

# Mingdong Huang

## List of Publications by Citations

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195  
papers

6,635  
citations

40  
h-index

75  
g-index

208  
ext. papers

7,449  
ext. citations

6.1  
avg, IF

5.61  
L-index

#	Paper	IF	Citations
195	Structural basis of plasticity in T cell receptor recognition of a self peptide-MHC antigen. <i>Science</i> , <b>1998</b> , 279, 1166-72	33.3	595
194	Lanthanide-doped LiLuF <sub>4</sub> upconversion nanoprobcs for the detection of disease biomarkers. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1252-7	16.4	357
193	Amine-functionalized lanthanide-doped KGdF <sub>4</sub> nanocrystals as potential optical/magnetic multimodal bioprobes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 1323-30	16.4	353
192	Structure of human urokinase plasminogen activator in complex with its receptor. <i>Science</i> , <b>2006</b> , 311, 656-9	33.3	242
191	Amine-functionalized lanthanide-doped zirconia nanoparticles: optical spectroscopy, time-resolved fluorescence resonance energy transfer biodetection, and targeted imaging. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 15083-90	16.4	203
190	Roles for glycosylation of cell surface receptors involved in cellular immune recognition. <i>Journal of Molecular Biology</i> , <b>1999</b> , 293, 351-66	6.5	203
189	Crystal structure of human factor VIII: implications for the formation of the factor IXa-factor VIIIa complex. <i>Structure</i> , <b>2008</b> , 16, 597-606	5.2	185
188	Structural basis of membrane binding by Gla domains of vitamin K-dependent proteins. <i>Nature Structural and Molecular Biology</i> , <b>2003</b> , 10, 751-6	17.6	180
187	Sub-10 nm lanthanide-doped CaF <sub>2</sub> nanoprobcs for time-resolved luminescent biodetection. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 6671-6	16.4	168
186	Effect of human serum albumin on drug metabolism: structural evidence of esterase activity of human serum albumin. <i>Journal of Structural Biology</i> , <b>2007</b> , 157, 348-55	3.4	149
185	Multifunctional Nano-Bioprobes Based on Rattle-Structured Upconverting Luminescent Nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 7915-9	16.4	136
184	Crystal structure of Sar1-GDP at 1.7 Å resolution and the role of the NH <sub>2</sub> terminus in ER export. <i>Journal of Cell Biology</i> , <b>2001</b> , 155, 937-48	7.3	133
183	Lanthanide-doped upconversion nanoparticles electrostatically coupled with photosensitizers for near-infrared-triggered photodynamic therapy. <i>Nanoscale</i> , <b>2014</b> , 6, 8274-82	7.7	121
182	The mechanism of an inhibitory antibody on TF-initiated blood coagulation revealed by the crystal structures of human tissue factor, Fab 5G9 and TF.G9 complex. <i>Journal of Molecular Biology</i> , <b>1998</b> , 275, 873-94	6.5	105
181	Protein disulfide isomerase capture during thrombus formation in vivo depends on the presence of β integrins. <i>Blood</i> , <b>2012</b> , 120, 647-55	2.2	100
180	Crystal structures of two human vitronectin, urokinase and urokinase receptor complexes. <i>Nature Structural and Molecular Biology</i> , <b>2008</b> , 15, 422-3	17.6	95
179	Lanthanide-doped luminescent nano-bioprobes for the detection of tumor markers. <i>Nanoscale</i> , <b>2015</b> , 7, 4274-90	7.7	93

