Hang Yin

List of Publications by Year
in descending order

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167 papers	17,687 citations	26630 56 h-index	15266 126 g-index
180 all docs	180 docs citations	180 times ranked	24095 citing authors

#	Article	IF	Citations
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
2	Evidence that opioids may have toll-like receptor 4 and MD-2 effects. Brain, Behavior, and Immunity, 2010, 24, 83-95.	4.1	447
3	Strategies for Targeting Protein-Protein Interactions With Synthetic Agents. Angewandte Chemie - International Edition, 2005, 44, 4130-4163.	13.8	422
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	Tollâ€like receptor 4 in CNS pathologies. Journal of Neurochemistry, 2010, 114, 13-27.	3.9	279
7	Computational Design of Peptides That Target Transmembrane Helices. Science, 2007, 315, 1817-1822.	12.6	271
8	Opioid Activation of Toll-Like Receptor 4 Contributes to Drug Reinforcement. Journal of Neuroscience, 2012, 32, 11187-11200.	3.6	258
9	Development of a Potent Bcl-xLAntagonist Based on Î±-Helix Mimicry. Journal of the American Chemical Society, 2002, 124, 11838-11839.	13.7	254
10	Design and Application of an Î±-Helix-Mimetic Scaffold Based on an Oligoamide-Foldamer Strategy: Antagonism of the Bak BH3/Bcl-xL Complex. Angewandte Chemie - International Edition, 2003, 42, 535-539.	13.8	253
11	A magnetic protein biocompass. Nature Materials, 2016, 15, 217-226.	27.5	250
12	Concise Review: Developing Best-Practice Models for the Therapeutic Use of Extracellular Vesicles. Stem Cells Translational Medicine, 2017, 6, 1730-1739.	3.3	247
13	Drugging Membrane Protein Interactions. Annual Review of Biomedical Engineering, 2016, 18, 51-76.	12.3	237
14	Terphenyl-Based Helical Mimetics That Disrupt the p53/HDM2 Interaction. Angewandte Chemie - International Edition, 2005, 44, 2704-2707.	13.8	233
15	Activation of MyD88-dependent TLR1/2 signaling by misfolded Î±-synuclein, a protein linked to neurodegenerative disorders. Science Signaling, 2015, 8, ra45.	3.6	228
16	SARS-CoV-2 spike protein interacts with and activates TLR41. Cell Research, 2021, 31, 818-820.	12.0	225
17	Terphenyl-Based Bak BH3 Î±-Helical Proteomimetics as Low-Molecular-Weight Antagonists of Bcl-xL. Journal of the American Chemical Society, 2005, 127, 10191-10196.	13.7	194
18	Updating the MISEV minimal requirements for extracellular vesicle studies: building bridges to reproducibility. Journal of Extracellular Vesicles, 2017, 6, 1396823.	12.2	185

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19	DAT isnâ€™t all that: cocaine reward and reinforcement require Toll-like receptor 4 signaling. Molecular Psychiatry, 2015, 20, 1525-1537.	7.9	178
20	Biological membranes in EV biogenesis, stability, uptake, and cargo transfer: an ISEV position paper arising from the ISEV membranes and EVs workshop. Journal of Extracellular Vesicles, 2019, 8, 1684862.	12.2	177
21	Exosomes and Microvesicles: Identification and Targeting By Particle Size and Lipid Chemical Probes. ChemBioChem, 2014, 15, 923-928.	2.6	137
22	Terephthalamide Derivatives as Mimetics of Helical Peptides:Â Disruption of the Bcl-xL/Bak Interaction. Journal of the American Chemical Society, 2005, 127, 5463-5468.	13.7	133
23	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
24	Discovery of Smallâ€Molecule Inhibitors of the TLR1/TLR2 Complex. Angewandte Chemie - International Edition, 2012, 51, 12246-12249.	13.8	126
