Mingdong Huang

List of Publications by Year
in descending order

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198	8,131	57758	58581
papers	citations	44 h-index	82 g-index

208	208	208	10024
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Basis of Plasticity in T Cell Receptor Recognition of a Self Peptide-MHC Antigen. Science, 1998, 279, 1166-1172.	12.6	641
2	Lanthanideâ€Doped LiLuF₄ Upconversion Nanoprobes for the Detection of Disease Biomarkers. Angewandte Chemie - International Edition, 2014, 53, 1252-1257.	13.8	397
3	Amine-Functionalized Lanthanide-Doped KGdF₄ Nanocrystals as Potential Optical/Magnetic Multimodal Bioprobes. Journal of the American Chemical Society, 2012, 134, 1323-1330.	13.7	372
4	Structure of Human Urokinase Plasminogen Activator in Complex with Its Receptor. Science, 2006, 311, 656-659.	12.6	273
5	Roles for glycosylation of cell surface receptors involved in cellular immune recognition. Journal of Molecular Biology, 1999, 293, 351-366.	4.2	221
6	Amine-Functionalized Lanthanide-Doped Zirconia Nanoparticles: Optical Spectroscopy, Time-Resolved Fluorescence Resonance Energy Transfer Biodetection, and Targeted Imaging. Journal of the American Chemical Society, 2012, 134, 15083-15090.	13.7	221
7	Crystal Structure of Human Factor VIII: Implications for the Formation of the Factor IXa-Factor VIIIa Complex. Structure, 2008, 16, 597-606.	3.3	209
8	Structural basis of membrane binding by Gla domains of vitamin Kâ€“dependent proteins. Nature Structural and Molecular Biology, 2003, 10, 751-756.	8.2	207
9	Subâ€10â€…nm Lanthanideâ€Doped CaF₂ Nanoprobes for Timeâ€Resolved Luminescent Biodetection. Angewandte Chemie - International Edition, 2013, 52, 6671-6676.	13.8	185
10	Effect of human serum albumin on drug metabolism: Structural evidence of esterase activity of human serum albumin. Journal of Structural Biology, 2007, 157, 348-355.	2.8	184
11	Crystal structure of Sar1-GDP at 1.7 ÅŠ resolution and the role of the NH2 terminus in ER export. Journal of Cell Biology, 2001, 155, 937-948.	5.2	149
12	Multifunctional Nanoâ€Bioprobes Based on Rattleâ€Structured Upconverting Luminescent Nanoparticles. Angewandte Chemie - International Edition, 2015, 54, 7915-7919.	13.8	145
13	Lanthanide-doped upconversion nanoparticles electrostatically coupled with photosensitizers for near-infrared-triggered photodynamic therapy. Nanoscale, 2014, 6, 8274.	5.6	133
14	Protein disulfide isomerase capture during thrombus formation in vivo depends on the presence of Î²3 integrins. Blood, 2012, 120, 647-655.	1.4	117
15	A new drug binding subsite on human serum albumin and drugâ€“drug interaction studied by X-ray crystallography. Journal of Structural Biology, 2008, 162, 40-49.	2.8	114
16	The mechanism of an inhibitory antibody on TF-initiated blood coagulation revealed by the crystal structures of human tissue factor, Fab 5G9 and TFÂ·5G9 complex 1 1Edited by D. C. Rees. Journal of Molecular Biology, 1998, 275, 873-894.	4.2	113
17	Structural Mechanism of Ring-opening Reaction of Glucose by Human Serum Albumin. Journal of Biological Chemistry, 2013, 288, 15980-15987.	3.4	105
18	Crystal structures of two human vitronectin, urokinase and urokinase receptor complexes. Nature Structural and Molecular Biology, 2008, 15, 422-423.	8.2	103

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19	Lanthanide-doped luminescent nano-bioprobes for the detection of tumor markers. Nanoscale, 2015, 7, 4274-4290.	5.6	101
