

Weidong Wang

List of Publications by Year in descending order

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papers

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20817

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152
docs citations

152
times ranked

15605
citing authors

#	ARTICLE	IF	CITATIONS
1	NURD, a Novel Complex with Both ATP-Dependent Chromatin-Remodeling and Histone Deacetylase Activities. <i>Molecular Cell</i> , 1998, 2, 851-861.	9.7	891
2	Rapid and Phosphoinositol-Dependent Binding of the SWI/SNF-like BAF Complex to Chromatin after T Lymphocyte Receptor Signaling. <i>Cell</i> , 1998, 95, 625-636.	28.9	683
3	Superoxide Flashes in Single Mitochondria. <i>Cell</i> , 2008, 134, 279-290.	28.9	643
4	Diversity and specialization of mammalian SWI/SNF complexes.. <i>Genes and Development</i> , 1996, 10, 2117-2130.	5.9	634
5	Emergence of a DNA-damage response network consisting of Fanconi anaemia and BRCA proteins. <i>Nature Reviews Genetics</i> , 2007, 8, 735-748.	16.3	621
6	A novel ubiquitin ligase is deficient in Fanconi anemia. <i>Nature Genetics</i> , 2003, 35, 165-170.	21.4	533
7	Binding and Stimulation of HIV-1 Integrase by a Human Homolog of Yeast Transcription Factor SNF5. <i>Science</i> , 1994, 266, 2002-2006.	12.6	506
8	BRCA1 Is Associated with a Human SWI/SNF-Related Complex. <i>Cell</i> , 2000, 102, 257-265.	28.9	504
9	Fanconi anemia is associated with a defect in the BRCA2 partner PALB2. <i>Nature Genetics</i> , 2007, 39, 159-161.	21.4	402
10	A human ortholog of archaeal DNA repair protein Hef is defective in Fanconi anemia complementation group M. <i>Nature Genetics</i> , 2005, 37, 958-963.	21.4	395
11	A Multiprotein Nuclear Complex Connects Fanconi Anemia and Bloom Syndrome. <i>Molecular and Cellular Biology</i> , 2003, 23, 3417-3426.	2.3	329
12	The ATRX syndrome protein forms a chromatin-remodeling complex with Daxx and localizes in promyelocytic leukemia nuclear bodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10635-10640.	7.1	322
13	A Specificity and Targeting Subunit of a Human SWI/SNF Family-Related Chromatin-Remodeling Complex. <i>Molecular and Cellular Biology</i> , 2000, 20, 8879-8888.	2.3	273
14	X-linked inheritance of Fanconi anemia complementation group B. <i>Nature Genetics</i> , 2004, 36, 1219-1224.	21.4	271
15	Identification of FAAP24, a Fanconi Anemia Core Complex Protein that Interacts with FANCM. <i>Molecular Cell</i> , 2007, 25, 331-343.	9.7	264
16	The human SWI/SNF-B chromatin-remodeling complex is related to yeast Rsc and localizes at kinetochores of mitotic chromosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13015-13020.	7.1	246
17	BLAP75/RMI1 promotes the BLM-dependent dissolution of homologous recombination intermediates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4068-4073.	7.1	244
18	Drosophila Epsin mediates a select endocytic pathway that DSL ligands must enter to activate Notch. <i>Development (Cambridge)</i> , 2004, 131, 5367-5380.	2.5	220