25	HMGB1 Activates Proinflammatory Signaling via TLR5 Leading to Allodynia. Cell Reports, 2016, 17, 1128-1140.	6.4	125
26	Small-Molecule Modulators of Toll-like Receptors. Accounts of Chemical Research, 2020, 53, 1046-1055.	15.6	122
27	Adrenomedullin Protects Against Myocardial Apoptosis After Ischemia/Reperfusion Through Activation of Akt-GSK Signaling. Hypertension, 2004, 43, 109-116.	2.7	121
28	Small-Molecule Inhibitors of the TLR3/dsRNA Complex. Journal of the American Chemical Society, 2011, 133, 3764-3767.	13.7	117
29	Possible involvement of toll-like receptor 4/myeloid differentiation factor-2 activity of opioid inactive isomers causes spinal proinflammation and related behavioral consequences. Neuroscience, 2010, 167, 880-893.	2.3	115
30	Toll-like receptors as therapeutic targets for autoimmune connective tissue diseases. , 2013, 138, 441-451.		107
31	Kallikrein/Kinin Protects against Myocardial Apoptosis after Ischemia/Reperfusion via Akt-Glycogen Synthase Kinase-3 and Akt-BadÂ·14-3-3 Signaling Pathways. Journal of Biological Chemistry, 2005, 280, 8022-8030.	3.4	105
32	The BH3 Î±-Helical Mimic BH3-M6 Disrupts Bcl-XL, Bcl-2, and MCL-1 Protein-Protein Interactions with Bax, Bak, Bad, or Bim and Induces Apoptosis in a Bax- and Bim-dependent Manner. Journal of Biological Chemistry, 2011, 286, 9382-9392.	3.4	105
33	Targeting Toll-like receptors with small molecule agents. Chemical Society Reviews, 2013, 42, 4859.	38.1	98
34	Small-molecule inhibition of TLR8 through stabilization of its resting state. Nature Chemical Biology, 2018, 14, 58-64.	8.0	97
35	p53 Î±-Helix mimetics antagonize p53/MDM2 interaction and activate p53. Molecular Cancer Therapeutics, 2005, 4, 1019-1025.	4.1	95
36	Neuroexcitatory effects of morphine-3-glucuronide are dependent on Toll-like receptor 4 signaling. Journal of Neuroinflammation, 2012, 9, 200.	7.2	95

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37	Evidence that tricyclic small molecules may possess toll-like receptor and myeloid differentiation protein 2 activity. Neuroscience, 2010, 168, 551-563.	2.3	85
38	DREADDed microglia in pain: Implications for spinal inflammatory signaling in male rats. Experimental Neurology, 2018, 304, 125-131.	4.1	79
39	Structureâ€"Activity Relationships of (+)-Naltrexone-Inspired Toll-like Receptor 4 (TLR4) Antagonists. Journal of Medicinal Chemistry, 2015, 58, 5038-5052.	6.4	77
40	The future of Extracellular Vesicles as Theranostics â€" an ISEV meeting report. Journal of Extracellular Vesicles, 2020, 9, 1809766.	12.2	77
41	TLR4-dependent fibroblast activation drives persistent organ fibrosis in skin and lung. JCI Insight, 2018, 3, .	5.0	77
42	Novel Role of Kallistatin in Protection Against Myocardial Ischemiaâ€"Reperfusion Injury by Preventing Apoptosis and Inflammation. Human Gene Therapy, 2006, 17, 1201-1213.	2.7	74
43	Specific activation of the TLR1-TLR2 heterodimer by small-molecule agonists. Science Advances, 2015, 1, .	10.3	72
44	Terephthalamide derivatives as mimetics of the helical region of Bak peptide target Bcl-xL protein. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 1375-1379.	2.2	66
45	Isolated Toll-like Receptor Transmembrane Domains Are Capable of Oligomerization. PLoS ONE, 2012, 7, e48875.	2.5	66
46	SARS-CoV-2 nucleocapsid protein undergoes liquidâ€"liquid phase separation into stress granules through its N-terminal intrinsically disordered region. Cell Discovery, 2021, 7, 5.	6.7	66
