

Xiaohui Wang

List of Publications by Year in descending order

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137
papers

7,748
citations

81434

41
h-index

64407

83
g-index

144
all docs

144
docs citations

144
times ranked

11281
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting the Role of N-Glycan at N413 in Toll-like Receptor 3 via Molecular Dynamics Simulations. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 5258-5266.	2.5	2
2	A critical review of existing mechanisms and strategies to enhance N2 selectivity in groundwater nitrate reduction. <i>Water Research</i> , 2022, 209, 117889.	5.3	31
3	Polystyrene@poly(methyl methacrylate-butyl acrylate) Core-Shell Nanoparticles for Fabricating Multifunctional Photonic Crystal Films as Mechanochromic and Solvatochromic Sensors. <i>ACS Applied Nano Materials</i> , 2022, 5, 729-736.	2.4	18
4	<i>C. elegans</i> as an <i>in vivo</i> model system for the phenotypic drug discovery for treating paraquat poisoning. <i>PeerJ</i> , 2022, 10, e12866.	0.9	8
5	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. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 7084-7092.	1.3	0
6	Pentamidine Alleviates Inflammation and Lipopolysaccharide-Induced Sepsis by Inhibiting TLR4 Activation via Targeting MD2. <i>Frontiers in Pharmacology</i> , 2022, 13, 835081.	1.6	2
7	Cannabidiol protects against Alzheimer's disease in <i>C. elegans</i> via ROS scavenging activity of its phenolic hydroxyl groups. <i>European Journal of Pharmacology</i> , 2022, 919, 174829.	1.7	21
8	Ninety Years of Pentamidine: The Development and Applications of Pentamidine and its Analogs. <i>Current Medicinal Chemistry</i> , 2022, 29, 4602-4609.	1.2	4
9	Vanillic Acid as a Promising Xanthine Oxidase Inhibitor: Extraction from <i>Amomum villosum</i> Lour and Biocompatibility Improvement via Extract Nanoemulsion. <i>Foods</i> , 2022, 11, 968.	1.9	7
10	Itaconate prolongs the healthy lifespan by activating UPRmt in <i>Caenorhabditis elegans</i> . <i>European Journal of Pharmacology</i> , 2022, 923, 174951.	1.7	4
11	Coupling microscale zero-valent iron and autotrophic hydrogen-bacteria provides a sustainable remediation solution for trichloroethylene-contaminated groundwater: Mechanisms, regulation, and engineering implications. <i>Water Research</i> , 2022, 216, 118286.	5.3	14
12	Toll-Like Receptor 4 in Pain: Bridging Molecules-to-Cells-to-Systems. <i>Handbook of Experimental Pharmacology</i> , 2022, , 1.	0.9	1
13	A multi-input/multi-output molecular system based on lanthanide(III) complexes. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2668-2675.	3.0	1
14	Overexpression of PnMYB2 from <i>Panax notoginseng</i> induces cellulose and lignin biosynthesis during cell wall formation. <i>Planta</i> , 2022, 255, 107.	1.6	9
15	Effects of a composite flame retardant system on the flame retardancy and mechanical performance of epoxy resin adhesive. <i>Journal of Vinyl and Additive Technology</i> , 2022, 28, 775-787.	1.8	12
16	Characterization of a coumarin C-O-prenyltransferase and a quinolone C-prenyltransferase from <i>Murraya exotica</i> . <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5535-5542.	1.5	2
17	Peptide-based inhibitors of protein-protein interactions: biophysical, structural and cellular consequences of introducing a constraint. <i>Chemical Science</i> , 2021, 12, 5977-5993.	3.7	56
18	Experimental autoimmune encephalopathy (EAE)-induced hippocampal neuroinflammation and memory deficits are prevented with the non-opioid TLR2/TLR4 antagonist (+)-naltrexone. <i>Behavioural Brain Research</i> , 2021, 396, 112896.	1.2	16