20	A substrate-driven allosteric switch that enhances PDI catalytic activity. Nature Communications, 2016, 7, 12579.	12.8	98
21	Quercetin-3-rutinoside Inhibits Protein Disulfide Isomerase by Binding to Its bâ€²x Domain. Journal of Biological Chemistry, 2015, 290, 23543-23552.	3.4	90
22	Near-infrared-triggered antibacterial and antifungal photodynamic therapy based on lanthanide-doped upconversion nanoparticles. Nanoscale, 2018, 10, 15485-15495.	5.6	90
23	Derivatizable phthalocyanine with single carboxyl group: Synthesis and purification. Inorganic Chemistry Communication, 2006, 9, 313-315.	3.9	80
24	A New Type of Dyeâ€Sensitized Solar Cell with a Multilayered Photoanode Prepared by a Filmâ€Transfer Technique. Advanced Materials, 2011, 23, 2764-2768.	21.0	80
25	Be Active or Not: the Relative Contribution of Active and Passive Tumor Targeting of Nanomaterials. Nanotheranostics, 2017, 1, 346-357.	5.2	76
26	Structural Evidence of Perfluorooctane Sulfonate Transport by Human Serum Albumin. Chemical Research in Toxicology, 2012, 25, 990-992.	3.3	75
27	Lanthanide-doped NaScF4 nanoprobes: crystal structure, optical spectroscopy and biodetection. Nanoscale, 2013, 5, 6430.	5.6	74
28	Therapeutics targeting the fibrinolytic system. Experimental and Molecular Medicine, 2020, 52, 367-379.	7.7	73
29	Parmodulins inhibit thrombus formation without inducing endothelial injury caused by vorapaxar. Blood, 2015, 125, 1976-1985.	1.4	71
30	Sub-5 nm lanthanide-doped lutetium oxyfluoride nanoprobes for ultrasensitive detection of prostate specific antigen. Chemical Science, 2016, 7, 2572-2578.	7.4	71
31	Structure-based Engineering of Species Selectivity in the Interaction between Urokinase and Its Receptor. Journal of Biological Chemistry, 2010, 285, 10982-10992.	3.4	68
32	Crystal Structure of the Calcium-stabilized Human Factor IX Gla Domain Bound to a Conformation-specific Anti-factor IX Antibody. Journal of Biological Chemistry, 2004, 279, 14338-14346.	3.4	64
33	Reâ€engineering the Immune Response to Metastatic Cancer: Antibodyâ€Recruiting Small Molecules Targeting the Urokinase Receptor. Angewandte Chemie - International Edition, 2016, 55, 3642-3646.	13.8	63
34	A Novel Tumor Targeting Drug Carrier for Optical Imaging and Therapy. Theranostics, 2014, 4, 642-659.	10.0	61
35	Composite of silver nanoparticles and photosensitizer leads to mutual enhancement of antimicrobial efficacy and promotes wound healing. Chemical Engineering Journal, 2019, 374, 1373-1381.	12.7	61
36	A Molecular Combination of Zinc(II) Phthalocyanine and Tamoxifen Derivative for Dual Targeting Photodynamic Therapy and Hormone Therapy. Journal of Medicinal Chemistry, 2017, 60, 6693-6703.	6.4	60

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37	Both platelet- and endothelial cellâ€“derived ERp5 support thrombus formation in a laser-induced mouse model of thrombosis. Blood, 2015, 125, 2276-2285.	1.4	59
38	Structural Basis for Recognition of Urokinase-type Plasminogen Activator by Plasminogen Activator Inhibitor-1. Journal of Biological Chemistry, 2011, 286, 7027-7032.	3.4	58
39	The Crystal Structure of the Fifth Scavenger Receptor Cysteine-Rich Domain of Porcine CD163 Reveals an Important Residue Involved in Porcine Reproductive and Respiratory Syndrome Virus Infection. Journal of Virology, 2017, 91, .	3.4	58
40	6-Substituted Hexamethylene Amiloride (HMA) Derivatives as Potent and Selective Inhibitors of the Human Urokinase Plasminogen Activator for Use in Cancer. Journal of Medicinal Chemistry, 2018, 61, 8299-8320.	6.4	56
