

Shengfu Chen

List of Publications by Year in descending order

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130
papers

14,511
citations

30047

54
h-index

18633

119
g-index

137
all docs

137
docs citations

137
times ranked

12153
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyamide membranes with nanoscale Turing structures for water purification. <i>Science</i> , 2018, 360, 518-521.	6.0	996
2	Strong Resistance of Phosphorylcholine Self-Assembled Monolayers to Protein Adsorption: Insights into Nonfouling Properties of Zwitterionic Materials. <i>Journal of the American Chemical Society</i> , 2005, 127, 14473-14478.	6.6	918
3	Zwitterionic Polymers Exhibiting High Resistance to Nonspecific Protein Adsorption from Human Serum and Plasma. <i>Biomacromolecules</i> , 2008, 9, 1357-1361.	2.6	712
4	Inhibition of bacterial adhesion and biofilm formation on zwitterionic surfaces. <i>Biomaterials</i> , 2007, 28, 4192-4199.	5.7	640
5	Superlow Fouling Sulfobetaine and Carboxybetaine Polymers on Glass Slides. <i>Langmuir</i> , 2006, 22, 10072-10077.	1.6	601
6	Surface Grafted Sulfobetaine Polymers via Atom Transfer Radical Polymerization as Superlow Fouling Coatings. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10799-10804.	1.2	497
7	Zwitterionic carboxybetaine polymer surfaces and their resistance to long-term biofilm formation. <i>Biomaterials</i> , 2009, 30, 5234-5240.	5.7	465
8	Protein Adsorption on Oligo(ethylene glycol)-Terminated Alkanethiolate Self-Assembled Monolayers: The Molecular Basis for Nonfouling Behavior. <i>Journal of Physical Chemistry B</i> , 2005, 109, 2934-2941.	1.2	461
9	Dual-Functional Biomimetic Materials: Nonfouling Poly(carboxybetaine) with Active Functional Groups for Protein Immobilization. <i>Biomacromolecules</i> , 2006, 7, 3311-3315.	2.6	430
10	Blood compatibility of surfaces with superlow protein adsorption. <i>Biomaterials</i> , 2008, 29, 4285-4291.	5.7	424
11	A Switchable Biocompatible Polymer Surface with Self-Sterilizing and Nonfouling Capabilities. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8831-8834.	7.2	325
12	Molecular Simulation Studies of Protein Interactions with Zwitterionic Phosphorylcholine Self-Assembled Monolayers in the Presence of Water. <i>Langmuir</i> , 2008, 24, 10358-10364.	1.6	319
13	Investigation of the Hydration of Nonfouling Material Poly(sulfobetaine methacrylate) by Low-Field Nuclear Magnetic Resonance. <i>Langmuir</i> , 2012, 28, 7436-7441.	1.6	308
14	Spectral surface plasmon resonance biosensor for detection of staphylococcal enterotoxin B in milk. <i>International Journal of Food Microbiology</i> , 2002, 75, 61-69.	2.1	301
15	Highly Protein-Resistant Coatings from Well-Defined Diblock Copolymers Containing Sulfobetaines. <i>Langmuir</i> , 2006, 22, 2222-2226.	1.6	284
16	Quantitative and simultaneous detection of four foodborne bacterial pathogens with a multi-channel SPR sensor. <i>Biosensors and Bioelectronics</i> , 2006, 22, 752-758.	5.3	274
17	Ultra-low fouling peptide surfaces derived from natural amino acids. <i>Biomaterials</i> , 2009, 30, 5892-5896.	5.7	265
18	Controlling Antibody Orientation on Charged Self-Assembled Monolayers. <i>Langmuir</i> , 2003, 19, 2859-2864.	1.6	232