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19	Velvet Antler Methanol Extracts Ameliorate Parkinson's Disease by Inhibiting Oxidative Stress and Neuroinflammation: From <i>C. elegans</i> to Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	6
20	Advances in fluorescent probes for detection and imaging of amyloid- β peptides in Alzheimer's disease. <i>Advances in Clinical Chemistry</i> , 2021, 103, 135-190.	1.8	13
21	Dissecting Role of Charged Residue from Transmembrane Domain 5 of Latent Membrane Protein 1 via In Silico Simulations and Wet-Lab Experiments. <i>Journal of Physical Chemistry B</i> , 2021, 125, 2124-2133.	1.2	1
22	Artemisinin inhibits TLR4 signaling by targeting co-receptor MD2 in microglial BV-2 cells and prevents lipopolysaccharide-induced blood-brain barrier leakage in mice. <i>Journal of Neurochemistry</i> , 2021, 157, 611-623.	2.1	16
23	Mitophagy receptor FUNDC1 is regulated by PGC-1 β /NRF1 to fine tune mitochondrial homeostasis. <i>EMBO Reports</i> , 2021, 22, e50629.	2.0	58
24	Shear-Induced Assembly of Liquid Colloidal Crystals for Large-Scale Structural Coloration of Textiles. <i>Advanced Functional Materials</i> , 2021, 31, 2010746.	7.8	77
25	Targeting the transmembrane domain 5 of latent membrane protein 1 using small molecule modulators. <i>European Journal of Medicinal Chemistry</i> , 2021, 214, 113210.	2.6	2
26	A Bimetallic Metal-Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Self-Sufficient Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12431-12437.	7.2	78
27	High Structural Stability of Photonic Crystals on Textile Substrates, Prepared via a Surface-Supported Curing Strategy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19221-19229.	4.0	24
28	A Bimetallic Metal-Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Self-Sufficient Gene Therapy. <i>Angewandte Chemie</i> , 2021, 133, 12539-12545.	1.6	14
29	Nicotine and its metabolite cotinine target MD2 and inhibit TLR4 signaling. <i>Innovation(China)</i> , 2021, 2, 100111.	5.2	10
30	Lessons Learned from the Explosion that Occurred during the Synthesis of Diaminomethanesulfonic Acid: Discussion and Preventative Strategies. <i>Journal of Chemical Health and Safety</i> , 2021, 28, 244-249.	1.1	5
31	Structural Coloration: Shear-Induced Assembly of Liquid Colloidal Crystals for Large-Scale Structural Coloration of Textiles (<i>Adv. Funct. Mater.</i> 19/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170133.	7.8	3
32	Cannabidiol-dihydroartemisinin conjugates for ameliorating neuroinflammation with reduced cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 39, 116131.	1.4	7
33	AsTat1 from <i>Aquilaria sinensis</i> regulates ABA signaling-mediated seed germination and root growth in <i>Nicotiana benthamiana</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 97-106.	1.2	1
34	Modulation of Toll-like receptor 1 intracellular domain structure and activity by Zn ²⁺ ions. <i>Communications Biology</i> , 2021, 4, 1003.	2.0	7
35	Effect of a biomass based waterborne fire retardant coating on the flame retardancy for wood. <i>Polymers for Advanced Technologies</i> , 2021, 32, 4805-4814.	1.6	26
36	Structure-activity relationship study of dihydroartemisinin C-10 hemiacetal derivatives as Toll-like receptor 4 antagonists. <i>Bioorganic Chemistry</i> , 2021, 114, 105107.	2.0	1