41	Zinc phthalocyanine conjugated with the amino-terminal fragment of urokinase for tumor-targeting photodynamic therapy. Acta Biomaterialia, 2014, 10, 4257-4268.	8.3	54
42	Structural basis of specificity of a peptidyl urokinase inhibitor, upain-1. Journal of Structural Biology, 2007, 160, 1-10.	2.8	52
43	Structure of catalytic domain of Matriptase in complex with Sunflower trypsin inhibitor-1. BMC Structural Biology, 2011, 11, 30.	2.3	51
44	Dissolutionâ€Enhanced Luminescent Bioassay Based on Inorganic Lanthanide Nanoparticles. Angewandte Chemie - International Edition, 2014, 53, 12498-12502.	13.8	48
45	A structural mechanism of flavonoids in inhibiting serine proteases. Food and Function, 2017, 8, 2437-2443.	4.6	46
46	Enhanced Photodynamic Efficacy of Zinc Phthalocyanine by Conjugating to Heptalysine. Bioconjugate Chemistry, 2012, 23, 2168-2172.	3.6	45
47	Crystal Structure of the Bovine Lactadherin C2 Domain, a Membrane Binding Motif, Shows Similarity to the C2 Domains of Factor V and Factor VIII. Journal of Molecular Biology, 2007, 371, 717-724.	4.2	44
48	Structural basis of transport of lysophospholipids by human serum albumin. Biochemical Journal, 2009, 423, 23-30.	3.7	43
49	Crystal Structure of the Urokinase Receptor in a Ligand-Free Form. Journal of Molecular Biology, 2012, 416, 629-641.	4.2	42
50	Crystal Structure of the Michaelis Complex between Tissue-type Plasminogen Activator and Plasminogen Activators Inhibitor-1. Journal of Biological Chemistry, 2015, 290, 25795-25804.	3.4	41
51	Pentalysine Î²â€Carbonylphthalocyanine Zinc: An Effective Tumorâ€Targeting Photosensitizer for Photodynamic Therapy. ChemMedChem, 2010, 5, 890-898.	3.2	40
52	An effective zinc phthalocyanine derivative for photodynamic antimicrobial chemotherapy. Journal of Luminescence, 2014, 152, 103-107.	3.1	40
53	Trp2313-His2315 of Factor VIII C2 Domain Is Involved in Membrane Binding. Journal of Biological Chemistry, 2010, 285, 8824-8829.	3.4	39
54	Rapid killing of bacteria by a new type of photosensitizer. Applied Microbiology and Biotechnology, 2017, 101, 4691-4700.	3.6	39

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55	Substituted zinc phthalocyanine as an antimicrobial photosensitizer for periodontitis treatment. Journal of Porphyrins and Phthalocyanines, 2011, 15, 293-299.	0.8	35
56	Structural Insight into Inactivation of Plasminogen Activator Inhibitor-1 by a Small-Molecule Antagonist. Chemistry and Biology, 2013, 20, 253-261.	6.0	34
57	Smart Photosensitizer: Tumor-Triggered Oncotherapy by Self-Assembly Photodynamic Nanodots. ACS Applied Materials & Interfaces, 2018, 10, 15369-15380.	8.0	34
58	Identification of a New Epitope in uPAR as a Target for the Cancer Therapeutic Monoclonal Antibody ATN-658, a Structural Homolog of the uPAR Binding Integrin CD11b (Î±M). PLoS ONE, 2014, 9, e85349.	2.5	34
59	Structural Basis for Therapeutic Intervention of uPA/uPAR System. Current Drug Targets, 2011, 12, 1729-1743.	2.1	33
60	Novel pH-Triggered Doxorubicin-Releasing Nanoparticles Self-Assembled by Functionalized Î²-Cyclodextrin and Amphiphilic Phthalocyanine for Anticancer Therapy. ACS Applied Materials & Interfaces, 2021, 13, 10674-10688.	8.0	33
61	Novel Interactions between Urokinase and Its Receptor. Journal of Biological Chemistry, 2000, 275, 24304-24312.	3.4	32
62	A Camelid-derived Antibody Fragment Targeting the Active Site of a Serine Protease Balances between Inhibitor and Substrate Behavior. Journal of Biological Chemistry, 2016, 291, 15156-15168.	3.4	32