47	Kallistatin Inhibits Vascular Inflammation by Antagonizing Tumor Necrosis Factor-Î±â€"Induced Nuclear Factor ÎºB Activation. Hypertension, 2010, 56, 260-267.	2.7	65
48	Expression and functionality of Tollâ€like receptorÂ3 in the megakaryocytic lineage. Journal of Thrombosis and Haemostasis, 2015, 13, 839-850.	3.8	65
49	Lipidated Cyclic Î³-AApeptides Display Both Antimicrobial and Anti-inflammatory Activity. ACS Chemical Biology, 2014, 9, 211-217.	3.4	64
50	Therapeutic Developments Targeting Tollâ€like Receptorâ€4â€Mediated Neuroinflammation. ChemMedChem, 2016, 11, 154-165.	3.2	64
51	Non-steroidal Anti-inflammatory Drugs Are Caspase Inhibitors. Cell Chemical Biology, 2017, 24, 281-292.	5.2	64
52	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
53	A ratiometric two-photon fluorescent probe for hydrazine and its applications. Sensors and Actuators B: Chemical, 2015, 220, 1338-1345.	7.8	63
54	Sensing of HIV-1 by TLR8 activates human T cells and reverses latency. Nature Communications, 2020, 11, 147.	12.8	62

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55	Computationally Designed Peptide Inhibitors of Proteinâ^'Protein Interactions in Membranes. Biochemistry, 2008, 47, 8600-8606.	2.5	61
56	Targeting proteinâ^'protein interfaces using macrocyclic peptides. Biopolymers, 2015, 104, 310-316.	2.4	58
57	Title is missing!. Angewandte Chemie, 2003, 115, 553-557.	2.0	57
58	Acute Stressor Exposure Modifies Plasma Exosome-Associated Heat Shock Protein 72 (Hsp72) and microRNA (miR-142-5p and miR-203). PLoS ONE, 2014, 9, e108748.	2.5	57
59	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
60	Toll-Like Receptor-4 Signaling Drives Persistent Fibroblast Activation and Prevents Fibrosis Resolution in Scleroderma. Advances in Wound Care, 2017, 6, 356-369.	5.1	55
61	Role of kallistatin in prevention of cardiac remodeling after chronic myocardial infarction. Laboratory Investigation, 2008, 88, 1157-1166.	3.7	54
62	MARCKS-ED Peptide as a Curvature and Lipid Sensor. ACS Chemical Biology, 2013, 8, 218-225.	3.4	54
63	Activation of Platelet Î±IIbÎ²3 by an Exogenous Peptide Corresponding to the Transmembrane Domain of Î±IIb*. Journal of Biological Chemistry, 2006, 281, 36732-36741.	3.4	49
64	Human Toll-like Receptor 8 (TLR8) Is an Important Sensor of Pyogenic Bacteria, and Is Attenuated by Cell Surface TLR Signaling. Frontiers in Immunology, 2019, 10, 1209.	4.8	49
65	Discovery of Small-Molecule Cyclic GMP-AMP Synthase Inhibitors. Journal of Organic Chemistry, 2020, 85, 1579-1600.	3.2	48
66	Using Two Fluorescent Probes to Dissect the Binding, Insertion, and Dimerization Kinetics of a Model Membrane Peptide. Journal of the American Chemical Society, 2009, 131, 3816-3817.	13.7	47
67	Discovery of Small Molecules as Multi-Toll-like Receptor Agonists with Proinflammatory and Anticancer Activities. Journal of Medicinal Chemistry, 2017, 60, 5029-5044.	6.4	47
68	Directional specificity in the regeneration of lamprey spinal axons. Science, 1984, 224, 894-896.	12.6	46
69	Nitric oxide mediates cardiac protection of tissue kallikrein by reducing inflammation and ventricular remodeling after myocardial ischemia/reperfusion. Life Sciences, 2008, 82, 156-165.	4.3	44
70	Short Antimicrobial Lipoâ€Î±/Î³â€AA Hybrid Peptides. ChemBioChem, 2014, 15, 2275-2280.	2.6	44
71	A mitochondria-targeted ratiometric two-photon fluorescent probe for biological zinc ions detection. Biosensors and Bioelectronics, 2016, 77, 921-927.	10.1	42
72	TLR1/2 Specific Smallâ€Molecule Agonist Suppresses Leukemia Cancer Cell Growth by Stimulating Cytotoxic T Lymphocytes. Advanced Science, 2019, 6, 1802042.	11.2	42