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37	Molecular cloning and biochemical characterization of a new coumarin glycosyltransferase CtUGT1 from <i>Cistanche tubulosa</i> . <i>FÄ-toterapÄ-Äc</i> , 2021, 153, 104995.	1.1	3
38	Nicotine prevents in vivo AÎ² toxicity in <i>Caenorhabditis elegans</i> via SKN-1. <i>Neuroscience Letters</i> , 2021, 761, 136114.	1.0	12
39	Synthesis of small molecules targeting paclitaxel-induced MyD88 expression in triple-negative breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 49, 116442.	1.4	3
40	TLR4 biased small molecule modulators. , 2021, 228, 107918.		29
41	Nalmefene non-enantioselectively targets myeloid differentiation protein 2 and inhibits toll-like receptor 4 signaling: wet-lab techniques and <i>in silico</i> simulations. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12260-12269.	1.3	1
42	Engineered Exosomes-Based Photothermal Therapy with MRI/CT Imaging Guidance Enhances Anticancer Efficacy through Deep Tumor Nucleus Penetration. <i>Pharmaceutics</i> , 2021, 13, 1593.	2.0	10
43	Lamellar crystal-dominated surfaces of polymer films achieved <i>in situ</i> melt stretching-induced free surface crystallization. <i>Soft Matter</i> , 2021, 17, 10829-10838.	1.2	1
44	Enhanced photothermal-photodynamic therapy for glioma based on near-infrared dye functionalized Fe3O4 superparticles. <i>Chemical Engineering Journal</i> , 2020, 381, 122693.	6.6	30
45	Guanine-guided time-resolved luminescence recognition of DNA modification and i-motif formation by a terbium(III)-platinum(II) complex. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111841.	5.3	9
46	Biomaterialized Gd/Dy composite nanoparticles for enhanced tumor photoablation with precise T/T-MR/CT/thermal imaging guidance. <i>Chemical Engineering Journal</i> , 2020, 391, 123562.	6.6	3
47	Velvet antler methanol extracts (MEs) protects against oxidative stress in <i>Caenorhabditis elegans</i> by SKN-1. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109668.	2.5	17
48	Defective mitochondrial ISCs biogenesis switches on IRP1 to fine tune selective mitophagy. <i>Redox Biology</i> , 2020, 36, 101661.	3.9	13
49	Switch Off "Parallel Circuit": Insight of New Strategy of Simultaneously Suppressing Canonical and Noncanonical Inflammation Activation in Endotoxemic Mice. <i>Advanced Biology</i> , 2020, 4, 2000037.	3.0	5
50	Oligomerization analysis as a tool to elucidate the mechanism of EBV latent membrane protein 1 inhibition by pentamidine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183380.	1.4	8
51	Exploring the Toxicology of Depleted Uranium with <i>Caenorhabditis elegans</i> . <i>ACS Omega</i> , 2020, 5, 12119-12125.	1.6	9
52	Small-Molecule Modulators of Toll-like Receptors. <i>Accounts of Chemical Research</i> , 2020, 53, 1046-1055.	7.6	122
53	Small molecule-mediated co-assembly of amyloid-Î² oligomers reduces neurotoxicity through promoting non-fibrillar aggregation. <i>Chemical Science</i> , 2020, 11, 7158-7169.	3.7	27
54	Effects of co-existing nitrate on TCE removal by mZVI under different pollution load scenarios: Kinetics, electron efficiency and mechanisms. <i>Science of the Total Environment</i> , 2020, 716, 137111.	3.9	11

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55	Exploring Methamphetamine Nonenantioselectively Targeting Toll-like Receptor 4/Myeloid Differentiation Protein 2 by in Silico Simulations and Wet-Lab Techniques. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 1607-1613.	2.5	10
56	Exploring the Thermodynamics of 7-Amino Actinomycin D-Induced Single-Stranded DNA Hairpin by Spectroscopic Techniques and Computational Simulations. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10007-10013.	1.2	2
57	FUN14 Domain-Containing 1- α -Mediated Mitophagy Suppresses Hepatocarcinogenesis by Inhibition of Inflammasome Activation in Mice. <i>Hepatology</i> , 2019, 69, 604-621.	3.6	127
58	Lycopodium alkaloids from <i>Huperzia serrata</i> . <i>F\ddot{A}-totera p\ddot{A}-\ddot{A}ç</i> , 2019, 137, 104277.	1.1	9
59	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. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3622-3634.	1.7	60
60	A simple approach to quantitative determination of soluble amyloid- β peptides using a ratiometric fluorescence probe. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111518.	5.3	19
61	Stereochemistry and innate immune recognition: (+)- α -norbinaltorphimine targets myeloid differentiation protein 2 and inhibits toll-like receptor 4 signaling. <i>FASEB Journal</i> , 2019, 33, 9577-9587.	0.2	16
62	Targeting trimeric transmembrane domain 5 of oncogenic latent membrane protein 1 using a computationally designed peptide. <i>Chemical Science</i> , 2019, 10, 7584-7590.	3.7	10
63	Patterned SiO ₂ /Polyurethane Acrylate Inverse Opal Photonic Crystals with High Color Saturation and Tough Mechanical Strength. <i>Langmuir</i> , 2019, 35, 14282-14290.	1.6	18
64	Lignan Glycosides from <i>Urena lobata</i> . <i>Molecules</i> , 2019, 24, 2850.	1.7	5
65	Lovastatin inhibits Toll-like receptor 4 signaling in microglia by targeting its co-receptor myeloid differentiation protein 2 and attenuates neuropathic pain. <i>Brain, Behavior, and Immunity</i> , 2019, 82, 432-444.	2.0	37
66	Pyrrrole 2-carbaldehyde derived alkaloids from the roots of <i>Angelica dahurica</i> . <i>Journal of Natural Medicines</i> , 2019, 73, 769-776.	1.1	9
67	Deficiency of mitophagy receptor FUNDC1 impairs mitochondrial quality and aggravates dietary-induced obesity and metabolic syndrome. <i>Autophagy</i> , 2019, 15, 1882-1898.	4.3	131
68	Preparation of graphene by exfoliating graphite in aqueous fulvic acid solution and its application in corrosion protection of aluminum. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 263-272.	5.0	25
69	STING directly activates autophagy to tune the innate immune response. <i>Cell Death and Differentiation</i> , 2019, 26, 1735-1749.	5.0	247
70	Stimuli-Responsive Therapeutic Metallo drugs. <i>Chemical Reviews</i> , 2019, 119, 1138-1192.	23.0	437
71	Dissecting the Innate Immune Recognition of Opioid Inactive Isomer (+)-Naltrexone Derived Toll-like Receptor 4 (TLR4) Antagonists. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 816-825.	2.5	37
72	Amyloid β -targeted metal complexes for potential applications in Alzheimer's disease. <i>Future Medicinal Chemistry</i> , 2018, 10, 679-701.	1.1	45