63	Tumor-targeting photodynamic therapy based on folate-modified polydopamine nanoparticles . International Journal of Nanomedicine, 2019, Volume 14, 6799-6812.	6.7	32
64	Receptor-Targeting Phthalocyanine Photosensitizer for Improving Antitumor Photocytotoxicity. PLoS ONE, 2012, 7, e37051.	2.5	32
65	Crystal Structures of Matriptase in Complex with Its Inhibitor Hepatocyte Growth Factor Activator Inhibitor-1. Journal of Biological Chemistry, 2013, 288, 11155-11164.	3.4	30
66	Phthalocyanine-Biomolecule Conjugated Photosensitizers for Targeted Photodynamic Therapy and Imaging. Current Drug Metabolism, 2015, 16, 816-832.	1.2	30
67	Structure and Enzymatic Activities of Human Serum Albumin. Current Pharmaceutical Design, 2015, 21, 1831-1836.	1.9	29
68	Mimicry of the Regulatory Role of Urokinase in Lamellipodia Formation by Introduction of a Non-native Interdomain Disulfide Bond in Its Receptor. Journal of Biological Chemistry, 2011, 286, 43515-43526.	3.4	28
69	Dual antimicrobial actions on modified fabric leads to inactivation of drug-resistant bacteria. Dyes and Pigments, 2017, 140, 236-243.	3.7	28
70	Discovery of a novel conformational equilibrium in urokinase-type plasminogen activator. Scientific Reports, 2017, 7, 3385.	3.3	27
71	Photocyanine: A novel and effective phthalocyanine-based photosensitizer for cancer treatment. Journal of Innovative Optical Health Sciences, 2020, 13, .	1.0	26
72	Rezymogenation of active urokinase induced by an inhibitory antibody. Biochemical Journal, 2013, 449, 161-166.	3.7	25

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73	Stabilizing a Flexible Interdomain Hinge Region Harboring the SMB Binding Site Drives uPAR into Its Closed Conformation. Journal of Molecular Biology, 2015, 427, 1389-1403.	4.2	25
74	Photodynamic antimicrobial chemotherapy using zinc phthalocyanine derivatives in treatment of bacterial skin infection. Journal of Biomedical Optics, 2016, 21, 018001.	2.6	24
75	Serum Levels of Soluble Platelet Endothelial Cell Adhesion Molecule 1 in COVID-19 Patients Are Associated With Disease Severity. Journal of Infectious Diseases, 2021, 223, 178-179.	4.0	24
76	Structural Basis of Covalent Inhibitory Mechanism of TMPRSS2-Related Serine Proteases by Camostat. Journal of Virology, 2021, 95, e0086121.	3.4	24
77	Plasma levels of the active form of suPAR are associated with COVID-19 severity. Critical Care, 2020, 24, 704.	5.8	24
78	Spatioselective Fabrication of Highly Effective Antibacterial Layer by Surfaceâ€Anchored Discrete Metalâ€“Organic Frameworks. Advanced Materials Interfaces, 2015, 2, 1400405.	3.7	23
79	A specific plasminogen activator inhibitorâ€1 antagonist derived from inactivated urokinase. Journal of Cellular and Molecular Medicine, 2016, 20, 1851-1860.	3.6	23
80	Reâ€engineering the Immune Response to Metastatic Cancer: Antibodyâ€Recruiting Small Molecules Targeting the Urokinase Receptor. Angewandte Chemie, 2016, 128, 3706-3710.	2.0	23
81	Dissociation of zinc phthalocyanine aggregation on bacterial surface is key for photodynamic antimicrobial effect. Journal of Porphyrins and Phthalocyanines, 2018, 22, 925-934.	0.8	23
82	Nanoparticle Binding to Urokinase Receptor on Cancer Cell Surface Triggers Nanoparticle Disintegration and Cargo Release. Theranostics, 2019, 9, 884-899.	10.0	23
83	A Cyclic Peptidic Serine Protease Inhibitor: Increasing Affinity by Increasing Peptide Flexibility. PLoS ONE, 2014, 9, e115872.	2.5	22