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73	Structural Basis for Blocking Sugar Uptake into the Malaria Parasite Plasmodium falciparum. Cell, 2020, 183, 258-268.e12.	28.9	42
74	Differential role of kinin B1 and B2 receptors in ischemia-induced apoptosis and ventricular remodeling. Peptides, 2007, 28, 1383-1389.	2.4	41
75	A Peptide Antagonist of the TLR4â€“MD2 Interaction. ChemBioChem, 2009, 10, 645-649.	2.6	41
76	A two-photon fluorescent probe for detecting endogenous hypochlorite in living cells. Dalton Transactions, 2015, 44, 6613-6619.	3.3	40
77	Brain Functional Networks Study of Subacute Stroke Patients With Upper Limb Dysfunction After Comprehensive Rehabilitation Including BCI Training. Frontiers in Neurology, 2019, 10, 1419.	2.4	40
78	Arylamide Derivatives as Peptidomimetic Inhibitors of Calmodulin. Organic Letters, 2006, 8, 223-225.	4.6	39
79	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
80	Application of a novel in silico high-throughput screen to identify selective inhibitors for proteinâ€“protein interactions. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5411-5413.	2.2	34
81	Polymer-Based Purification of Extracellular Vesicles. Methods in Molecular Biology, 2017, 1660, 91-103.	0.9	34
82	Small-Molecule TLR8 Antagonists via Structure-Based Rational Design. Cell Chemical Biology, 2018, 25, 1286-1291.e3.	5.2	34
83	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
84	Evaluation of TLR4 Inhibitor, T5342126, in Modulation of Ethanol-Drinking Behavior in Alcohol-Dependent Mice. Alcohol and Alcoholism, 2016, 51, 541-548.	1.6	33
85	PNA-based microRNA inhibitors elicit anti-inflammatory effects in microglia cells. Chemical Communications, 2013, 49, 4415-4417.	4.1	32
86	Saccharin Derivatives as Inhibitors of Interferon-Mediated Inflammation. Journal of Medicinal Chemistry, 2014, 57, 5348-5355.	6.4	32
87	The leech product saratin is a potent inhibitor of platelet integrin Î±2Î²1 and von Willebrand factor binding to collagen. FEBS Journal, 2007, 274, 1481-1491.	4.7	31
88	Detection of Highly Curved Membrane Surfaces Using a Cyclic Peptide Derived from Synaptotagmin-I. ACS Chemical Biology, 2012, 7, 1629-1635.	3.4	31
89	Development of Î²-Amino Alcohol Derivatives That Inhibit Toll-like Receptor 4 Mediated Inflammatory Response as Potential Antiseptics. Journal of Medicinal Chemistry, 2011, 54, 4659-4669.	6.4	30
90	TLR4 biased small molecule modulators. , 2021, 228, 107918.		29

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91	Pyrimidine Triazole Thioether Derivatives as Tollâ€Like Receptorâ€…5 (TLR5)/Flagellin Complex Inhibitors. ChemMedChem, 2016, 11, 822-826.	3.2	28
92	Selection, Preparation, and Evaluation of Small-Molecule Inhibitors of Toll-Like Receptor 4. ACS Medicinal Chemistry Letters, 2010, 1, 194-198.	2.8	26
93	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
94	Directly Activating the Integrin Î±IIbÎ²3 Initiates Outside-In Signaling by Causing Î±IIbÎ²3 Clustering. Journal of Biological Chemistry, 2016, 291, 11706-11716.	3.4	26
95	Extracellular vesicles derived from ODN-stimulated macrophages transfer and activate Cdc42 in recipient cells and thereby increase cellular permissiveness to EV uptake. Science Advances, 2019, 5, eaav1564.	10.3	26
96	ZDHHC18 negatively regulates cGASâ€mediated innate immunity through palmitoylation. EMBO Journal, 2022, 41, e109272.	7.8	26