178	A new drug binding subsite on human serum albumin and drug-drug interaction studied by X-ray crystallography. <i>Journal of Structural Biology</i> , <b>2008</b> , 162, 40-9	3.4	93
177	Structural mechanism of ring-opening reaction of glucose by human serum albumin. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 15980-7	5.4	77
176	A new type of dye-sensitized solar cell with a multilayered photoanode prepared by a film-transfer technique. <i>Advanced Materials</i> , <b>2011</b> , 23, 2764-8	24	73
175	Lanthanide-doped NaScF <sub>4</sub> nanoprobe: crystal structure, optical spectroscopy and biodetection. <i>Nanoscale</i> , <b>2013</b> , 5, 6430-8	7.7	70
174	Derivatizable phthalocyanine with single carboxyl group: Synthesis and purification. <i>Inorganic Chemistry Communication</i> , <b>2006</b> , 9, 313-315	3.1	70
173	A substrate-driven allosteric switch that enhances PDI catalytic activity. <i>Nature Communications</i> , <b>2016</b> , 7, 12579	17.4	69
172	Structural evidence of perfluorooctane sulfonate transport by human serum albumin. <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 990-2	4	66
171	Near-infrared-triggered antibacterial and antifungal photodynamic therapy based on lanthanide-doped upconversion nanoparticles. <i>Nanoscale</i> , <b>2018</b> , 10, 15485-15495	7.7	65
170	Structure-based engineering of species selectivity in the interaction between urokinase and its receptor: implication for preclinical cancer therapy. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 10982-92	5.4	64
169	Sub-5 nm lanthanide-doped lutetium oxyfluoride nanoprobe for ultrasensitive detection of prostate specific antigen. <i>Chemical Science</i> , <b>2016</b> , 7, 2572-2578	9.4	63
168	Parmodulins inhibit thrombus formation without inducing endothelial injury caused by vorapaxar. <i>Blood</i> , <b>2015</b> , 125, 1976-85	2.2	58
167	Quercetin-3-rutinoside Inhibits Protein Disulfide Isomerase by Binding to Its b5x Domain. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 23543-52	5.4	57
166	Crystal structure of the calcium-stabilized human factor IX Gla domain bound to a conformation-specific anti-factor IX antibody. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 14338-46	5.4	57
165	Be Active or Not: the Relative Contribution of Active and Passive Tumor Targeting of Nanomaterials. <i>Nanotheranostics</i> , <b>2017</b> , 1, 346-357	5.6	56
164	A novel tumor targeting drug carrier for optical imaging and therapy. <i>Theranostics</i> , <b>2014</b> , 4, 642-59	12.1	54
163	Both platelet- and endothelial cell-derived ERp5 support thrombus formation in a laser-induced mouse model of thrombosis. <i>Blood</i> , <b>2015</b> , 125, 2276-85	2.2	51
162	Structural basis for recognition of urokinase-type plasminogen activator by plasminogen activator inhibitor-1. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 7027-32	5.4	51
161	Zinc phthalocyanine conjugated with the amino-terminal fragment of urokinase for tumor-targeting photodynamic therapy. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 4257-68	10.8	49