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73	H ₂ O ₂ and NADPH oxidases involve in regulation of 2-(2-phenylethyl)chromones accumulation during salt stress in <i>Aquilaria sinensis</i> calli. <i>Plant Science</i> , 2018, 269, 1-11.	1.7	14
74	Comparison of hyaluronic acid-based micelles and polyethylene glycol-based micelles on reversal of multidrug resistance and enhanced anticancer efficacy <i>in vitro</i> and <i>in vivo</i> . <i>Drug Delivery</i> , 2018, 25, 330-340.	2.5	18
75	Stereochemistry and amyloid inhibition: Asymmetric triplex metallohelices enantioselectively bind to A β peptide. <i>Science Advances</i> , 2018, 4, eaao6718.	4.7	66
76	DREADDED microglia in pain: Implications for spinal inflammatory signaling in male rats. <i>Experimental Neurology</i> , 2018, 304, 125-131.	2.0	79
77	Cell culture establishment and regulation of two phenylethanoid glycosides accumulation in cell suspension culture of desert plant <i>Cistanche tubulosa</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 107-118.	1.2	12
78	Use of low-field-NMR and MRI to characterize water mobility and distribution in pacific oyster (<i>Crassostrea gigas</i>) during drying process. <i>Drying Technology</i> , 2018, 36, 630-636.	1.7	63
79	Apically targeted oral micelles exhibit highly efficient intestinal uptake and oral absorption. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7997-8012.	3.3	16
80	Facile Fabrication of Amorphous Photonic Structures with Non-Iridescent and Highly-Stable Structural Color on Textile Substrates. <i>Materials</i> , 2018, 11, 2500.	1.3	21
81	Production of 2-(2-phenylethyl)chromones in <i>Aquilaria sinensis</i> calli under different treatments. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 135, 53-62.	1.2	12
82	Near-Infrared Switchable Fullerene-Based Synergy Therapy for Alzheimer's Disease. <i>Small</i> , 2018, 14, e1801852.	5.2	93
83	Kineret protein solution survives ten years. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 383-385.	1.4	3
84	Mitochondrial E3 ligase MARCH 5 regulates FUNDC 1 to fine-tune hypoxic mitophagy. <i>EMBO Reports</i> , 2017, 18, 495-509.	2.0	197
85	Identification and functional application of a new malonyltransferase NbMaT1 towards diverse aromatic glycosides from <i>Nicotiana benthamiana</i> . <i>RSC Advances</i> , 2017, 7, 21028-21035.	1.7	8
86	Identification and functional characterization of three type III polyketide synthases from <i>Aquilaria sinensis</i> calli. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 1040-1047.	1.0	25
87	Co-assembly of doxorubicin and curcumin targeted micelles for synergistic delivery and improving anti-tumor efficacy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 209-223.	2.0	70
88	3,5-Dimethylorsellinic Acid Derived Meroterpenoids from <i>Penicillium chrysogenum</i> MT-12, an Endophytic Fungus Isolated from <i>Huperzia serrata</i> . <i>Journal of Natural Products</i> , 2017, 80, 2699-2707.	1.5	48
89	Validated LC-MS/MS method for simultaneous determination of doxorubicin and curcumin in polymeric micelles in subcellular compartments of MCF7/Adr cells by protein precipitation-ultrasonic breaking method. <i>Biomedical Chromatography</i> , 2017, 31, e3892.	0.8	9
90	Five 2-(2-Phenylethyl)chromones from Sodium Chloride-Elicited <i>Aquilaria sinensis</i> Cell Suspension Cultures. <i>Molecules</i> , 2016, 21, 555.	1.7	8

