Xiaohui Wang

List of Publications by Year
in descending order

137 papers	7,748 citations	71102 41 h-index	56724 83 g-index
144 all docs	144 docs citations	144 times ranked	10182 citing authors

#	Article	IF	Citations
1	Microwave assisted one-step green synthesis of cell-permeable multicolor photoluminescent carbon dots without surface passivation reagents. Journal of Materials Chemistry, 2011, 21, 2445.	6.7	608
2	Labelâ€Free Colorimetric Detection of Single Nucleotide Polymorphism by Using Singleâ€Walled Carbon Nanotube Intrinsic Peroxidaseâ€Like Activity. Chemistry - A European Journal, 2010, 16, 3617-3621.	3.3	484
3	Stimuli-Responsive Therapeutic Metallodrugs. Chemical Reviews, 2019, 119, 1138-1192.	47.7	437
4	Morphine activates neuroinflammation in a manner parallel to endotoxin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6325-6330.	7.1	401
5	Morphine paradoxically prolongs neuropathic pain in rats by amplifying spinal NLRP3 inflammasome activation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3441-50.	7.1	292
6	Opioid Activation of Toll-Like Receptor 4 Contributes to Drug Reinforcement. Journal of Neuroscience, 2012, 32, 11187-11200.	3.6	258
7	STING directly activates autophagy to tune the innate immune response. Cell Death and Differentiation, 2019, 26, 1735-1749.	11.2	247
8	Light-Scattering Study of Coil-to-Globule Transition of a Poly(N-isopropylacrylamide) Chain in Deuterated Water. Macromolecules, 1999, 32, 4299-4301.	4.8	221
9	Multicolor luminescent carbon nanoparticles: Synthesis, supramolecular assembly with porphyrin, intrinsic peroxidase-like catalytic activity and applications. Nano Research, 2011, 4, 908-920.	10.4	215
10	Mitochondrial E3 ligase <scp>MARCH</scp> 5 regulates <scp>FUNDC</scp> 1 to fineâ€tune hypoxic mitophagy. EMBO Reports, 2017, 18, 495-509.	4.5	197
11	Chiral metallo-supramolecular complexes selectively recognize human telomeric G-quadruplex DNA. Nucleic Acids Research, 2008, 36, 5695-5703.	14.5	181
12	DAT isnâ€™t all that: cocaine reward and reinforcement require Toll-like receptor 4 signaling. Molecular Psychiatry, 2015, 20, 1525-1537.	7.9	178
13	A small natural molecule promotes mitochondrial fusion through inhibition of the deubiquitinase USP30. Cell Research, 2014, 24, 482-496.	12.0	170
14	Deficiency of mitophagy receptor FUNDC1 impairs mitochondrial quality and aggravates dietary-induced obesity and metabolic syndrome. Autophagy, 2019, 15, 1882-1898.	9.1	131
15	Ultrasensitive and Selective Detection of a Prognostic Indicator in Earlyâ€Stage Cancer Using Graphene Oxide and Carbon Nanotubes. Advanced Functional Materials, 2010, 20, 3967-3971.	14.9	130
16	Pharmacological characterization of the opioid inactive isomers (+)â€naltrexone and (+)â€naloxone as antagonists of tollâ€like receptor 4. British Journal of Pharmacology, 2016, 173, 856-869.	5.4	128
17	FUN14 Domainâ€Containing 1â€“Mediated Mitophagy Suppresses Hepatocarcinogenesis by Inhibition of Inflammasome Activation in Mice. Hepatology, 2019, 69, 604-621.	7.3	127
18	Discovery of Smallâ€Molecule Inhibitors of the TLR1/TLR2 Complex. Angewandte Chemie - International Edition, 2012, 51, 12246-12249.	13.8	126

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19	Small-Molecule Modulators of Toll-like Receptors. Accounts of Chemical Research, 2020, 53, 1046-1055.	15.6	122
20	i-Motif Quadruplex DNA-Based Biosensor for Distinguishing Single- and Multiwalled Carbon Nanotubes. Journal of the American Chemical Society, 2009, 131, 13813-13818.	13.7	117
