

# Dan Su

## List of Publications by Year in descending order

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60  
papers

2,420  
citations

236925

25  
h-index

214800

47  
g-index

64  
all docs

64  
docs citations

64  
times ranked

3976  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of Mitochondrial Respiratory Membrane Protein Complex II. <i>Cell</i> , 2005, 121, 1043-1057.	28.9	689
2	Distinct Epigenetic Effects of Tobacco Smoking in Whole Blood and among Leukocyte Subtypes. <i>PLoS ONE</i> , 2016, 11, e0166486.	2.5	113
3	MicroTom Metabolic Network: Rewiring Tomato Metabolic Regulatory Network throughout the Growth Cycle. <i>Molecular Plant</i> , 2020, 13, 1203-1218.	8.3	107
4	Structural basis for recognition of H3K56-acetylated histone H3â€“H4 by the chaperone Rtt106. <i>Nature</i> , 2012, 483, 104-107.	27.8	99
5	Dodecamer Structure of Severe Acute Respiratory Syndrome Coronavirus Nonstructural Protein nsp10. <i>Journal of Virology</i> , 2006, 80, 7902-7908.	3.4	95
6	Redoxâ€“Triggered Chirality Switching and Guestâ€“Capture/Release with a Pillar[6]areneâ€“Based Molecular Universal Joint. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8094-8098.	13.8	89
7	New Antiviral Target Revealed by the Hexameric Structure of Mouse Hepatitis Virus Nonstructural Protein nsp15. <i>Journal of Virology</i> , 2006, 80, 7909-7917.	3.4	85
8	Cyclophilin A Associates with Enterovirus-71 Virus Capsid and Plays an Essential Role in Viral Infection as an Uncoating Regulator. <i>PLoS Pathogens</i> , 2014, 10, e1004422.	4.7	74
9	Overttemperature-protection intelligent molecular chiroptical photoswitches. <i>Nature Communications</i> , 2021, 12, 2600.	12.8	66
10	SIERF.F12 modulates the transition to ripening in tomato fruit by recruiting the co-repressor TOPLESS and histone deacetylases to repress key ripening genes. <i>Plant Cell</i> , 2022, 34, 1250-1272.	6.6	57
11	Architecture of the herpesvirus genome-packaging complex and implications for DNA translocation. <i>Protein and Cell</i> , 2020, 11, 339-351.	11.0	53
12	Structures of the yeast dynamin-like GTPase Sey1p provide insight into homotypic ER fusion. <i>Journal of Cell Biology</i> , 2015, 210, 961-972.	5.2	46
13	Enhanced head-to-head photodimers in the photocyclodimerization of anthracenecarboxylic acid with a cationic pillar[6]arene. <i>Chinese Chemical Letters</i> , 2016, 27, 1017-1021.	9.0	42
14	Hereditary features, treatment, and prognosis of the lipoprotein glomerulopathy in patients with the APOE Kyoto mutation. <i>Kidney International</i> , 2014, 85, 416-424.	5.2	41
15	TIM-1 acts a dual-attachment receptor for Ebolavirus by interacting directly with viral GP and the PS on the viral envelope. <i>Protein and Cell</i> , 2015, 6, 814-824.	11.0	39
16	Bisindole [3]arenesâ€“Indolyl Macrocyclic Arenes Having Significant Iodine Capture Capacity. <i>CCS Chemistry</i> , 2022, 4, 1806-1814.	7.8	39
17	Structural basis for dimerization and RNA binding of avian infectious bronchitis virus nsp9. <i>Protein Science</i> , 2017, 26, 1037-1048.	7.6	35
18	Pyrene-tiaraed pillar[5]arene: Strong intramolecular excimer emission applicable for photo-writing. <i>Chinese Chemical Letters</i> , 2021, 32, 345-348.	9.0	35