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19	Polymerase II promoter activation: closed complex formation and ATP-driven start site opening. <i>Science</i> , 1992, 255, 450-453.	12.6	218
20	PBAF chromatin-remodeling complex requires a novel specificity subunit, BAF200, to regulate expression of selective interferon-responsive genes. <i>Genes and Development</i> , 2005, 19, 1662-1667.	5.9	214
21	A Histone-Fold Complex and FANCM Form a Conserved DNA-Remodeling Complex to Maintain Genome Stability. <i>Molecular Cell</i> , 2010, 37, 865-878.	9.7	204
22	Phosphorylation of MeCP2 at Serine 80 regulates its chromatin association and neurological function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4882-4887.	7.1	200
23	Autophosphorylation at serine 1987 is dispensable for murine Atm activation in vivo. <i>Nature</i> , 2006, 443, 222-225.	27.8	187
24	BAF60a Mediates Critical Interactions between Nuclear Receptors and the BRG1 Chromatin-Remodeling Complex for Transactivation. <i>Molecular and Cellular Biology</i> , 2003, 23, 6210-6220.	2.3	180
25	Uncovering Early Response of Gene Regulatory Networks in ESCs by Systematic Induction of Transcription Factors. <i>Cell Stem Cell</i> , 2009, 5, 420-433.	11.1	178
26	RMI, a new OB-fold complex essential for Bloom syndrome protein to maintain genome stability. <i>Genes and Development</i> , 2008, 22, 2843-2855.	5.9	175
27	Characterization of SWI/SNF protein expression in human breast cancer cell lines and other malignancies. <i>Journal of Cellular Physiology</i> , 2001, 186, 136-145.	4.1	172
28	BLAP75, an essential component of Bloom's syndrome protein complexes that maintain genome integrity. <i>EMBO Journal</i> , 2005, 24, 1465-1476.	7.8	170
29	The acidic activator GAL4-AH can stimulate polymerase II transcription by promoting assembly of a closed complex requiring TFIID and TFIIA. <i>Genes and Development</i> , 1992, 6, 1716-1727.	5.9	166
30	The DNA Translocase FANCM/MHF Promotes Replication Traverse of DNA Interstrand Crosslinks. <i>Molecular Cell</i> , 2013, 52, 434-446.	9.7	165
31	Architectural DNA binding by a high-mobility-group/kinesin-like subunit in mammalian SWI/SNF-related complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 492-498.	7.1	162
32	Distinct roles for Mind bomb, Neuralized and Epsin in mediating DSL endocytosis and signaling in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2005, 132, 2883-2894.	2.5	158
33	Scavenging energy from ultra-low frequency mechanical excitations through a bi-directional hybrid energy harvester. <i>Applied Energy</i> , 2018, 216, 8-20.	10.1	150
34	BAF250B-Associated SWI/SNF Chromatin-Remodeling Complex Is Required to Maintain Undifferentiated Mouse Embryonic Stem Cells. <i>Stem Cells</i> , 2008, 26, 1155-1165.	3.2	148
35	A family of chromatin remodeling factors related to Williams syndrome transcription factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1038-1043.	7.1	143
36	Identification of a polymorphic, neuron-specific chromatin remodeling complex. <i>Genes and Development</i> , 2002, 16, 2509-2517.	5.9	141