21	Small-Molecule Inhibitors of the TLR3/dsRNA Complex. Journal of the American Chemical Society, 2011, 133, 3764-3767.	13.7	117
22	Toll-like receptors as therapeutic targets for autoimmune connective tissue diseases. , 2013, 138, 441-451.		107
23	Targeting Toll-like receptors with small molecule agents. Chemical Society Reviews, 2013, 42, 4859.	38.1	98
24	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. Advanced Functional Materials, 2010, 20, 3966-3966.	14.9	94
25	Targeted RNA Interference of Cyclinâ€…A₂ Mediated by Functionalized Singleâ€Walled Carbon Nanotubes Induces Proliferation Arrest and Apoptosis in Chronic Myelogenous Leukemia K562 Cells. ChemMedChem, 2008, 3, 940-945.	3.2	93
26	Nearâ€Infrared Switchable Fullereneâ€Based Synergy Therapy for Alzheimer's Disease. Small, 2018, 14, e1801852.	10.0	93
27	DREADDed microglia in pain: Implications for spinal inflammatory signaling in male rats. Experimental Neurology, 2018, 304, 125-131.	4.1	79
28	A Bimetallic Metalâ€“Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Selfâ€Sufficient Gene Therapy. Angewandte Chemie - International Edition, 2021, 60, 12431-12437.	13.8	78
29	Structureâ€“Activity Relationships of (+)-Naltrexone-Inspired Toll-like Receptor 4 (TLR4) Antagonists. Journal of Medicinal Chemistry, 2015, 58, 5038-5052.	6.4	77
30	Shearâ€Induced Assembly of Liquid Colloidal Crystals for Largeâ€Scale Structural Coloration of Textiles. Advanced Functional Materials, 2021, 31, 2010746.	14.9	77
31	Targeting the Toll of Drug Abuse: The Translational Potential of Toll-Like Receptor 4. CNS and Neurological Disorders - Drug Targets, 2015, 14, 692-699.	1.4	75
32	Co-assembly of doxorubicin and curcumin targeted micelles for synergistic delivery and improving anti-tumor efficacy. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 112, 209-223.	4.3	70
33	Stereochemistry and amyloid inhibition: Asymmetric triplex metallohelices enantioselectively bind to Aβ2 peptide. Science Advances, 2018, 4, eaao6718.	10.3	66
34	Rifampin inhibits Tollâ€like receptor 4 signaling by targeting myeloid differentiation protein 2 and attenuates neuropathic pain. FASEB Journal, 2013, 27, 2713-2722.	0.5	63
35	Use of low-field-NMR and MRI to characterize water mobility and distribution in pacific oyster (Crassostrea gigas) during drying process. Drying Technology, 2018, 36, 630-636.	3.1	63
36	Methamphetamine Activates Toll-Like Receptor 4 to Induce Central Immune Signaling within the Ventral Tegmental Area and Contributes to Extracellular Dopamine Increase in the Nucleus Accumbens Shell. ACS Chemical Neuroscience, 2019, 10, 3622-3634.	3.5	60

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37	Mitophagy receptor FUNDC1 is regulated by PGCâ€1Î±/NRF1 to fine tune mitochondrial homeostasis. EMBO Reports, 2021, 22, e50629.	4.5	58
38	Activation of adult rat CNS endothelial cells by opioid-induced toll-like receptor 4 (TLR4) signaling induces proinflammatory, biochemical, morphological, and behavioral sequelae. Neuroscience, 2014, 280, 299-317.	2.3	56
39	Peptide-based inhibitors of proteinâ€“protein interactions: biophysical, structural and cellular consequences of introducing a constraint. Chemical Science, 2021, 12, 5977-5993.	7.4	56
40	Light-Scattering Characterization of Fullerene-Containing Poly(alkyl methacrylate)s in THF. Macromolecules, 1999, 32, 2786-2788.	4.8	55
41	Interpretable aesthetic features for affective image classification. , 2013, , .		49