84	A long-acting PAI-1 inhibitor reduces thrombus formation. Thrombosis and Haemostasis, 2017, 117, 1338-1347.	3.4	22
85	Molecular basis of rutin inhibition of protein disulfide isomerase (PDI) by combinedin silicoand experimental methods. RSC Advances, 2018, 8, 18480-18491.	3.6	22
86	Elucidation of the Contribution of Active Site and Exosite Interactions to Affinity and Specificity of Peptidylic Serine Protease Inhibitors Using Non-Natural Arginine Analogs. Molecular Pharmacology, 2011, 80, 585-597.	2.3	21
87	Heavy atom enhanced generation of singlet oxygen in novel indenofluorene-based two-photon absorbing chromophores for photodynamic therapy. Dyes and Pigments, 2015, 117, 7-15.	3.7	21
88	Structural basis of sequence-specific Holliday junction cleavage by MOC1. Nature Chemical Biology, 2019, 15, 1241-1248.	8.0	21
89	6-Substituted amiloride derivatives as inhibitors of the urokinase-type plasminogen activator for use in metastatic disease. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126753.	2.2	21
90	Improved therapeutic efficacy of quercetin-loaded polymeric nanoparticles on triple-negative breast cancer by inhibiting uPA. RSC Advances, 2020, 10, 34517-34526.	3.6	21

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91	Development of inhibitors for uPAR: blocking the interaction of uPAR with its partners. Drug Discovery Today, 2021, 26, 1076-1085.	6.4	21
92	Crystallization of soluble urokinase receptor (suPAR) in complex with urokinase amino-terminal fragment (1â€“143). Acta Crystallographica Section D: Biological Crystallography, 2005, 61, 697-700.	2.5	20
93	Interpreted Recognition Process: A Highly Sensitive and Selective Luminescence Chemosensor. Chemistry - A European Journal, 2015, 21, 11767-11772.	3.3	20
94	Phthalocyanine-based photosensitizer with tumor-pH-responsive properties for cancer theranostics. Journal of Materials Chemistry B, 2018, 6, 6080-6088.	5.8	20
95	An Anti-urokinase Plasminogen Activator Receptor (uPAR) Antibody: Crystal Structure and Binding Epitope. Journal of Molecular Biology, 2007, 365, 1117-1129.	4.2	19
96	X-ray sequence and crystal structure of luffaculin 1, a novel type 1 ribosome-inactivating protein. BMC Structural Biology, 2007, 7, 29.	2.3	17
97	Bicyclic Peptide Inhibitor of Urokinaseâ€Type Plasminogen Activator: Mode of Action. ChemBioChem, 2013, 14, 2179-2188.	2.6	17
98	Dual actions of albumin packaging and tumor targeting enhance the antitumor efficacy and reduce the cardiotoxicity of doxorubicin in vivo. International Journal of Nanomedicine, 2015, 10, 5327.	6.7	17
99	Small Molecules Engage Hot Spots through Cooperative Binding To Inhibit a Tight Proteinâ€“Protein Interaction. Biochemistry, 2017, 56, 1768-1784.	2.5	17
100	Novel pH-sensitive zinc phthalocyanine assembled with albumin for tumor targeting and treatment. International Journal of Nanomedicine, 2018, Volume 13, 7681-7695.	6.7	17
101	Household light source for potent photo-dynamic antimicrobial effect and wound healing in an infective animal model. Biomedical Optics Express, 2018, 9, 1006.	2.9	17
102	Crystal structure of a triacylglycerol lipase from Penicillium expansum at 1.3 Ã... determined by sulfur SAD. Proteins: Structure, Function and Bioinformatics, 2010, 78, 1601-1605.	2.6	16
103	Expression, purification and characterization of recombinant Jerdonitin, a P-II class snake venom metalloproteinase comprising metalloproteinase and disintegrin domains. Toxicon, 2010, 55, 375-380.	1.6	16