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37	FAAP100 is essential for activation of the Fanconi anemia-associated DNA damage response pathway. <i>EMBO Journal</i> , 2007, 26, 2104-2114.	7.8	130
38	Human RECQ1 and RECQ4 Helicases Play Distinct Roles in DNA Replication Initiation. <i>Molecular and Cellular Biology</i> , 2010, 30, 1382-1396.	2.3	129
39	Characterization of SWI/SNF protein expression in human breast cancer cell lines and other malignancies. <i>Journal of Cellular Physiology</i> , 2001, 186, 136-145.	4.1	126
40	Top3 ^Δ is an RNA topoisomerase that works with fragile X syndrome protein to promote synapse formation. <i>Nature Neuroscience</i> , 2013, 16, 1238-1247.	14.8	124
41	FANCM of the Fanconi anemia core complex is required for both monoubiquitination and DNA repair. <i>Human Molecular Genetics</i> , 2008, 17, 1641-1652.	2.9	113
42	Specific targeting and constitutive association of histone deacetylase complexes during transcriptional repression. <i>Genes and Development</i> , 2002, 16, 687-692.	5.9	112
43	Fanconi Anemia Proteins Are Required To Prevent Accumulation of Replication-Associated DNA Double-Strand Breaks. <i>Molecular and Cellular Biology</i> , 2006, 26, 425-437.	2.3	103
44	hSSB1 and hSSB2 Form Similar Multiprotein Complexes That Participate in DNA Damage Response. <i>Journal of Biological Chemistry</i> , 2009, 284, 23525-23531.	3.4	98
45	RECQL4, mutated in the Rothmund-Thomson and RAPADILINO syndromes, interacts with ubiquitin ligases UBR1 and UBR2 of the N-end rule pathway. <i>Human Molecular Genetics</i> , 2004, 13, 2421-2430.	2.9	96
46	Phospholipid homeostasis regulates lipid metabolism and cardiac function through SREBP signaling in <i>Drosophila</i> . <i>Genes and Development</i> , 2011, 25, 189-200.	5.9	96
47	Rif1 provides a new DNA-binding interface for the Bloom syndrome complex to maintain normal replication. <i>EMBO Journal</i> , 2010, 29, 3140-3155.	7.8	92
48	FANCL Replaces BRCA1 as the Likely Ubiquitin Ligase Responsible for FANCD2 Monoubiquitination. <i>Cell Cycle</i> , 2004, 3, 174-176.	2.6	88
49	Small-Molecule Inducer of $\hat{2}$ Cell Proliferation Identified by High-Throughput Screening. <i>Journal of the American Chemical Society</i> , 2013, 135, 1669-1672.	13.7	88
50	Identification of small-molecule inducers of pancreatic $\hat{2}$ -cell expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1427-1432.	7.1	85
51	NaCl-assisted one-step growth of MoS ₂ WS ₂ in-plane heterostructures. <i>Nanotechnology</i> , 2017, 28, 325602.	2.6	85
52	Alteration of hSNF5/INI1/BAF47 detected in rhabdoid cell lines and primary rhabdomyosarcomas but not Wilms' tumors. <i>Oncogene</i> , 1999, 18, 7559-7565.	5.9	84
53	Evidence for subcomplexes in the Fanconi anemia pathway. <i>Blood</i> , 2006, 108, 2072-2080.	1.4	84
54	Novel SWI/SNF Chromatin-Remodeling Complexes Contain a Mixed-Lineage Leukemia Chromosomal Translocation Partner. <i>Molecular and Cellular Biology</i> , 2003, 23, 2942-2952.	2.3	82