42	3,5-Dimethylorsellinic Acid Derived Meroterpenoids from Penicillium chrysogenum MT-12, an Endophytic Fungus Isolated from Huperzia serrata. Journal of Natural Products, 2017, 80, 2699-2707.	3.0	48
43	Amyloid Î²-targeted metal complexes for potential applications in Alzheimer's disease. Future Medicinal Chemistry, 2018, 10, 679-701.	2.3	45
44	Knocking-Down Cyclin A2 by siRNA Suppresses Apoptosis and Switches Differentiation Pathways in K562 Cells upon Administration with Doxorubicin. PLoS ONE, 2009, 4, e6665.	2.5	41
45	A two-photon fluorescent probe for detecting endogenous hypochlorite in living cells. Dalton Transactions, 2015, 44, 6613-6619.	3.3	40
46	Salinity stress induces the production of 2-(2-phenylethyl)chromones and regulates novel classes of responsive genes involved in signal transduction in Aquilaria sinensis calli. BMC Plant Biology, 2016, 16, 119.	3.6	39
47	By recruiting HDAC1, MORC2 suppresses p21Waf1/Cip1 in gastric cancer. Oncotarget, 2015, 6, 16461-16470.	1.8	39
48	Label-free colorimetric and quantitative detection of cancer marker protein using noncrosslinking aggregation of Au/Ag nanoparticles induced by target-specific peptide probe. Biosensors and Bioelectronics, 2011, 26, 4804-4809.	10.1	38
49	Dissecting the Innate Immune Recognition of Opioid Inactive Isomer (+)-Naltrexone Derived Toll-like Receptor 4 (TLR4) Antagonists. Journal of Chemical Information and Modeling, 2018, 58, 816-825.	5.4	37
50	Lovastatin inhibits Toll-like receptor 4 signaling in microglia by targeting its co-receptor myeloid differentiation protein 2 and attenuates neuropathic pain. Brain, Behavior, and Immunity, 2019, 82, 432-444.	4.1	37
51	A lysine-rich motif in the phosphatidylserine receptor PSR-1 mediates recognition and removal of apoptotic cells. Nature Communications, 2015, 6, 5717.	12.8	33
52	A critical review of existing mechanisms and strategies to enhance N2 selectivity in groundwater nitrate reduction. Water Research, 2022, 209, 117889.	11.3	31
53	Enhanced photothermal-photodynamic therapy for glioma based on near-infrared dye functionalized Fe3O4 superparticles. Chemical Engineering Journal, 2020, 381, 122693.	12.7	30
54	TLR4 biased small molecule modulators. , 2021, 228, 107918.		29

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55	Specific self-monitoring of metal-associated amyloid-Î² peptide disaggregation by a fluorescent chelator. Chemical Communications, 2016, 52, 2245-2248.	4.1	28
56	Small molecule-mediated co-assembly of amyloid-Î² oligomers reduces neurotoxicity through promoting non-fibrillar aggregation. Chemical Science, 2020, 11, 7158-7169.	7.4	27
57	Selection, synthesis, and anti-inflammatory evaluation of the arylidene malonate derivatives as TLR4 signaling inhibitors. Bioorganic and Medicinal Chemistry, 2012, 20, 6073-6079.	3.0	26
58	Effect of a biomass based waterborne fire retardant coating on the flame retardancy for wood. Polymers for Advanced Technologies, 2021, 32, 4805-4814.	3.2	26
59	Identification and functional characterization of three type III polyketide synthases from Aquilaria sinensis calli. Biochemical and Biophysical Research Communications, 2017, 486, 1040-1047.	2.1	25
60	Preparation of graphene by exfoliating graphite in aqueous fulvic acid solution and its application in corrosion protection of aluminum. Journal of Colloid and Interface Science, 2019, 543, 263-272.	9.4	25