97	Focusing on the Influenza Virus Polymerase Complex: Recent Progress in Drug Discovery and Assay Development. Current Medicinal Chemistry, 2019, 26, 2243-2263.	2.4	25
98	Protein engineering methods applied to membrane protein targets. Protein Engineering, Design and Selection, 2013, 26, 91-100.	2.1	24
99	NLRP6 self-assembles into a linear molecular platform following LPS binding and ATP stimulation. Scientific Reports, 2020, 10, 198.	3.3	23
100	Multifunctional Integrated Compartment Systems for Incompatible Cascade Reactions Based on Onion-Like Photonic Spheres. Journal of the American Chemical Society, 2020, 142, 20605-20615.	13.7	22
101	Exogenous Agents that Target Transmembrane Domains of Proteins. Angewandte Chemie - International Edition, 2008, 47, 2744-2752.	13.8	21
102	Constant Pressure-controlled Extrusion Method for the Preparation of Nano-sized Lipid Vesicles. Journal of Visualized Experiments, 2012, , .	0.3	21
103	Discovery of Novel Small-Molecule Inhibitors of NF-ÎºB Signaling with Antiinflammatory and Anticancer Properties. Journal of Medicinal Chemistry, 2018, 61, 5881-5899.	6.4	21
104	Comparing Residue Clusters from Thermophilic and Mesophilic Enzymes Reveals Adaptive Mechanisms. PLoS ONE, 2016, 11, e0145848.	2.5	21
105	Design, Synthesis, and Structureâ€"Activity Relationship of <i>N</i>-Aryl-<i>N</i>â€²-(thiophen-2-yl)thiourea Derivatives as Novel and Specific Human TLR1/2 Agonists for Potential Cancer Immunotherapy. Journal of Medicinal Chemistry, 2021, 64, 7371-7389.	6.4	20
106	Transmembrane peptides used to investigate the homo-oligomeric interface and binding hot-spot of latent membrane protein 1. Biopolymers, 2011, 95, n/a-n/a.	2.4	19
107	Multivalency amplifies the selection and affinity of bradykinin-derived peptides for lipid nanovesicles. Molecular BioSystems, 2013, 9, 2005.	2.9	19
108	Arylamide derivatives as allosteric inhibitors of the integrin Î±2Î²1/type I collagen interaction. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 3380-3382.	2.2	18

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109	The Development of Antimicrobial Î±â€Apeptides that Suppress Proinflammatory Immune Responses. ChemBioChem, 2014, 15, 688-694.	2.6	18
110	Rationally Designed Small-Molecule Inhibitors Targeting an Unconventional Pocket on the TLR8 Proteinâ€"Protein Interface. Journal of Medicinal Chemistry, 2020, 63, 4117-4132.	6.4	18
111	Caspases come together over LPS. Trends in Immunology, 2015, 36, 59-61.	6.8	17
112	Orthostericâ€"allosteric dual inhibitors of PfHT1 as selective antimalarial agents. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
113	MARCH8 attenuates cGAS-mediated innate immune responses through ubiquitylation. Science Signaling, 2022, 15, eabk3067.	3.6	17
114	Biophysical investigations with MARCKS-ED: dissecting the molecular mechanism of its curvature sensing behaviors. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 3137-3144.	2.6	15
115	Rationally designed macrocyclic peptides as synergistic agonists ofÂLPS-induced inflammatory response. Tetrahedron, 2014, 70, 7664-7668.	1.9	15
116	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
117	Peptides derived from MARCKS block coagulation complex assembly on phosphatidylserine. Scientific Reports, 2017, 7, 4275.	3.3	14
118	An MD2 Hotâ€Spotâ€Mimicking Peptide that Suppresses TLR4â€Mediated Inflammatory Response in vitro and in vivo. ChemBioChem, 2011, 12, 1827-1831.	2.6	13
119	Changes in lipid density induce membrane curvature. RSC Advances, 2013, 3, 13622.	3.6	13