104	The Binding Mechanism of a Peptidic Cyclic Serine Protease Inhibitor. Journal of Molecular Biology, 2011, 412, 235-250.	4.2	16
105	Design of Specific Serine Protease Inhibitors Based on a Versatile Peptide Scaffold: Conversion of a Urokinase Inhibitor to a Plasma Kallikrein Inhibitor. Journal of Medicinal Chemistry, 2015, 58, 8868-8876.	6.4	16
106	A drug carrier targeting murine uPAR for photodynamic therapy and tumor imaging. Acta Biomaterialia, 2015, 23, 116-126.	8.3	16
107	An efficient synergistic cancer therapy by integrating cell cycle inhibitor and photosensitizer into polydopamine nanoparticles. Journal of Materials Chemistry B, 2018, 6, 2620-2629.	5.8	16
108	A fluorescent fatty acid probe, DAUDA, selectively displaces two myristates bound in human serum albumin. Protein Science, 2011, 20, 2095-2101.	7.6	15

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109	Photodynamic Oncotherapy Mediated by Gonadotropin-Releasing Hormone Receptors. Journal of Medicinal Chemistry, 2017, 60, 8667-8672.	6.4	15
110	Photo-triggered release of doxorubicin from liposomes formulated by amphiphilic phthalocyanines for combination therapy to enhance antitumor efficacy. Journal of Materials Chemistry B, 2020, 8, 8022-8036.	5.8	15
111	An open conformation of switch I revealed by Sar1-GDP crystal structure at low Mg2+. Biochemical and Biophysical Research Communications, 2006, 348, 908-915.	2.1	14
112	Targeting the autolysis loop of urokinase-type plasminogen activator with conformation-specific monoclonal antibodies. Biochemical Journal, 2011, 438, 39-51.	3.7	14
113	Multifunctional Nanoâ€Bioprobes Based on Rattleâ€Structured Upconverting Luminescent Nanoparticles. Angewandte Chemie, 2015, 127, 8026-8030.	2.0	14
114	Specifically targeting cancer proliferation and metastasis processes: the development of matriptase inhibitors. Cancer and Metastasis Reviews, 2019, 38, 507-524.	5.9	14
115	A general strategy to inhibit serine protease by targeting its autolysis loop. FASEB Journal, 2021, 35, e21259.	0.5	14
116	Detection of Active Matriptase Using a Biotinylated Chloromethyl Ketone Peptide. PLoS ONE, 2013, 8, e77146.	2.5	14
117	Purification and preliminary crystallographic analysis of a Penicillium expansum lipase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1752, 99-102.	2.3	13
118	Evaluation of Interactions between Urokinase Plasminogen and Inhibitors Using Molecular Dynamic Simulation and Free-Energy Calculation. Journal of Physical Chemistry A, 2014, 118, 9113-9119.	2.5	13
119	Mapping the topographic epitope landscape on the urokinase plasminogen activator receptor (uPAR) by surface plasmon resonance and X-ray crystallography. Data in Brief, 2015, 5, 107-113.	1.0	13
120	Probing the interactions of phthalocyanine-based photosensitizers with model phospholipid bilayer by molecular dynamics simulations. Journal of Porphyrins and Phthalocyanines, 2018, 22, 764-770.	0.8	13
121	Enhanced anti-microbial effect through cationization of a mono-triazatricyclodecane substituted asymmetric phthalocyanine. Journal of Inorganic Biochemistry, 2018, 189, 192-198.	3.5	13
122	Enhanced Antitumor Efficacy and Imaging Application of Photosensitizer-Formulated Paclitaxel. ACS Applied Materials & Interfaces, 2020, 12, 4221-4230.	8.0	13
123	Dual effects of quercetin on protein digestion and absorption in the digestive tract. Food Chemistry, 2021, 358, 129891.	8.2	13
124	Crystal structures of the ligand-binding region of uPARAP: effect of calcium ion binding. Biochemical Journal, 2016, 473, 2359-2368.	3.7	12