61	A rapid and sensitive â€œadd-mix-measureâ€•assay for multiple proteinases based on one gold nanoparticleâ€“peptideâ€“fluorophore conjugate. Biosensors and Bioelectronics, 2010, 26, 743-747.	10.1	24
62	High Structural Stability of Photonic Crystals on Textile Substrates, Prepared via a Surface-Supported Curing Strategy. ACS Applied Materials & Interfaces, 2021, 13, 19221-19229.	8.0	24
63	Facile Fabrication of Amorphous Photonic Structures with Non-Iridescent and Highly-Stable Structural Color on Textile Substrates. Materials, 2018, 11, 2500.	2.9	21
64	Cannabidiol protects against Alzheimer's disease in C. elegans via ROS scavenging activity of its phenolic hydroxyl groups. European Journal of Pharmacology, 2022, 919, 174829.	3.5	21
65	A copperâ€“amyloid-Î² targeted fluorescent chelator as a potential theranostic agent for Alzheimer's disease. Inorganic Chemistry Frontiers, 2016, 3, 1572-1581.	6.0	20
66	A simple approach to quantitative determination of soluble amyloid-Î² peptides using a ratiometric fluorescence probe. Biosensors and Bioelectronics, 2019, 142, 111518.	10.1	19
67	Comparison of hyaluronic acid-based micelles and polyethylene glycol-based micelles on reversal of multidrug resistance and enhanced anticancer efficacy in vitro and in vivo. Drug Delivery, 2018, 25, 330-340.	5.7	18
68	Patterned SiO₂/Polyurethane Acrylate Inverse Opal Photonic Crystals with High Color Saturation and Tough Mechanical Strength. Langmuir, 2019, 35, 14282-14290.	3.5	18
69	Polystyrene@poly(methyl methacrylate-butyl acrylate) Coreâ€“Shell Nanoparticles for Fabricating Multifunctional Photonic Crystal Films as Mechanochromic and Solvatochromic Sensors. ACS Applied Nano Materials, 2022, 5, 729-736.	5.0	18
70	Caspases come together over LPS. Trends in Immunology, 2015, 36, 59-61.	6.8	17
71	Velvet antler methanol extracts (MEs) protects against oxidative stress in Caenorhabditis elegans by SKN-1. Biomedicine and Pharmacotherapy, 2020, 121, 109668.	5.6	17
72	In vivo veritas: (+)-Naltrexone's actions define translational importance. Trends in Pharmacological Sciences, 2014, 35, 432-433.	8.7	16

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73	Apically targeted oral micelles exhibit highly efficient intestinal uptake and oral absorption. International Journal of Nanomedicine, 2018, Volume 13, 7997-8012.	6.7	16
74	Stereochemistry and innate immune recognition: (+)â€norbinaltorphimine targets myeloid differentiation protein 2 and inhibits tollâ€like receptor 4 signaling. FASEB Journal, 2019, 33, 9577-9587.	0.5	16
75	Experimental autoimmune encephalopathy (EAE)-induced hippocampal neuroinflammation and memory deficits are prevented with the non-opioid TLR2/TLR4 antagonist (+)-naltrexone. Behavioural Brain Research, 2021, 396, 112896.	2.2	16
76	Artemisinin inhibits TLR4 signaling by targeting coâ€receptor MD2 in microglial BVâ€2 cells and prevents lipopolysaccharideâ€induced bloodâ€“brain barrier leakage in mice. Journal of Neurochemistry, 2021, 157, 611-623.	3.9	16
77	Expanded investigations of the aglycon promiscuity and catalysis characteristic of flavonol 3-O-rhamnosyltransferase AtUGT78D1 from Arabidopsis thaliana. RSC Advances, 2016, 6, 84616-84626.	3.6	15
78	Targeting the lateral interactions of transmembrane domain 5 of Epsteinâ€“Barr virus latent membrane protein 1. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2282-2289.	2.6	14
79	H2O2 and NADPH oxidases involve in regulation of 2-(2-phenylethyl)chromones accumulation during salt stress in Aquilaria sinensis calli. Plant Science, 2018, 269, 1-11.	3.6	14