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19	Structure and Histone Binding Properties of the Vps75-Rtt109 Chaperone-Lysine Acetyltransferase Complex. <i>Journal of Biological Chemistry</i> , 2011, 286, 15625-15629.	3.4	34
20	Switched enantioselectivity by solvent components and temperature in photocyclodimerization of 2-anthracenecarboxylate with 6 A ,6 X -diguanioâ” Î³ -cyclodextrins. <i>Chinese Chemical Letters</i> , 2018, 29, 87-90.	9.0	32
21	Overexpression of bHLH95, a basic helixâ€loopâ€helix transcription factor family member, impacts trichome formation via regulating gibberellin biosynthesis in tomato. <i>Journal of Experimental Botany</i> , 2020, 71, 3450-3462.	4.8	32
22	Precise Manipulation of Temperatureâ€Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. <i>Chemistry - A European Journal</i> , 2019, 25, 12526-12537.	3.3	30
23	Cul4 E3 ubiquitin ligase regulates ovarian cancer drug resistance by targeting the antiapoptotic protein BIRC3. <i>Cell Death and Disease</i> , 2019, 10, 104.	6.3	30
24	Supramolecular Assemblyâ€Improved Tripletâ€Triplet Annihilation Upconversion in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 16677-16685.	3.3	29
25	Temporal analysis of bloodâ€brain barrier disruption and cerebrospinal fluid matrix metalloproteinases in rhesus monkeys subjected to transient ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2963-2974.	4.3	28
26	Potential effects of antibioticâ€induced gut microbiome alteration on bloodâ€brain barrier permeability compromise in rhesus monkeys. <i>Annals of the New York Academy of Sciences</i> , 2020, 1470, 14-24.	3.8	28
27	Identification of Smoking-Associated Differentially Methylated Regions Using Reduced Representation Bisulfite Sequencing and Cell typeâ€Specific Enhancer Activation and Gene Expression. <i>Environmental Health Perspectives</i> , 2018, 126, 047015.	6.0	26
28	Chiral Buckybowl Molecules. <i>Symmetry</i> , 2017, 9, 174.	2.2	22
29	A BODIPY-based near infrared fluorescent probe for Fe <sup>3+</sup> in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 78-83.	3.9	22
30	Structural basis for the multimerization of nonstructural protein nsp9 from SARS-CoV-2. <i>Molecular Biomedicine</i> , 2020, 1, 5.	4.4	21
31	Oxidization of TGFÎ²-activated kinase by MPT53 is required for immunity to <i>Mycobacterium tuberculosis</i> . <i>Nature Microbiology</i> , 2019, 4, 1378-1388.	13.3	20
32	Redoxâ€Triggered Chirality Switching and Guestâ€Capture/Release with a Pillar[6]areneâ€Based Molecular Universal Joint. <i>Angewandte Chemie</i> , 2020, 132, 8171-8175.	2.0	20
33	Crystal-Structure and Biochemical Characterization of Recombinant Human Calcyphosine Delineates a Novel EF-Hand-Containing Protein Family. <i>Journal of Molecular Biology</i> , 2008, 383, 455-464.	4.2	19
34	Mutation Screening and Association Study of the TSSK4 Gene in Chinese Infertile Men With Impaired Spermatogenesis. <i>Journal of Andrology</i> , 2008, 29, 374-378.	2.0	18
35	Enantiodifferentiating [4 + 4] photocyclodimerization of 2-anthracenecarboxylate mediated by a self-assembled iron tetrahedral coordination cage. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 95-101.	3.9	18
36	Efficient Inhibition of Ovarian Cancer by Gelonin Toxin Gene Delivered by Biodegradable Cationic Heparin-polyethyleneimine Nanogels. <i>International Journal of Medical Sciences</i> , 2015, 12, 397-406.	2.5	15