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91	Pharmacological characterization of the opioid inactive isomers (+)-naltrexone and (+)-naloxone as antagonists of toll-like receptor 4. <i>British Journal of Pharmacology</i> , 2016, 173, 856-869.	2.7	128
92	Expanded investigations of the aglycon promiscuity and catalysis characteristic of flavonol 3-O-rhamnosyltransferase AtUGT78D1 from <i>Arabidopsis thaliana</i> . <i>RSC Advances</i> , 2016, 6, 84616-84626.	1.7	15
93	A copper-amyloid- β^2 targeted fluorescent chelator as a potential theranostic agent for Alzheimer's disease. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1572-1581.	3.0	20
94	Morphine paradoxically prolongs neuropathic pain in rats by amplifying spinal NLRP3 inflammasome activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3441-50.	3.3	292
95	Salinity stress induces the production of 2-(2-phenylethyl)chromones and regulates novel classes of responsive genes involved in signal transduction in <i>Aquilaria sinensis</i> calli. <i>BMC Plant Biology</i> , 2016, 16, 119.	1.6	39
96	Identification of a new curcumin synthase from ginger and construction of a curcuminoid-producing unnatural fusion protein diketide-CoA synthase::curcumin synthase. <i>RSC Advances</i> , 2016, 6, 12519-12524.	1.7	11
97	Specific self-monitoring of metal-associated amyloid- β^2 peptide disaggregation by a fluorescent chelator. <i>Chemical Communications</i> , 2016, 52, 2245-2248.	2.2	28
98	Structure-Activity Relationships of (+)-Naltrexone-Inspired Toll-like Receptor 4 (TLR4) Antagonists. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5038-5052.	2.9	77
99	DAT isn't all that: cocaine reward and reinforcement require Toll-like receptor 4 signaling. <i>Molecular Psychiatry</i> , 2015, 20, 1525-1537.	4.1	178
100	Caspases come together over LPS. <i>Trends in Immunology</i> , 2015, 36, 59-61.	2.9	17
101	A lysine-rich motif in the phosphatidylserine receptor PSR-1 mediates recognition and removal of apoptotic cells. <i>Nature Communications</i> , 2015, 6, 5717.	5.8	33
102	A two-photon fluorescent probe for detecting endogenous hypochlorite in living cells. <i>Dalton Transactions</i> , 2015, 44, 6613-6619.	1.6	40
103	By recruiting HDAC1, MORC2 suppresses p21 ^{Waf1/Cip1} in gastric cancer. <i>Oncotarget</i> , 2015, 6, 16461-16470.	0.8	39
104	Targeting the Toll of Drug Abuse: The Translational Potential of Toll-Like Receptor 4. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 692-699.	0.8	75
105	A small natural molecule promotes mitochondrial fusion through inhibition of the deubiquitinase USP30. <i>Cell Research</i> , 2014, 24, 482-496.	5.7	170
106	Activation of adult rat CNS endothelial cells by opioid-induced toll-like receptor 4 (TLR4) signaling induces proinflammatory, biochemical, morphological, and behavioral sequelae. <i>Neuroscience</i> , 2014, 280, 299-317.	1.1	56
107	In vivo veritas: (+)-Naltrexone's actions define translational importance. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 432-433.	4.0	16
108	Rifampin inhibits Toll-like receptor 4 signaling by targeting myeloid differentiation protein 2 and attenuates neuropathic pain. <i>FASEB Journal</i> , 2013, 27, 2713-2722.	0.2	63