80	A Bimetallic Metalâ€“Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Selfâ€Sufficient Gene Therapy. Angewandte Chemie, 2021, 133, 12539-12545.	2.0	14
81	Coupling microscale zero-valent iron and autotrophic hydrogen-bacteria provides a sustainable remediation solution for trichloroethylene-contaminated groundwater: Mechanisms, regulation, and engineering implications. Water Research, 2022, 216, 118286.	11.3	14
82	Evaluation of different culture conditions for high-level soluble expression of human cyclin A2 with pET vector in BL21 (DE3) and spectroscopic characterization of its inclusion body structure. Protein Expression and Purification, 2007, 56, 27-34.	1.3	13
83	Defective mitochondrial ISCs biogenesis switches on IRP1 to fine tune selective mitophagy. Redox Biology, 2020, 36, 101661.	9.0	13
84	Advances in fluorescent probes for detection and imaging of amyloid-Î² peptides in Alzheimer's disease. Advances in Clinical Chemistry, 2021, 103, 135-190.	3.7	13
85	Biophysical Studies on the Full-Length Human Cyclin A2: Protein Stability and Folding/Unfolding Thermodynamics. Journal of Physical Chemistry B, 2008, 112, 8346-8353.	2.6	12
86	Cell culture establishment and regulation of two phenylethanoid glycosides accumulation in cell suspension culture of desert plant Cistanche tubulosa. Plant Cell, Tissue and Organ Culture, 2018, 134, 107-118.	2.3	12
87	Production of 2-(2-phenylethyl)chromones in Aquilaria sinensis calli under different treatments. Plant Cell, Tissue and Organ Culture, 2018, 135, 53-62.	2.3	12
88	Nicotine prevents in vivo Aî² toxicity in Caenorhabditis elegans via SKN-1. Neuroscience Letters, 2021, 761, 136114.	2.1	12
89	Effects of a composite flame retardant system on the flame retardancy and mechanical performance of epoxy resin adhesive. Journal of Vinyl and Additive Technology, 2022, 28, 775-787.	3.4	12
90	Small Interfering RNA for Effective Cancer Therapies. Mini-Reviews in Medicinal Chemistry, 2011, 11, 114-124.	2.4	11

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91	Identification of a new curcumin synthase from ginger and construction of a curcuminoid-producing unnatural fusion protein diketide-CoA synthase::curcumin synthase. RSC Advances, 2016, 6, 12519-12524.	3.6	11
92	Effects of co-existing nitrate on TCE removal by mZVI under different pollution load scenarios: Kinetics, electron efficiency and mechanisms. Science of the Total Environment, 2020, 716, 137111.	8.0	11
93	Targeting trimeric transmembrane domain 5 of oncogenic latent membrane protein 1 using a computationally designed peptide. Chemical Science, 2019, 10, 7584-7590.	7.4	10
94	Exploring Methamphetamine Nonenantioselectively Targeting Toll-like Receptor 4/Myeloid Differentiation Protein 2 by in Silico Simulations and Wet-Lab Techniques. Journal of Chemical Information and Modeling, 2020, 60, 1607-1613.	5.4	10
95	Nicotine and its metabolite cotinine target MD2 and inhibit TLR4 signaling. Innovation(China), 2021, 2, 100111.	9.1	10
96	Engineered Exosomes-Based Photothermal Therapy with MRI/CT Imaging Guidance Enhances Anticancer Efficacy through Deep Tumor Nucleus Penetration. Pharmaceutics, 2021, 13, 1593.	4.5	10
97	Validated LCâ€“MS/MS method for simultaneous determination of doxorubicin and curcumin in polymeric micelles in subcellular compartments of MCFâ€7/Adr cells by protein precipitationâ€“ultrasonic breaking method. Biomedical Chromatography, 2017, 31, e3892.	1.7	9