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37	A Quinoline-Appended Cyclodextrin Derivative as a Highly Selective Receptor and Colorimetric Probe for Nucleotides. <i>IScience</i> , 2020, 23, 100927.	4.1	15
38	Comprehensive Profiling of Tubby-Like Protein Expression Uncovers Ripening-Related TLP Genes in Tomato ( <i>Solanum lycopersicum</i> ). <i>International Journal of Molecular Sciences</i> , 2020, 21, 1000.	4.1	15
39	Nonstructural protein 7 and 8 complexes of SARS-CoV-2. <i>Protein Science</i> , 2021, 30, 873-881.	7.6	15
40	c.822+126T>G/C: a novel triallelic polymorphism of the TSSK6 gene associated with spermatogenic impairment in a Chinese population. <i>Asian Journal of Andrology</i> , 2010, 12, 234-239.	1.6	15
41	Crystal Structures of <i>Wolbachia</i> CidA and CidB Reveal Determinants of Bacteria-induced Cytoplasmic Incompatibility and Rescue. <i>Nature Communications</i> , 2022, 13, 1608.	12.8	15
42	A benzimidazole-based highly selective colorimetric and far-red fluorometric pH sensor for intracellular imaging. <i>New Journal of Chemistry</i> , 2018, 42, 12954-12959.	2.8	13
43	Structural basis for neutralization of hepatitis A virus informs a rational design of highly potent inhibitors. <i>PLoS Biology</i> , 2019, 17, e3000229.	5.6	12
44	Photochromogenic nanosponges: phase-controlled enantiodifferentiating photoisomerization of (Z)-cyclooctene sensitized by pyromellitate-crosslinked linear maltodextrin. <i>RSC Advances</i> , 2017, 7, 17184-17192.	3.6	11
45	Preliminary molecular characterization and crystallization of mitochondrial respiratory complex I from porcine heart. <i>FEBS Journal</i> , 2007, 274, 1524-1529.	4.7	10
46	Efficient expression, purification and characterization of native human cystatin C in <i>Escherichia coli</i> periplasm. <i>Protein Expression and Purification</i> , 2015, 111, 18-22.	1.3	10
47	Genome-Wide Identification of DNA Methylases and Demethylases in Kiwifruit ( <i>Actinidia chinensis</i> ). <i>Frontiers in Plant Science</i> , 2020, 11, 514993.	3.6	7
48	The structural basis of human Spt16 N-terminal domain interaction with histone (H3-H4) <sub>2</sub> tetramer. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 864-870.	2.1	6
49	Structure of the enterovirus D68 RNA-dependent RNA polymerase in complex with NADPH implicates an inhibitor binding site in the RNA template tunnel. <i>Journal of Structural Biology</i> , 2020, 211, 107510.	2.8	6
50	Structural basis for the acetylation of histone H3K9 and H3K27 mediated by the histone chaperone Vps75 in <i>Pneumocystis carinii</i> . <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 14.	17.1	4
51	Structural features and kinetic characterization of alanine racemase from <i>Bacillus pseudofirmus</i> OF4. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 139-145.	2.1	3
52	A Unique Homo-Hexameric Structure of 2-Aminomuconate Deaminase in the Bacterium <i>Pseudomonas</i> species AP-3. <i>Frontiers in Microbiology</i> , 2019, 10, 2079.	3.5	3
53	Structural Insight into Molecular Inhibitory Mechanism of InsP <sub>6</sub> on African Swine Fever Virus mRNA-Decapping Enzyme g5Rp. <i>Journal of Virology</i> , 2022, 96, e0190521.	3.4	3
54	Crystallization and preliminary crystallographic study of human coronavirus NL63 main protease in complex with an inhibitor. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1068-1071.	0.8	2

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55	Precise Manipulation of Temperature-Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. <i>Chemistry - A European Journal</i> , 2019, 25, 12451-12451.	3.3	2
56	Structural insights into multifunctionality of human FACT complex subunit hSSRP1. <i>Journal of Biological Chemistry</i> , 2021, 297, 101360.	3.4	2
57	The tetrameric assembly of 2-aminomuconic 6-semialdehyde dehydrogenase is a functional requirement of cofactor NAD + binding. <i>Environmental Microbiology</i> , 2021, , .	3.8	1
58	Crystallization and Preliminary Crystallographic Analysis of Recombinant Human Calcyphosine. <i>Protein and Peptide Letters</i> , 2009, 16, 339-341.	0.9	0
59	How many proteins are there in humans. <i>Chinese Science Bulletin</i> , 2017, 62, 3256-3261.	0.7	0
60	Structural Insight into Terminal Galactose Recognition by Two Non-HBGA Binding GI.3 Noroviruses. <i>Journal of Virology</i> , 0, , .	3.4	0