160	Structural basis of specificity of a peptidyl urokinase inhibitor, upain-1. <i>Journal of Structural Biology</i> , <b>2007</b> , 160, 1-10	3.4	45
159	Structure of catalytic domain of Matriptase in complex with Sunflower trypsin inhibitor-1. <i>BMC Structural Biology</i> , <b>2011</b> , 11, 30	2.7	44
158	Re-engineering the Immune Response to Metastatic Cancer: Antibody-Recruiting Small Molecules Targeting the Urokinase Receptor. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3642-6	16.4	43
157	Crystal structure of the urokinase receptor in a ligand-free form. <i>Journal of Molecular Biology</i> , <b>2012</b> , 416, 629-41	6.5	41
156	A Molecular Combination of Zinc(II) Phthalocyanine and Tamoxifen Derivative for Dual Targeting Photodynamic Therapy and Hormone Therapy. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 6693-6703	8.3	40
155	Sub-10 nm Lanthanide-Doped CaF <sub>2</sub> Nanoprobes for Time-Resolved Luminescent Biodetection. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 6803-6808	3.6	37
154	Enhanced photodynamic efficacy of zinc phthalocyanine by conjugating to heptalysine. <i>Bioconjugate Chemistry</i> , <b>2012</b> , 23, 2168-72	6.3	37
153	Crystal structure of the bovine lactadherin C2 domain, a membrane binding motif, shows similarity to the C2 domains of factor V and factor VIII. <i>Journal of Molecular Biology</i> , <b>2007</b> , 371, 717-24	6.5	37
152	An effective zinc phthalocyanine derivative for photodynamic antimicrobial chemotherapy. <i>Journal of Luminescence</i> , <b>2014</b> , 152, 103-107	3.8	36
151	Structural basis of transport of lysophospholipids by human serum albumin. <i>Biochemical Journal</i> , <b>2009</b> , 423, 23-30	3.8	36
150	Pentalysine beta-carbonylphthalocyanine zinc: an effective tumor-targeting photosensitizer for photodynamic therapy. <i>ChemMedChem</i> , <b>2010</b> , 5, 890-8	3.7	36
149	Therapeutics targeting the fibrinolytic system. <i>Experimental and Molecular Medicine</i> , <b>2020</b> , 52, 367-379	12.8	34
148	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. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	33
147	6-Substituted Hexamethylene Amiloride (HMA) Derivatives as Potent and Selective Inhibitors of the Human Urokinase Plasminogen Activator for Use in Cancer. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 8299-8320	8.3	32
146	Trp2313-His2315 of factor VIII C2 domain is involved in membrane binding: structure of a complex between the C2 domain and an inhibitor of membrane binding. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 8824-9	5.4	32
145	Dissolution-enhanced luminescent bioassay based on inorganic lanthanide nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 12498-502	16.4	30
144	Lanthanide-Doped LiLuF <sub>4</sub> Upconversion Nanoprobes for the Detection of Disease Biomarkers. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1276-1281	3.6	30
143	Rapid killing of bacteria by a new type of photosensitizer. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 4691-4700	5.7	29

142	Crystal Structure of the Michaelis Complex between Tissue-type Plasminogen Activator and Plasminogen Activators Inhibitor-1. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 25795-804	5.4	28
141	Structural insight into inactivation of plasminogen activator inhibitor-1 by a small-molecule antagonist. <i>Chemistry and Biology</i> , <b>2013</b> , 20, 253-61		28
140	Crystal structures of matriptase in complex with its inhibitor hepatocyte growth factor activator inhibitor-1. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 11155-64	5.4	28
139	A structural mechanism of flavonoids in inhibiting serine proteases. <i>Food and Function</i> , <b>2017</b> , 8, 2437-2443	4.31	27
138	Structural basis for therapeutic intervention of uPA/uPAR system. <i>Current Drug Targets</i> , <b>2011</b> , 12, 1729-43	3	27
137	Mimicry of the regulatory role of urokinase in lamellipodia formation by introduction of a non-native interdomain disulfide bond in its receptor. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 43515-26	5.4	27
136	Novel interactions between urokinase and its receptor. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 24304-12	4.12	27
135	Substituted zinc phthalocyanine as an antimicrobial photosensitizer for periodontitis treatment. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2011</b> , 15, 293-299	1.8	26
134	Receptor-targeting phthalocyanine photosensitizer for improving antitumor photocytotoxicity. <i>PLoS ONE</i> , <b>2012</b> , 7, e37051	3.7	26
133	A Camelid-derived Antibody Fragment Targeting the Active Site of a Serine Protease Balances between Inhibitor and Substrate Behavior. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 15156-68	5.4	26
132	Composite of silver nanoparticles and photosensitizer leads to mutual enhancement of antimicrobial efficacy and promotes wound healing. <i>Chemical Engineering Journal</i> , <b>2019</b> , 374, 1373-1381	14.7	24
131	Phthalocyanine-Biomolecule Conjugated Photosensitizers for Targeted Photodynamic Therapy and Imaging. <i>Current Drug Metabolism</i> , <b>2015</b> , 16, 816-32	3.5	24
130	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 (M). <i>PLoS ONE</i> , <b>2014</b> , 9, e85349	3.7	24
129	Dual antimicrobial actions on modified fabric leads to inactivation of drug-resistant bacteria. <i>Dyes and Pigments</i> , <b>2017</b> , 140, 236-243	4.6	22
128	Discovery of a novel conformational equilibrium in urokinase-type plasminogen activator. <i>Scientific Reports</i> , <b>2017</b> , 7, 3385	4.9	22
127	Tumor-targeting photodynamic therapy based on folate-modified polydopamine nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 6799-6812	7.3	22
126	Stabilizing a flexible interdomain hinge region harboring the SMB binding site drives uPAR into its closed conformation. <i>Journal of Molecular Biology</i> , <b>2015</b> , 427, 1389-1403	6.5	22
125	Photodynamic antimicrobial chemotherapy using zinc phthalocyanine derivatives in treatment of bacterial skin infection. <i>Journal of Biomedical Optics</i> , <b>2016</b> , 21, 18001	3.5	21