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55	Recruitment of Fanconi Anemia and Breast Cancer Proteins to DNA Damage Sites Is Differentially Governed by Replication. <i>Molecular Cell</i> , 2009, 35, 716-723.	9.7	82
56	Transient bursts of Zscan4 expression are accompanied by the rapid derepression of heterochromatin in mouse embryonic stem cells. <i>DNA Research</i> , 2015, 22, 307-318.	3.4	75
57	Role of the mammalian SWI/SNF chromatin remodeling complex in the cellular response to UV damage. <i>Cell Cycle</i> , 2008, 7, 1067-1074.	2.6	70
58	Loss of the INI1 tumor suppressor does not impair the expression of multiple BRG1-dependent genes or the assembly of SWI/SNF enzymes. <i>Oncogene</i> , 2004, 23, 3462-3473.	5.9	69
59	FANCM and FAAP24 Maintain Genome Stability via Cooperative as Well as Unique Functions. <i>Molecular Cell</i> , 2013, 49, 997-1009.	9.7	69
60	RNA topoisomerase is prevalent in all domains of life and associates with polyribosomes in animals. <i>Nucleic Acids Research</i> , 2016, 44, 6335-6349.	14.5	63
61	Stereolithographic 3D Printing-Based Hierarchically Cellular Lattices for High-Performance Quasi-Solid Supercapacitor. <i>Nano-Micro Letters</i> , 2019, 11, 46.	27.0	62
62	Crystal structure of DCoH, a bifunctional, protein-binding transcriptional coactivator. <i>Science</i> , 1995, 268, 556-559.	12.6	61
63	A Ubiquitin-Binding Protein, FAAP20, Links RNF8-Mediated Ubiquitination to the Fanconi Anemia DNA Repair Network. <i>Molecular Cell</i> , 2012, 47, 61-75.	9.7	61
64	RecQL5 Promotes Genome Stabilization through Two Parallel Mechanisms—Interacting with RNA Polymerase II and Acting as a Helicase. <i>Molecular and Cellular Biology</i> , 2010, 30, 2460-2472.	2.3	58
65	Defining the molecular interface that connects the Fanconi anemia protein FANCM to the Bloom syndrome dissolvosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4437-4442.	7.1	56
66	Adsorption of CO molecules on doped graphene: A first-principles study. <i>AIP Advances</i> , 2016, 6, .	1.3	56
67	BAF250a Protein Regulates Nucleosome Occupancy and Histone Modifications in Priming Embryonic Stem Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2015, 290, 19343-19352.	3.4	55
68	First-Principles Study on the Structural and Electronic Properties of Monolayer MoS2 with S-Vacancy under Uniaxial Tensile Strain. <i>Nanomaterials</i> , 2018, 8, 74.	4.1	55
69	Numerical experiments on evaporation and explosive boiling of ultra-thin liquid argon film on aluminum nanostructure substrate. <i>Nanoscale Research Letters</i> , 2015, 10, 158.	5.7	49
70	NiO-bridged MnCo-hydroxides for flexible high-performance fiber-shaped energy storage device. <i>Applied Surface Science</i> , 2019, 475, 1058-1064.	6.1	48
71	Identification of a core member of the SWI/SNF complex, BAF155/SMARCC1, as a human tumor suppressor gene. <i>Epigenetics</i> , 2011, 6, 1444-1453.	2.7	47
72	ROS Regulate Cardiac Function via a Distinct Paracrine Mechanism. <i>Cell Reports</i> , 2014, 7, 35-44.	6.4	47

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73	Bloom syndrome complex promotes FANCM recruitment to stalled replication forks and facilitates both repair and traverse of DNA interstrand crosslinks. <i>Cell Discovery</i> , 2016, 2, 16047.	6.7	47
74	New Advances in the DNA Damage Response Network of Fanconi Anemia and BRCA proteins: FAAP95 Replaces BRCA2 as the True FANCB Protein. <i>Cell Cycle</i> , 2005, 4, 80-86.	2.6	45
75	Remodeling of Interstrand Crosslink Proximal Replisomes Is Dependent on ATR, FANCM, and FANCD2. <i>Cell Reports</i> , 2019, 27, 1794-1808.e5.	6.4	44
76	A Variant of the Breast Cancer Type 2 Susceptibility Protein (BRC) Repeat Is Essential for the RECQL5 Helicase to Interact with RAD51 Recombinase for Genome Stabilization. <i>Journal of Biological Chemistry</i> , 2012, 287, 23808-23818.	3.4	41
77	FANCM interacts with PCNA to promote replication traverse of DNA interstrand crosslinks. <i>Nucleic Acids Research</i> , 2016, 44, 3219-3232.	14.5	41
78	Five SWI/SNF-Related, Matrix-Associated, Actin-Dependent Regulator of Chromatin (SMARC) Genes Are Dispersed in the Human Genome. <i>Genomics</i> , 1998, 51, 140-143.	2.9	40
79	Hybrid piezoelectric-electromagnetic energy harvester for scavenging energy from low-frequency excitations. <i>Smart Materials and Structures</i> , 2018, 27, 085001.	3.5	40
80	FANCL replaces BRCA1 as the likely ubiquitin ligase responsible for FANCD2 monoubiquitination. <i>Cell Cycle</i> , 2004, 3, 179-81.	2.6	40
81	Crystal Structures of RMI1 and RMI2, Two OB-Fold Regulatory Subunits of the BLM Complex. <i>Structure</i> , 2010, 18, 1159-1170.	3.3	38
82	Interplay of BAF and MLL4 promotes cell type-specific enhancer activation. <i>Nature Communications</i> , 2021, 12, 1630.	12.8	38
83	Topoisomerase 3 β is the major topoisomerase for mRNAs and linked to neurodevelopment and mental dysfunction. <i>Nucleic Acids Research</i> , 2017, 45, gkw1293.	14.5	36
84	SMARCAL1 deficiency predisposes to non-Hodgkin lymphoma and hypersensitivity to genotoxic agents in vivo. <i>American Journal of Medical Genetics, Part A</i> , 2012, 158A, 2204-2213.	1.2	34
85	LncRNA <i>OIP5-AS1/cyano</i> suppresses GAK expression to control mitosis. <i>Oncotarget</i> , 2017, 8, 49409-49420.	1.8	34
86	Structure and Cellular Roles of the RMI Core Complex from the Bloom Syndrome Dissolvasome. <i>Structure</i> , 2010, 18, 1149-1158.	3.3	33
87	The Electronic Properties of O-Doped Pure and Sulfur Vacancy-Defect Monolayer WS ₂ : A First-Principles Study. <i>Materials</i> , 2018, 11, 218.	2.9	32
88	Stretchable and anti-impact iontronic pressure sensor with an ultrabroad linear range for biophysical monitoring and deep learning-aided knee rehabilitation. <i>Microsystems and Nanoengineering</i> , 2021, 7, 92.	7.0	30
89	Influence of interface wettability on normal and explosive boiling of ultra-thin liquid films on a heated substrate in nanoscale: a molecular dynamics study. <i>Micro and Nano Letters</i> , 2017, 12, 843-848.	1.3	29
90	Testing for association between MeCP2 and the brahma-associated SWI/SNF chromatin-remodeling complex. <i>Nature Genetics</i> , 2006, 38, 962-964.	21.4	28