120	Discovery of Novel Small Molecule Dual Inhibitors Targeting Toll-Like Receptors 7 and 8. Journal of Medicinal Chemistry, 2019, 62, 10221-10244.	6.4	13
121	Peptide Probes for Protein Transmembrane Domains. ACS Chemical Biology, 2008, 3, 402-411.	3.4	12
122	A polar SxxS motif drives assembly of the transmembrane domains of Toll-like receptor 4. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 2086-2095.	2.6	12
123	Photoactivatable Prodrug of Doxazolidine Targeting Exosomes. Journal of Medicinal Chemistry, 2019, 62, 1959-1970.	6.4	12
124	Tetrasubstituted imidazoles as incognito Toll-like receptor 8â€‰a(nta)gonists. Nature Communications, 2021, 12, 4351.	12.8	12
125	Multi-Tox: Application of the ToxR-transcriptional reporter assay to the study of multi-pass protein transmembrane domain oligomerization. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2948-2953.	2.6	11
126	Constrained Peptides as Miniature Protein Structures. , 2012, 2012, 1-15.		11

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127	An iterative computational design approach to increase the thermal endurance of a mesophilic enzyme. Biotechnology for Biofuels, 2018, 11, 189.	6.2	11
128	Alpha-Helix Mimetics in Drug Discovery. , 0, , 281-299.		10
129	How does an RNA selfie work? EVâ€associated RNA in innate immunity as self or danger. Journal of Extracellular Vesicles, 2020, 9, 1793515.	12.2	10
130	Curvature sensing MARCKSâ€ED peptides bind to membranes in a stereoâ€independent manner. Journal of Peptide Science, 2015, 21, 577-585.	1.4	9
131	TLR8 and complement C5 induce cytokine release and thrombin activation in human whole blood challenged with Gram-positive bacteria. Journal of Leukocyte Biology, 2020, 107, 673-683.	3.3	9
132	Harnessing the therapeutic potential of extracellular vesicles for cancer treatment. Seminars in Cancer Biology, 2021, 74, 92-104.	9.6	9
133	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
134	Design, Synthesis, and Evaluation of Biotinylated Opioid Derivatives as Novel Probes to Study Opioid Pharmacology. Bioconjugate Chemistry, 2008, 19, 2585-2589.	3.6	8
135	Development of Agents that Modulate Protein-Protein Interactions in Membranes. Current Pharmaceutical Design, 2010, 16, 1055-1062.	1.9	8
136	Transmembrane Domain Oligomerization Propensity determined by ToxR Assay. Journal of Visualized Experiments, 2011, , .	0.3	8
137	Determinants of Curvature-Sensing Behavior for MARCKS-Fragment Peptides. Biophysical Journal, 2016, 110, 1980-1992.	0.5	8
138	Small Molecule and Peptide Recognition of Protein Transmembrane Domains. Biochemistry, 2017, 56, 2076-2085.	2.5	8
139	Efficient Fabrication of Diverse Mesostructured Materials from the Self-Assembly of Pyrrole-Containing Block Copolymers and Their Confined Chemical Transformation. Macromolecules, 2021, 54, 906-918.	4.8	8
140	Computationally Designed Peptide Inhibitors of the Ubiquitin E3 Ligase SCF^{Fbx4}. ChemBioChem, 2013, 14, 445-451.	2.6	7
141	Lipid-Targeting Peptide Probes for Extracellular Vesicles. Journal of Cellular Physiology, 2016, 231, 2327-2332.	4.1	7
142	Regulation of the Function of Î±vÎ²3 in Platelets by a Designed Peptide Targeting the Î±v Transmembrane Domain.. Blood, 2006, 108, 1504-1504.	1.4	7
143	Small molecule SMU-CX24 targeting toll-like receptor 3 counteracts inflammation: A novel approach to atherosclerosis therapy. Acta Pharmaceutica Sinica B, 2022, 12, 3667-3681.	12.0	7