124	A long-acting PAI-1 inhibitor reduces thrombus formation. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 1338-1347	13.47	20
123	Smart Photosensitizer: Tumor-Triggered Oncotherapy by Self-Assembly Photodynamic Nanodots. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 15369-15380	9.5	20
122	Rezymogenation of active urokinase induced by an inhibitory antibody. <i>Biochemical Journal</i> , <b>2013</b> , 449, 161-6	3.8	20
121	Elucidation of the contribution of active site and exosite interactions to affinity and specificity of peptidyl serine protease inhibitors using non-natural arginine analogs. <i>Molecular Pharmacology</i> , <b>2011</b> , 80, 585-97	4.3	20
120	A specific plasminogen activator inhibitor-1 antagonist derived from inactivated urokinase. <i>Journal of Cellular and Molecular Medicine</i> , <b>2016</b> , 20, 1851-60	5.6	20
119	Structure and enzymatic activities of human serum albumin. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 1831-6	3.3	19
118	Interpreted Recognition Process: A Highly Sensitive and Selective Luminescence Chemosensor. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 11767-72	4.8	18
117	A cyclic peptidic serine protease inhibitor: increasing affinity by increasing peptide flexibility. <i>PLoS ONE</i> , <b>2014</b> , 9, e115872	3.7	18
116	An anti-urokinase plasminogen activator receptor (uPAR) antibody: crystal structure and binding epitope. <i>Journal of Molecular Biology</i> , <b>2007</b> , 365, 1117-29	6.5	18
115	Nanoparticle Binding to Urokinase Receptor on Cancer Cell Surface Triggers Nanoparticle Disintegration and Cargo Release. <i>Theranostics</i> , <b>2019</b> , 9, 884-899	12.1	17
114	Photocyanine: A novel and effective phthalocyanine-based photosensitizer for cancer treatment. <i>Journal of Innovative Optical Health Sciences</i> , <b>2020</b> , 13, 2030009	1.2	17
113	Dissociation of zinc phthalocyanine aggregation on bacterial surface is key for photodynamic antimicrobial effect. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2018</b> , 22, 925-934	1.8	17
112	Spatioselective Fabrication of Highly Effective Antibacterial Layer by Surface-Anchored Discrete Metal-Organic Frameworks. <i>Advanced Materials Interfaces</i> , <b>2015</b> , 2, 1400405	4.6	16
111	Design of Specific Serine Protease Inhibitors Based on a Versatile Peptide Scaffold: Conversion of a Urokinase Inhibitor to a Plasma Kallikrein Inhibitor. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 8868-76	8.3	16
110	Bicyclic peptide inhibitor of urokinase-type plasminogen activator: mode of action. <i>ChemBioChem</i> , <b>2013</b> , 14, 2179-88	3.8	16
109	Novel pH-sensitive zinc phthalocyanine assembled with albumin for tumor targeting and treatment. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 7681-7695	7.3	16
108	Re-engineering the Immune Response to Metastatic Cancer: Antibody-Recruiting Small Molecules Targeting the Urokinase Receptor. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3706-3710	3.6	15
107	Dual actions of albumin packaging and tumor targeting enhance the antitumor efficacy and reduce the cardiotoxicity of doxorubicin in vivo. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 5327-42	7.3	15