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91	Cellular Carbon-Film-Based Flexible Sensor and Waterproof Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26288-26297.	8.0	28
92	Nanoindentation experiments for single-layer rectangular graphene films: a molecular dynamics study. <i>Nanoscale Research Letters</i> , 2014, 9, 41.	5.7	27
93	Topoisomerase 3 ^β interacts with RNAi machinery to promote heterochromatin formation and transcriptional silencing in <i>Drosophila</i> . <i>Nature Communications</i> , 2018, 9, 4946.	12.8	27
94	Type IA topoisomerases can be "magnicians" for both DNA and RNA in all domains of life. <i>RNA Biology</i> , 2017, 14, 854-864.	3.1	26
95	Selective Inhibition of <i>Escherichia coli</i> RNA and DNA Topoisomerase I by Hoechst 33258 Derived Mono- and Bisbenzimidazoles. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4904-4922.	6.4	25
96	Cardiomyocyte Regulation of Systemic Lipid Metabolism by the Apolipoprotein B-Containing Lipoproteins in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2017, 13, e1006555.	3.5	25
97	Identification and analysis of new proteins involved in the DNA damage response network of Fanconi anemia and Bloom syndrome. <i>Methods</i> , 2009, 48, 72-79.	3.8	24
98	The histone-fold complex MHF is remodeled by FANCM to recognize branched DNA and protect genome stability. <i>Cell Research</i> , 2014, 24, 560-575.	12.0	24
99	Plasticity resulted from phase transformation for monolayer molybdenum disulfide film during nanoindentation simulations. <i>Nanotechnology</i> , 2017, 28, 164005.	2.6	24
100	A major switch for the Fanconi anemia DNA damage response pathway. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 1128-1130.	8.2	22
101	Topoisomerase 3 ^β knockout mice show transcriptional and behavioural impairments associated with neurogenesis and synaptic plasticity. <i>Nature Communications</i> , 2020, 11, 3143.	12.8	22
102	Nuclear localization of the DOCK180/ELMO complex. <i>Archives of Biochemistry and Biophysics</i> , 2004, 429, 23-29.	3.0	21
103	Resolution of R-loops by topoisomerase III ^β (TOP3B) in coordination with the DEAD-box helicase DDX5. <i>Cell Reports</i> , 2022, 40, 111067.	6.4	19
104	Identification of Small Molecules That Protect Pancreatic β Cells against Endoplasmic Reticulum Stress-Induced Cell Death. <i>ACS Chemical Biology</i> , 2014, 9, 2796-2806.	3.4	17
105	Mechanical properties of single layer graphene nanoribbons through bending experimental simulations. <i>AIP Advances</i> , 2014, 4, .	1.3	17
106	The 3p21 candidate tumor suppressor gene BAF180 is normally expressed in human lung cancer. <i>Oncogene</i> , 2005, 24, 2735-2738.	5.9	16
107	Discovery, Synthesis, and Evaluation of 2,4-Diaminoquinazolines as a Novel Class of Pancreatic β -Cell-Protective Agents against Endoplasmic Reticulum (ER) Stress. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7783-7800.	6.4	15
108	A Novel Low-g MEMS Bistable Inertial Switch With Self-Locking and Reverse-Unlocking Functions. <i>Journal of Microelectromechanical Systems</i> , 2020, 29, 1493-1503.	2.5	15

