acid with a cationic pillar[6]arene. Chinese Chemical Letters, 2016, 27, 1017-1021.	9.0	42
42	Enantiodifferentiating [4 + 4] photocyclodimerization of 2-anthracenecarboxylate mediated by a self-assembled iron tetrahedral coordination cage. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 95-101.	3.9	18
43	Efficient Inhibition of Ovarian Cancer by Gelonin Toxin Gene Delivered by Biodegradable Cationic Heparin-polyethyleneimine Nanogels. International Journal of Medical Sciences, 2015, 12, 397-406.	2.5	15
44	Efficient expression, purification and characterization of native human cystatin C in Escherichia coli periplasm. Protein Expression and Purification, 2015, 111, 18-22.	1.3	10
45	TIM-1 acts a dual-attachment receptor for Ebolavirus by interacting directly with viral GP and the PS on the viral envelope. Protein and Cell, 2015, 6, 814-824.	11.0	39
46	Structures of the yeast dynamin-like GTPase Sey1p provide insight into homotypic ER fusion. Journal of Cell Biology, 2015, 210, 961-972.	5.2	46
47	Hereditary features, treatment, and prognosis of the lipoprotein glomerulopathy in patients with the APOE Kyoto mutation. Kidney International, 2014, 85, 416-424.	5.2	41
48	Cyclophilin A Associates with Enterovirus-71 Virus Capsid and Plays an Essential Role in Viral Infection as an Uncoating Regulator. PLoS Pathogens, 2014, 10, e1004422.	4.7	74
49	Crystallization and preliminary crystallographic study of human coronavirus NL63 main protease in complex with an inhibitor. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1068-1071.	0.8	2
50	Structural basis for recognition of H3K56-acetylated histone H3â€“H4 by the chaperone Rtt106. Nature, 2012, 483, 104-107.	27.8	99
51	Structure and Histone Binding Properties of the Vps75-Rtt109 Chaperone-Lysine Acetyltransferase Complex. Journal of Biological Chemistry, 2011, 286, 15625-15629.	3.4	34
52	c.822+126T>G/C: a novel triallelic polymorphism of the TSSK6 gene associated with spermatogenic impairment in a Chinese population. Asian Journal of Andrology, 2010, 12, 234-239.	1.6	15
53	Crystallization and Preliminary Crystallographic Analysis of Recombinant Human Calcyphosine. Protein and Peptide Letters, 2009, 16, 339-341.	0.9	0
54	Mutation Screening and Association Study of the TSSK4 Gene in Chinese Infertile Men With Impaired Spermatogenesis. Journal of Andrology, 2008, 29, 374-378.	2.0	18

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55	Crystal-Structure and Biochemical Characterization of Recombinant Human Calcyphosine Delineates a Novel EF-Hand-Containing Protein Family. Journal of Molecular Biology, 2008, 383, 455-464.	4.2	19
56	Preliminary molecular characterization and crystallization of mitochondrial respiratory complexâ€ƒII from porcine heart. FEBS Journal, 2007, 274, 1524-1529.	4.7	10
57	New Antiviral Target Revealed by the Hexameric Structure of Mouse Hepatitis Virus Nonstructural Protein nsp15. Journal of Virology, 2006, 80, 7909-7917.	3.4	85
58	Dodecamer Structure of Severe Acute Respiratory Syndrome Coronavirus Nonstructural Protein nsp10. Journal of Virology, 2006, 80, 7902-7908.	3.4	95
59	Crystal Structure of Mitochondrial Respiratory Membrane Protein Complex II. Cell, 2005, 121, 1043-1057.	28.9	689
60	Structural Insight into Terminal Galactose Recognition by Two Non-HBGA Binding GI.3 Noroviruses. Journal of Virology, 0, , .	3.4	0