125	Insights into the binding mechanism of BODIPY-based photosensitizers to human serum albumin: A combined experimental and computational study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 158-165.	3.9	12
126	Halogen bonding for the design of inhibitors by targeting the S1 pocket of serine proteases. RSC Advances, 2018, 8, 28189-28197.	3.6	12

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127	Suppression of Tumor Growth and Metastases by Targeted Intervention in Urokinase Activity with Cyclic Peptides. Journal of Medicinal Chemistry, 2019, 62, 2172-2183.	6.4	12
128	Embelin ameliorated sepsis-induced disseminated intravascular coagulation intensities by simultaneously suppressing inflammation and thrombosis. Biomedicine and Pharmacotherapy, 2020, 130, 110528.	5.6	12
129	Potent inhibition of Severe Acute Respiratory Syndrome Coronavirus 2 by photosensitizers compounds. Dyes and Pigments, 2021, 194, 109570.	3.7	12
130	Protein expression and preliminary crystallographic analysis of amino-terminal fragment of urokinase-type plasminogen activator. Protein Expression and Purification, 2006, 49, 71-77.	1.3	11
131	Challenges for Drug Discovery - A Case Study of Urokinase Receptor Inhibition. Combinatorial Chemistry and High Throughput Screening, 2009, 12, 961-967.	1.1	11
132	Dimer conformation of soluble PECAM-1, an endothelial marker. International Journal of Biochemistry and Cell Biology, 2016, 77, 102-108.	2.8	11
133	Design, synthesis, and SAR of embelin analogues as the inhibitors of PAI-1 (plasminogen activator) Tj ETQq1 1 0.784314 rgBT /Overlo	2.2	10
134	An effective zinc phthalocyanine derivative against multidrug-resistant bacterial infection. Journal of Porphyrins and Phthalocyanines, 2017, 21, 205-210.	0.8	10
135	The crystal structure of a multidomain protease inhibitor (HAI-1) reveals the mechanism of its auto-inhibition. Journal of Biological Chemistry, 2017, 292, 8412-8423.	3.4	10
136	Structural Principles in the Development of Cyclic Peptidic Enzyme Inhibitors. International Journal of Biological Sciences, 2017, 13, 1222-1233.	6.4	10
137	A novel purification procedure for recombinant human serum albumin expressed in Pichia pastoris. Protein Expression and Purification, 2018, 149, 37-42.	1.3	10
138	Effects of hydroxyl radicals produced by a zinc phthalocyanine photosensitizer on tumor DNA. Dyes and Pigments, 2020, 173, 107894.	3.7	10
139	Identification and biophysical assessment of the molecular recognition mechanisms between the human haemopoietic cell kinase Src homology domain 3 and ALG-2-interacting protein X. Biochemical Journal, 2010, 431, 93-102.	3.7	9
140	Structural recognition mechanisms between human Src homology domain 3 (SH3) and ALGâ€2â€interacting protein X (Alix). FEBS Letters, 2012, 586, 1759-1764.	2.8	9
141	Selection of High-Affinity Peptidic Serine Protease Inhibitors with Increased Binding Entropy from a Back-Flip Library of Peptideâ€“Protease Fusions. Journal of Molecular Biology, 2015, 427, 3110-3122.	4.2	9
142	Tumor Targeting Chemo- and Photodynamic Therapy Packaged in Albumin for Enhanced Anti-Tumor Efficacy . International Journal of Nanomedicine, 2020, Volume 15, 151-167.	6.7	9
143	A strategy for enhanced tumor targeting of photodynamic therapy based on Escherichia coli-driven drug delivery system. Science China Materials, 2021, 64, 232-240.	6.3	9