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109	Biomimetic and Radially Symmetric Graphene Aerogel for Flexible Electronics. <i>Advanced Electronic Materials</i> , 2019, 5, 1900353.	5.1	14
110	Achieving high-speed rotations with a semi-flexible rotor driven by ultralow-frequency vibrations. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	14
111	Identification of 1,2,3-triazole derivatives that protect pancreatic β^2 cells against endoplasmic reticulum stress-mediated dysfunction and death through the inhibition of C/EBP-homologous protein expression. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2621-2630.	3.0	13
112	Phase Transition of Single-Layer Molybdenum Disulfide Nanosheets under Mechanical Loading Based on Molecular Dynamics Simulations. <i>Materials</i> , 2018, 11, 502.	2.9	13
113	In-situ lunar dust deposition amount induced by lander landing in Changâ€™E-3 mission. <i>Science China Technological Sciences</i> , 2020, 63, 520-527.	4.0	12
114	Purification and Functional Analysis of the Mammalian SWIâ€™SNF-Family of Chromatin-Remodeling Complexes. <i>Methods in Enzymology</i> , 2003, 377, 299-316.	1.0	11
115	Tumor suppressor RecQL5 controls recombination induced by DNA crosslinking agents. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1002-1012.	4.1	11
116	Roles of Topoisomerases in Heterochromatin, Aging, and Diseases. <i>Genes</i> , 2019, 10, 884.	2.4	11
117	Molecular Dynamics Study on Relaxation Characteristics of Graphene Nanoribbons at Room Temperature. <i>Nanoscience and Nanotechnology Letters</i> , 2012, 4, 1188-1193.	0.4	10
118	The adsorption properties of CO molecules on single-layer graphene nanoribbons. <i>AIP Advances</i> , 2014, 4, .	1.3	10
119	Understanding the tensile behaviors of ultra-thin ZnO nanowires via molecular dynamics simulations. <i>AIP Advances</i> , 2016, 6, .	1.3	10
120	Eda-activated RelB recruits an SWI/SNF (BAF) chromatin-remodeling complex and initiates gene transcription in skin appendage formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8173-8178.	7.1	10
121	Design, synthesis, and evaluation of potent novel peroxisome proliferator-activated receptor β^3 indole partial agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126664.	2.2	9
122	A dual-activity topoisomerase complex regulates mRNA translation and turnover. <i>Nucleic Acids Research</i> , 2022, 50, 7013-7033.	14.5	9
123	Identification of 5-nitrofuranyl-2-amide derivatives that induce apoptosis in triple negative breast cancer cells by activating C/EBP-homologous protein expression. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4514-4521.	3.0	8
124	Discovery of a Benzamide Derivative That Protects Pancreatic β^2 -Cells against Endoplasmic Reticulum Stress. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6191-6204.	6.4	8
125	Cardiac Snail family of transcription factors directs systemic lipid metabolism in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2019, 15, e1008487.	3.5	8
126	Atomic Study on Tension Behaviors of Sub-10 nm NanoPolycrystalline Cuâ€™Ta Alloy. <i>Materials</i> , 2019, 12, 3913.	2.9	8