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109	Targeting Toll-like receptors with small molecule agents. <i>Chemical Society Reviews</i> , 2013, 42, 4859.	18.7	98
110	Toll-like receptors as therapeutic targets for autoimmune connective tissue diseases. , 2013, 138, 441-451.		107
111	Interpretable aesthetic features for affective image classification. , 2013, , .		49
112	Opioid Activation of Toll-Like Receptor 4 Contributes to Drug Reinforcement. <i>Journal of Neuroscience</i> , 2012, 32, 11187-11200.	1.7	258
113	Targeting the lateral interactions of transmembrane domain 5 of Epstein-Barr virus latent membrane protein 1. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2282-2289.	1.4	14
114	Discovery of Small-Molecule Inhibitors of the TLR1/TLR2 Complex. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12246-12249.	7.2	126
115	Selection, synthesis, and anti-inflammatory evaluation of the arylidene malonate derivatives as TLR4 signaling inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6073-6079.	1.4	26
116	Morphine activates neuroinflammation in a manner parallel to endotoxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6325-6330.	3.3	401
117	Repositioning Antimicrobial Agent Pentamidine as a Disruptor of the Lateral Interactions of Transmembrane Domain 5 of EBV Latent Membrane Protein 1. <i>PLoS ONE</i> , 2012, 7, e47703.	1.1	9
118	Small-Molecule Inhibitors of the TLR3/dsRNA Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 3764-3767.	6.6	117
119	Microwave assisted one-step green synthesis of cell-permeable multicolor photoluminescent carbon dots without surface passivation reagents. <i>Journal of Materials Chemistry</i> , 2011, 21, 2445.	6.7	608
120	Label-free colorimetric and quantitative detection of cancer marker protein using noncrosslinking aggregation of Au/Ag nanoparticles induced by target-specific peptide probe. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4804-4809.	5.3	38
121	Multicolor luminescent carbon nanoparticles: Synthesis, supramolecular assembly with porphyrin, intrinsic peroxidase-like catalytic activity and applications. <i>Nano Research</i> , 2011, 4, 908-920.	5.8	215
122	Small Interfering RNA for Effective Cancer Therapies. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011, 11, 114-124.	1.1	11
123	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2010, 20, 3967-3971.	7.8	130
124	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2010, 20, 3966-3966.	7.8	94
125	Label-Free Colorimetric Detection of Single Nucleotide Polymorphism by Using Single-Walled Carbon Nanotube Intrinsic Peroxidase-Like Activity. <i>Chemistry - A European Journal</i> , 2010, 16, 3617-3621.	1.7	484
126	A rapid and sensitive "add-mix-measure" assay for multiple proteinases based on one gold nanoparticle-peptide-fluorophore conjugate. <i>Biosensors and Bioelectronics</i> , 2010, 26, 743-747.	5.3	24

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127	Knocking-Down Cyclin A2 by siRNA Suppresses Apoptosis and Switches Differentiation Pathways in K562 Cells upon Administration with Doxorubicin. PLoS ONE, 2009, 4, e6665.	1.1	41
128	i-Motif Quadruplex DNA-Based Biosensor for Distinguishing Single- and Multiwalled Carbon Nanotubes. Journal of the American Chemical Society, 2009, 131, 13813-13818.	6.6	117
129	Targeted RNA Interference of Cyclin A ₂ Mediated by Functionalized Single-Walled Carbon Nanotubes Induces Proliferation Arrest and Apoptosis in Chronic Myelogenous Leukemia K562 Cells. ChemMedChem, 2008, 3, 940-945.	1.6	93
130	Biophysical characterization of the interaction of p21 with calmodulin: A mechanistic study. Biophysical Chemistry, 2008, 138, 138-143.	1.5	5
131	Biophysical Studies on the Full-Length Human Cyclin A2: Protein Stability and Folding/Unfolding Thermodynamics. Journal of Physical Chemistry B, 2008, 112, 8346-8353.	1.2	12
132	Chiral metallo-supramolecular complexes selectively recognize human telomeric G-quadruplex DNA. Nucleic Acids Research, 2008, 36, 5695-5703.	6.5	181
133	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.	0.6	13
134	Physical and spectral characterization of the human cyclin A gene and its interactions with anthracycline anticancer drugs. Chemical Physics Letters, 2007, 436, 252-257.	1.2	1
135	Light-Scattering Characterization of Fullerene-Containing Poly(alkyl methacrylate)s in THF. Macromolecules, 1999, 32, 2786-2788.	2.2	55
136	Light-Scattering Study of Coil-to-Globule Transition of a Poly(N-isopropylacrylamide) Chain in Deuterated Water. Macromolecules, 1999, 32, 4299-4301.	2.2	221
137	ACT001 Inhibits TLR4 Signaling by Targeting Co-Receptor MD2 and Attenuates Neuropathic Pain. Frontiers in Immunology, 0, 13, .	2.2	4