98	Lycopodium alkaloids from Huperzia serrata. FÃ¬toterapÃ¬Ã¢, 2019, 137, 104277.	2.2	9
99	Pyrrole 2-carbaldehyde derived alkaloids from the roots of Angelica dahurica. Journal of Natural Medicines, 2019, 73, 769-776.	2.3	9
100	Guanine-guided time-resolved luminescence recognition of DNA modification and i-motif formation by a terbium(III)-platinum(II) complex. Biosensors and Bioelectronics, 2020, 150, 111841.	10.1	9
101	Exploring the Toxicology of Depleted Uranium with Caenorhabditis elegans. ACS Omega, 2020, 5, 12119-12125.	3.5	9
102	Repositioning Antimicrobial Agent Pentamidine as a Disruptor of the Lateral Interactions of Transmembrane Domain 5 of EBV Latent Membrane Protein 1. PLoS ONE, 2012, 7, e47703.	2.5	9
103	Overexpression of PnMYB2 from Panax notoginseng induces cellulose and lignin biosynthesis during cell wall formation. Planta, 2022, 255, 107.	3.2	9
104	Five 2-(2-Phenylethyl)chromones from Sodium Chloride-Elicited Aquilaria sinensis Cell Suspension Cultures. Molecules, 2016, 21, 555.	3.8	8
105	Identification and functional application of a new malonyltransferase NbMaT1 towards diverse aromatic glycosides from Nicotiana benthamiana. RSC Advances, 2017, 7, 21028-21035.	3.6	8
106	Oligomerization analysis as a tool to elucidate the mechanism of EBV latent membrane protein 1 inhibition by pentamidine. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183380.	2.6	8
107	C. elegans as an in vivo model system for the phenotypic drug discovery for treating paraquat poisoning. PeerJ, 2022, 10, e12866.	2.0	8
108	Cannabidiol-dihydroartemisinin conjugates for ameliorating neuroinflammation with reduced cytotoxicity. Bioorganic and Medicinal Chemistry, 2021, 39, 116131.	3.0	7

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109	Modulation of Toll-like receptor 1 intracellular domain structure and activity by Zn2+ ions. Communications Biology, 2021, 4, 1003.	4.4	7
110	Vanillic Acid as a Promising Xanthine Oxidase Inhibitor: Extraction from Amomum villosum Lour and Biocompatibility Improvement via Extract Nanoemulsion. Foods, 2022, 11, 968.	4.3	7
111	Velvet Antler Methanol Extracts Ameliorate Parkinsonâ€™s Disease by Inhibiting Oxidative Stress and Neuroinflammation: From C. elegans to Mice. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	4.0	6
112	Biophysical characterization of the interaction of p21 with calmodulin: A mechanistic study. Biophysical Chemistry, 2008, 138, 138-143.	2.8	5
113	Lignan Glycosides from Urena lobata. Molecules, 2019, 24, 2850.	3.8	5
114	Switch Off â€œParallel Circuitâ€: Insight of New Strategy of Simultaneously Suppressing Canonical and Noncanonical Inflammation Activation in Endotoxemic Mice. Advanced Biology, 2020, 4, 2000037.	3.0	5
115	Lessons Learned from the Explosion that Occurred during the Synthesis of Diaminomethanesulfonic Acid: Discussion and Preventative Strategies. Journal of Chemical Health and Safety, 2021, 28, 244-249.	2.1	5
116	Ninety Years of Pentamidine: The Development and Applications of Pentamidine and its Analogs. Current Medicinal Chemistry, 2022, 29, 4602-4609.	2.4	4
117	Itaconate prolongs the healthy lifespan by activating UPRmt in Caenorhabditis elegans. European Journal of Pharmacology, 2022, 923, 174951.	3.5	4
118	ACT001 Inhibits TLR4 Signaling by Targeting Co-Receptor MD2 and Attenuates Neuropathic Pain. Frontiers in Immunology, 0, 13, .	4.8	4