144	Pyridoxamine is a substrate of the energy-coupling factor transporter HmpT. Cell Discovery, 2015, 1, 15014.	6.7	6

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145	Toll-like receptor (TLR) 3 as a surrogate sensor of retroviral infection in human cells. Biochemical and Biophysical Research Communications, 2012, 424, 519-523.	2.1	5
146	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
147	Regulation of aerobic glycolysis to decelerate tumor proliferation by small molecule inhibitors targeting glucose transporters. Protein and Cell, 2020, 11, 446-451.	11.0	5
148	The effects of early rapid corticosteroid reduction on cell-mediated immunity in kidney transplant recipients. Transplant Immunology, 2011, 24, 127-130.	1.2	4
149	Supramolecular Membrane Chemistry. , 2017, , 311-328.		4
150	Activation of Platelet Î± IIbÎ² 3 by Exogenous Peptides Corresponding to the Transmembrane Domains of Î± IIb and Î² 3.. Blood, 2005, 106, 384-384.	1.4	4
151	Chemical Biology Probes for Extracellular Vesicles Facilitate Studies of Neuroinflammation. ACS Chemical Neuroscience, 2016, 7, 418-419.	3.5	3
152	Urban Region Function Mining Service Based on Social Media Text Analysis. International Journal of Software Engineering and Knowledge Engineering, 2021, 31, 563-586.	0.8	3
153	Photoactivation of Innate Immunity Receptor TLR8 in Live Mammalian Cells by Genetic Encoding of Photocaged Tyrosine. ChemBioChem, 2021, , .	2.6	3
154	An API Learning Service for Inexperienced Developers Based on API Knowledge Graph. , 2021, , .		3
155	Protocol for evaluation and validation of TLR8 antagonists in HEK-Blue cells via secreted embryonic alkaline phosphatase assay. STAR Protocols, 2022, 3, 101061.	1.2	3
156	A Candidate Drug Screen Strategy: The Discovery of Oroxylin A in Scutellariae Radix Against Sepsis via the Correlation Analysis Between Plant Metabolomics and Pharmacodynamics. Frontiers in Pharmacology, 0, 13, .	3.5	3
157	Rationally Designed Peptide Probes for Extracellular Vesicles. Advances in Clinical Chemistry, 2017, 79, 25-41.	3.7	2
158	Computational Design of Membrane Curvature-Sensing Peptides. Methods in Molecular Biology, 2017, 1529, 417-437.	0.9	2
159	Strategies for Targeting Proteinâ€"Protein Interactions with Synthetic Agents. ChemInform, 2005, 36, no.	0.0	1
160	Understanding Membrane Proteins. How to Design Inhibitors of Transmembrane Proteinâ€"Protein Interactions. Nucleic Acids and Molecular Biology, 2009, , 315-337.	0.2	1
161	Cover Picture: Exogenous Agents that Target Transmembrane Domains of Proteins (Angew. Chem. Int.) Tj ETQq1 1 0.784314 rgBT /Ove	13.8	0
162	Inside Cover: An MD2 Hotâ€Spotâ€Mimicking Peptide that Suppresses TLR4â€Mediated Inflammatory Response in vitro and in vivo (ChemBioChem 12/2011). ChemBioChem, 2011, 12, 1786-1786.	2.6	0

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163	Engineering and Utilization of Reporter Cell Lines for Cell-Based Assays of Transmembrane Receptors. Methods in Molecular Biology, 2013, 1063, 211-225.	0.9	0
164	Immune profiling before treatment is predictive of TLR9-induced antitumor efficacy. Biomaterials, 2020, 263, 120379.	11.4	0
165	Design and optimisation of a small-molecule TLR2/4 antagonist for anti-tumour therapy. RSC Medicinal Chemistry, 2021, 12, 1771-1779.	3.9	0
166	MARCKS ED Inhibits Fibrin Formation By Blocking Coagulation Protein Complex Assembly on Phosphatidylserine. Blood, 2015, 126, 2272-2272.	1.4	0
167	Small-Molecule TLR8 Antagonists And The Human Immune System. , 2018, , .		0