106	Heavy atom enhanced generation of singlet oxygen in novel indenofluorene-based two-photon absorbing chromophores for photodynamic therapy. <i>Dyes and Pigments</i> , <b>2015</b> , 117, 7-15	4.6	15
105	The binding mechanism of a peptidic cyclic serine protease inhibitor. <i>Journal of Molecular Biology</i> , <b>2011</b> , 412, 235-50	6.5	15
104	X-ray sequence and crystal structure of luffaculin 1, a novel type 1 ribosome-inactivating protein. <i>BMC Structural Biology</i> , <b>2007</b> , 7, 29	2.7	15
103	Small Molecules Engage Hot Spots through Cooperative Binding To Inhibit a Tight Protein-Protein Interaction. <i>Biochemistry</i> , <b>2017</b> , 56, 1768-1784	3.2	14
102	Targeting the autolysis loop of urokinase-type plasminogen activator with conformation-specific monoclonal antibodies. <i>Biochemical Journal</i> , <b>2011</b> , 438, 39-51	3.8	14
101	A fluorescent fatty acid probe, DAUDA, selectively displaces two myristates bound in human serum albumin. <i>Protein Science</i> , <b>2011</b> , 20, 2095-101	6.3	14
100	Detection of active matriptase using a biotinylated chloromethyl ketone peptide. <i>PLoS ONE</i> , <b>2013</b> , 8, e77146	3.7	14
99	Photodynamic Oncotherapy Mediated by Gonadotropin-Releasing Hormone Receptors. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 8667-8672	8.3	13
98	Multifunctional Nano-Bioprobes Based on Rattle-Structured Upconverting Luminescent Nanoparticles. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8026-8030	3.6	13
97	Crystal structure of a triacylglycerol lipase from <i>Penicillium expansum</i> at 1.3 Å determined by sulfur SAD. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2010</b> , 78, 1601-5	4.2	13
96	An open conformation of switch I revealed by Sar1-GDP crystal structure at low Mg <sup>2+</sup> . <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 348, 908-15	3.4	13
95	Crystallization of soluble urokinase receptor (suPAR) in complex with urokinase amino-terminal fragment (1-143). <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2005</b> , 61, 697-700		13
94	Serum Levels of Soluble Platelet Endothelial Cell Adhesion Molecule 1 in COVID-19 Patients Are Associated With Disease Severity. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 178-179	7	13
93	Phthalocyanine-based photosensitizer with tumor-pH-responsive properties for cancer theranostics. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 6080-6088	7.3	13
92	A drug carrier targeting murine uPAR for photodynamic therapy and tumor imaging. <i>Acta Biomaterialia</i> , <b>2015</b> , 23, 116-126	10.8	12
91	Household light source for potent photo-dynamic antimicrobial effect and wound healing in an infective animal model. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 1006-1019	3.5	12
90	Dissolution-Enhanced Luminescent Bioassay Based on Inorganic Lanthanide Nanoparticles. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 12706-12710	3.6	12
89	Expression, purification and characterization of recombinant Jerdonitin, a P-II class snake venom metalloproteinase comprising metalloproteinase and disintegrin domains. <i>Toxicon</i> , <b>2010</b> , 55, 375-80	2.8	12