119	Kineret protein solution survives ten years. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 383-385.	2.8	3
120	Biomineralized Gd/Dy composite nanoparticles for enhanced tumor photoablation with precise T/T-MR/CT/thermal imaging guidance. Chemical Engineering Journal, 2020, 391, 123562.	12.7	3
121	Structural Coloration: Shearâ€Induced Assembly of Liquid Colloidal Crystals for Largeâ€Scale Structural Coloration of Textiles (Adv. Funct. Mater. 19/2021). Advanced Functional Materials, 2021, 31, 2170133.	14.9	3
122	Molecular cloning and biochemical characterization of a new coumarin glycosyltransferase CtUGT1 from Cistanche tubulosa. FÃ¬toterapÃ¬Ã¢, 2021, 153, 104995.	2.2	3
123	Synthesis of small molecules targeting paclitaxel-induced MyD88 expression in triple-negative breast cancer cell lines. Bioorganic and Medicinal Chemistry, 2021, 49, 116442.	3.0	3
124	Targeting the transmembrane domain 5 of latent membrane protein 1 using small molecule modulators. European Journal of Medicinal Chemistry, 2021, 214, 113210.	5.5	2
125	Dissecting the Role of N-Glycan at N413 in Toll-like Receptor 3 via Molecular Dynamics Simulations. Journal of Chemical Information and Modeling, 2022, 62, 5258-5266.	5.4	2
126	Exploring the Thermodynamics of 7-Amino Actinomycin D-Induced Single-Stranded DNA Hairpin by Spectroscopic Techniques and Computational Simulations. Journal of Physical Chemistry B, 2020, 124, 10007-10013.	2.6	2

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127	Pentamidine Alleviates Inflammation and Lipopolysaccharide-Induced Sepsis by Inhibiting TLR4 Activation via Targeting MD2. Frontiers in Pharmacology, 2022, 13, 835081.	3.5	2
128	Characterization of a coumarin C-/O-prenyltransferase and a quinolone C-prenyltransferase from Murraya exotica. Organic and Biomolecular Chemistry, 2022, 20, 5535-5542.	2.8	2
129	Physical and spectral characterization of the human cyclin A gene and its interactions with anthracycline anticancer drugs. Chemical Physics Letters, 2007, 436, 252-257.	2.6	1
130	Dissecting Role of Charged Residue from Transmembrane Domain 5 of Latent Membrane Protein 1 via In Silico Simulations and Wet-Lab Experiments. Journal of Physical Chemistry B, 2021, 125, 2124-2133.	2.6	1
131	AsTal1 from Aquilaria sinensis regulates ABA signaling-mediated seed germination and root growth in Nicotiana benthamiana. Plant Cell, Tissue and Organ Culture, 2021, 147, 97-106.	2.3	1
132	Structure-activity relationship study of dihydroartemisinin C-10 hemiacetal derivatives as Toll-like receptor 4 antagonists. Bioorganic Chemistry, 2021, 114, 105107.	4.1	1
133	Nalmefene non-enantioselectively targets myeloid differentiation protein 2 and inhibits toll-like receptor 4 signaling: wet-lab techniques andin silicosimulations. Physical Chemistry Chemical Physics, 2021, 23, 12260-12269.	2.8	1
134	Lamellar crystal-dominated surfaces of polymer films achieved via melt stretching-induced free surface crystallization. Soft Matter, 2021, 17, 10829-10838.	2.7	1
135	Toll-Like Receptor 4 in Pain: Bridging Molecules-to-Cells-to-Systems. Handbook of Experimental Pharmacology, 2022, , 1.	1.8	1
136	A multi-input/multi-output molecular system based on lanthanide(<scp>iii</scp>) complexes. Inorganic Chemistry Frontiers, 2022, 9, 2668-2675.	6.0	1
137	Exploring the trimerization process of a transmembrane helix with an ionizable residue by molecular dynamics simulations: a case study of transmembrane domain 5 of LMP-1. Physical Chemistry Chemical Physics, 2022, 24, 7084-7092.	2.8	0