144	Using porphyrins as albumin-binding molecules to enhance antitumor efficacies and reduce systemic toxicities of antimicrobial peptides. European Journal of Medicinal Chemistry, 2021, 217, 113382.	5.5	9

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145	Unveiling the molecular mechanism of pH-dependent interactions of human serum albumin with chemotherapeutic agent doxorubicin: A combined spectroscopic and constant-pH molecular dynamics study. Journal of Molecular Liquids, 2021, 333, 115949.	4.9	9
146	Urokinase-type Plasminogen Activator-like Proteases in Teleosts Lack Genuine Receptor-binding Epidermal Growth Factor-like Domains. Journal of Biological Chemistry, 2012, 287, 27526-27536.	3.4	8
147	An ELISA method detecting the active form of suPAR. Talanta, 2016, 160, 205-210.	5.5	8
148	A Perspective on Reagent Diversity and Non-covalent Binding of Reactive Carbonyl Species (RCS) and Effector Reagents in Non-enzymatic Glycation (NEG): Mechanistic Considerations and Implications for Future Research. Frontiers in Chemistry, 2017, 5, 39.	3.6	8
149	A novel ELISA for the detection of active form of plasminogen activator inhibitor-1 based on a highly specific trapping agent. Analytica Chimica Acta, 2019, 1053, 98-104.	5.4	8
150	tPA Point Mutation at Autolysis Loop Enhances Resistance to PAI-1 Inhibition and Catalytic Activity. Thrombosis and Haemostasis, 2019, 119, 077-086.	3.4	8
151	Suppression of cancer proliferation and metastasis by a versatile nanomedicine integrating photodynamic therapy, photothermal therapy, and enzyme inhibition. Acta Biomaterialia, 2020, 113, 541-553.	8.3	8
152	Naftifine enhances photodynamic therapy against Staphylococcus aureus by inhibiting staphyloxanthin expression. Dyes and Pigments, 2020, 179, 108392.	3.7	8
153	Plasminogen activator inhibitor (PAI) trap3, an exocellular peptide inhibitor of PAI-1, attenuates the rearrangement of F-actin and migration of cancer cells. Experimental Cell Research, 2020, 391, 111987.	2.6	8
154	Crystal structure and cellular functions of uPAR dimer. Nature Communications, 2022, 13, 1665.	12.8	8
155	Flavonoids as Protein Disulfide Isomerase Inhibitors: Key Molecular and Structural Features for the Interaction. Journal of Agricultural and Food Chemistry, 2022, 70, 4475-4483.	5.2	8
156	Inhibition of the Citrus Canker Pathogen Using a Photosensitizer Assisted by Sunlight Irradiation. Frontiers in Microbiology, 2020, 11, 571691.	3.5	7
157	Regulation of <scp>proâ€ïf^K</scp> activation: a key checkpoint in Bacillus subtilis sporulation. Environmental Microbiology, 2021, 23, 2366-2373.	3.8	7
158	Functionalized zinc oxide microparticles for improving the antimicrobial effects of skin-care products and wound-care medicines. , 2022, 135, 212728.		7
159	Orally delivered rutin in lipid-based nano-formulation exerts strong antithrombotic effects by protein disulfide isomerase inhibition. Drug Delivery, 2022, 29, 1824-1835.	5.7	7
160	Insights into the serine protease mechanism based on structural observations of the conversion of a peptidyl serine protease inhibitor to a substrate. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 599-606.	2.4	6
161	A series of photosensitizers with incremental positive electric charges for photodynamic antitumor therapy. RSC Advances, 2019, 9, 24560-24567.	3.6	6
162	Expression and purification of recombinant serine protease domain of human coagulation factor XII in Pichia pastoris. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1815-1821.	1.3	6

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