88	Development of inhibitors for uPAR: blocking the interaction of uPAR with its partners. <i>Drug Discovery Today</i> , <b>2021</b> , 26, 1076-1085	8.8	12
87	Specifically targeting cancer proliferation and metastasis processes: the development of matriptase inhibitors. <i>Cancer and Metastasis Reviews</i> , <b>2019</b> , 38, 507-524	9.6	11
86	Protein expression and preliminary crystallographic analysis of amino-terminal fragment of urokinase-type plasminogen activator. <i>Protein Expression and Purification</i> , <b>2006</b> , 49, 71-7	2	11
85	Purification and preliminary crystallographic analysis of a <i>Penicillium expansum</i> lipase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2005</b> , 1752, 99-102	4	11
84	Structural basis of sequence-specific Holliday junction cleavage by MOC1. <i>Nature Chemical Biology</i> , <b>2019</b> , 15, 1241-1248	11.7	10
83	6-Substituted amiloride derivatives as inhibitors of the urokinase-type plasminogen activator for use in metastatic disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 126753	2.9	10
82	Crystal structures of the ligand-binding region of uPARAP: effect of calcium ion binding. <i>Biochemical Journal</i> , <b>2016</b> , 473, 2359-68	3.8	10
81	An effective zinc phthalocyanine derivative against multidrug-resistant bacterial infection. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2017</b> , 21, 205-210	1.8	9
80	Mapping the topographic epitope landscape on the urokinase plasminogen activator receptor (uPAR) by surface plasmon resonance and X-ray crystallography. <i>Data in Brief</i> , <b>2015</b> , 5, 107-13	1.2	9
79	Selection of High-Affinity Peptidic Serine Protease Inhibitors with Increased Binding Entropy from a Back-Flip Library of Peptide-Protease Fusions. <i>Journal of Molecular Biology</i> , <b>2015</b> , 427, 3110-22	6.5	9
78	An efficient synergistic cancer therapy by integrating cell cycle inhibitor and photosensitizer into polydopamine nanoparticles. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 2620-2629	7.3	9
77	Probing the interactions of phthalocyanine-based photosensitizers with model phospholipid bilayer by molecular dynamics simulations. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2018</b> , 22, 764-770	1.8	9
76	Evaluation of interactions between urokinase plasminogen and inhibitors using molecular dynamic simulation and free-energy calculation. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 9113-9	2.8	9
75	Design, synthesis, and SAR of embelin analogues as the inhibitors of PAI-1 (plasminogen activator inhibitor-1). <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 2379-82	2.9	9
74	Novel pH-Triggered Doxorubicin-Releasing Nanoparticles Self-Assembled by Functionalized $\beta$ -Cyclodextrin and Amphiphilic Phthalocyanine for Anticancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 10674-10688	9.5	9
73	Enhanced anti-microbial effect through cationization of a mono-triazatricyclodecane substituted asymmetric phthalocyanine. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 189, 192-198	4.2	9
72	Suppression of Tumor Growth and Metastases by Targeted Intervention in Urokinase Activity with Cyclic Peptides. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 2172-2183	8.3	8
71	Structural Principles in the Development of Cyclic Peptidic Enzyme Inhibitors. <i>International Journal of Biological Sciences</i> , <b>2017</b> , 13, 1222-1233	11.2	8



70	A novel purification procedure for recombinant human serum albumin expressed in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , <b>2018</b> , 149, 37-42	2	8
69	Dimer conformation of soluble PECAM-1, an endothelial marker. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2016</b> , 77, 102-108	5.6	8
68	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. <i>Frontiers in Chemistry</i> , <b>2017</b> , 5, 39	5	8
67	Challenges for drug discovery - a case study of urokinase receptor inhibition. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2009</b> , 12, 961-7	1.3	8
66	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. <i>Biochemical Journal</i> , <b>2010</b> , 431, 93-102	3.8	8
65	Plasma levels of the active form of suPAR are associated with COVID-19 severity. <i>Critical Care</i> , <b>2020</b> , 24, 704	10.8	8
64	The crystal structure of a multidomain protease inhibitor (HAI-1) reveals the mechanism of its auto-inhibition. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 8412-8423	5.4	7
63	Tumor Targeting Chemo- and Photodynamic Therapy Packaged in Albumin for Enhanced Anti-Tumor Efficacy. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 151-167	7.3	7
62	Halogen bonding for the design of inhibitors by targeting the S1 pocket of serine proteases.. <i>RSC Advances</i> , <b>2018</b> , 8, 28189-28197	3.7	7
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