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127	Monolayer MoS ₂ -Based Flexible and Highly Sensitive Pressure Sensor with Wide Sensing Range. <i>Micromachines</i> , 2022, 13, 660.	2.9	8
128	Research Progress of MEMS Inertial Switches. <i>Micromachines</i> , 2022, 13, 359.	2.9	7
129	Flexible Pressure Sensor With Wide Linear Sensing Range for Human-Machine Interaction. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 3901-3907.	3.0	7
130	A multiscale modeling approach to adhesive contact. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011, 54, 1680-1686.	5.1	6
131	Recent Developments in Testing Techniques for Elastic Mechanical Properties of 1-D Nanomaterials. <i>Recent Patents on Nanotechnology</i> , 2015, 9, 33-42.	1.3	6
132	Influences of ambient temperature, surface fluctuation and charge density on wettability properties of graphene film. <i>Nanotechnology</i> , 2016, 27, 075707.	2.6	6
133	Weight Optimization for LQG Controller Based on the Artificial Bee Colony Algorithm. <i>AASRI Procedia</i> , 2012, 3, 686-693.	0.6	5
134	Relaxation Properties of Single Layer Graphene on SiO ₂ Substrate. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 2970-2975.	0.9	5
135	Wearable, self-cleaning, wireless integrated tactile sensory system with superior sensitivity. <i>Sensors and Actuators A: Physical</i> , 2021, 331, 113027.	4.1	5
136	Atomic simulation of thermal fluctuation (ripples) in constrained single-layer MoS ₂ membranes. <i>Computational Materials Science</i> , 2017, 131, 286-292.	3.0	4
137	Molecular dynamics study on explosive boiling of ultra-thin liquid over solid substrate: considering interface wettability of Argon/MoS ₂ . <i>Molecular Simulation</i> , 2019, 45, 996-1003.	2.0	3
138	Deformation Mechanism of Depositing Amorphous Cu-Ta Alloy Film via Nanoindentation Test. <i>Nanomaterials</i> , 2022, 12, 1022.	4.1	3
139	Lunar Dust-Mitigation Behavior of Aluminum Surfaces with Multiscale Roughness Prepared by a Composite Etching Method. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 34020-34028.	8.0	3
140	An Assay for Detecting RNA Topoisomerase Activity. <i>Methods in Molecular Biology</i> , 2018, 1703, 161-172.	0.9	2
141	Discovery of N-(2-(Benzylamino)ethoxyethyl)benzamide analogs as a novel scaffold of pancreatic β -cell protective agents against endoplasmic reticulum stress. <i>Chemical Biology and Drug Design</i> , 2020, 95, 388-393.	3.2	2
142	Effects of Heat Source Temperature, Nanostructure, and Wettability on Explosive Boiling of Ultra-Thin Liquid Argon Film Over Graphene Substrate: A Molecular Dynamics Study. <i>Current Nanoscience</i> , 2021, 17, 98-108.	1.2	2
143	An Inverse Method for Measuring Elastoplastic Properties of Metallic Materials Using Bayesian Model and Residual Imprint from Spherical Indentation. <i>Materials</i> , 2021, 14, 7105.	2.9	2
144	Molecular Dynamics Simulation of Self-assembly and Electroporation of Lipid Bilayer Membrane in Martini Force Field. , 2019, , .		1

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145	Molecular Dynamics Study on Mechanical Properties of Nanocrystalline tantalum. , 2019, , .		0
146	A DNA-damage Response Network of Fanconi Anemia and BRCA Proteins. , 2007, , 177-202.		0
147	Identification and Partial Characterization of a Novel Partner Protein for Fanconi Anemia Protein FANCM. Blood, 2008, 112, 3104-3104.	1.4	0
148	The structure of the RMI core complex resembles the RPA interface. FASEB Journal, 2010, 24, 1b44.	0.5	0
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