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19	Ultra low fouling zwitterionic polymers with a biomimetic adhesive group. <i>Biomaterials</i> , 2008, 29, 4592-4597.	5.7	231
20	Improved Method for the Preparation of Carboxylic Acid and Amine Terminated Self-Assembled Monolayers of Alkanethiolates. <i>Langmuir</i> , 2005, 21, 2633-2636.	1.6	230
21	Film Thickness Dependence of Protein Adsorption from Blood Serum and Plasma onto Poly(sulfobetaine)-Grafted Surfaces. <i>Langmuir</i> , 2008, 24, 9211-9214.	1.6	220
22	Strong Resistance of a Thin Crystalline Layer of Balanced Charged Groups to Protein Adsorption. <i>Langmuir</i> , 2006, 22, 8186-8191.	1.6	211
23	Protein interactions with oligo(ethylene glycol) (OEG) self-assembled monolayers: OEG stability, surface packing density and protein adsorption. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 1415-1427.	1.9	170
24	Nonfouling Polymer Brushes via Surface-Initiated, Two-Component Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2008, 41, 4216-4219.	2.2	170
25	Seawater desalination technology and engineering in China: A review. <i>Desalination</i> , 2021, 498, 114728.	4.0	163
26	Binding characteristics between polyethylene glycol (PEG) and proteins in aqueous solution. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2983.	2.9	149
27	DNA Directed Protein Immobilization on Mixed ssDNA/Oligo(ethylene glycol) Self-Assembled Monolayers for Sensitive Biosensors. <i>Analytical Chemistry</i> , 2004, 76, 6967-6972.	3.2	148
28	Controlled Chemical and Structural Properties of Mixed Self-Assembled Monolayers of Alkanethiols on Au(111). <i>Langmuir</i> , 2000, 16, 9287-9293.	1.6	133
29	Development of Biocompatible Interpenetrating Polymer Networks Containing a Sulfobetaine-Based Polymer and a Segmented Polyurethane for Protein Resistance. <i>Biomacromolecules</i> , 2007, 8, 122-127.	2.6	132
30	DNA-Directed Protein Immobilization on Mixed Self-Assembled Monolayers via a Streptavidin Bridge. <i>Langmuir</i> , 2004, 20, 8090-8095.	1.6	130
31	Orientation of Adsorbed Antibodies on Charged Surfaces by Computer Simulation Based on a United-Residue Model. <i>Langmuir</i> , 2003, 19, 3472-3478.	1.6	129
32	Investigation of the Hydration of Nonfouling Material Poly(ethylene glycol) by Low-Field Nuclear Magnetic Resonance. <i>Langmuir</i> , 2012, 28, 2137-2144.	1.6	126
33	DNA-Directed Protein Immobilization for Simultaneous Detection of Multiple Analytes by Surface Plasmon Resonance Biosensor. <i>Analytical Chemistry</i> , 2006, 78, 1515-1519.	3.2	124
34	Surface functionalization for self-referencing surface plasmon resonance (SPR) biosensors by multi-step self-assembly. <i>Sensors and Actuators B: Chemical</i> , 2003, 90, 22-30.	4.0	116
35	Origin of repulsive force and structure/dynamics of interfacial water in OEG-protein interactions: a molecular simulation study. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 5539.	1.3	112
36	Sulfated zwitterionic poly(sulfobetaine methacrylate) hydrogels promote complete skin regeneration. <i>Acta Biomaterialia</i> , 2018, 71, 293-305.	4.1	112

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37	Detection of low-molecular-weight domoic acid using surface plasmon resonance sensor. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 193-201.	4.0	111
38	Comparison of E. coli O157:H7 preparation methods used for detection with surface plasmon resonance sensor. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 202-208.	4.0	111
39	Strong Resistance of Oligo(phosphorylcholine) Self-Assembled Monolayers to Protein Adsorption. <i>Langmuir</i> , 2006, 22, 2418-2421.	1.6	92
40	Hydration of "Nonfouling" Functional Groups. <i>Journal of Physical Chemistry B</i> , 2009, 113, 197-201.	1.2	91
41	Controlling DNA Orientation on Mixed ssDNA/OEG SAMs. <i>Langmuir</i> , 2006, 22, 4694-4698.	1.6	89
42	Ultralow Fouling Zwitterionic Polymers Grafted from Surfaces Covered with an Initiator via an Adhesive Mussel Mimetic Linkage. <i>Journal of Physical Chemistry B</i> , 2008, 112, 15269-15274.	1.2	89
43	Peritoneal adhesions: Occurrence, prevention and experimental models. <i>Acta Biomaterialia</i> , 2020, 116, 84-104.	4.1	87
44	The hydrolysis of cationic polycarboxybetaine esters to zwitterionic polycarboxybetaines with controlled properties. <i>Biomaterials</i> , 2008, 29, 4719-4725.	5.7	83
45	Protein Adsorption on Alkanethiolate Self-Assembled Monolayers: A Nanoscale Surface Structural and Chemical Effects. <i>Langmuir</i> , 2003, 19, 2974-2982.	1.6	78
46	Antifouling Zwitterionic Coating via Electrochemically Mediated Atom Transfer Radical Polymerization on Enzyme-Based Glucose Sensors for Long-Time Stability in 37 °C Serum. <i>Langmuir</i> , 2016, 32, 11763-11770.	1.6	76
47	Development of ionic strength/pH/enzyme triple-responsive zwitterionic hydrogel of the mixed L-glutamic acid and L-lysine polypeptide for site-specific drug delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 935-943.	2.9	76
48	Controlling osteopontin orientation on surfaces to modulate endothelial cell adhesion. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 74A, 23-31.	2.1	73
49	The effect of lightly crosslinked poly(carboxybetaine) hydrogel coating on the performance of sensors in whole blood. <i>Biomaterials</i> , 2012, 33, 7945-7951.	5.7	71
50	Controlled Chemical and Structural Properties of Mixed Self-Assembled Monolayers by Coadsorption of Symmetric and Asymmetric Disulfides on Au(111). <i>Journal of Physical Chemistry B</i> , 2001, 105, 2975-2980.	1.2	69
51	Probing the weak interaction of proteins with neutral and zwitterionic antifouling polymers. <i>Acta Biomaterialia</i> , 2014, 10, 751-760.	4.1	68
52	Development of Long-Circulating Zwitterionic Cross-Linked Micelles for Active-Targeted Drug Delivery. <i>Biomacromolecules</i> , 2016, 17, 2010-2018.	2.6	61
53	Development of Zwitterionic Polypeptide Nanoformulation with High Doxorubicin Loading Content for Targeted Drug Delivery. <i>Langmuir</i> , 2019, 35, 1273-1283.	1.6	61
54	Molecular-Scale Mixed Alkanethiol Monolayers of Different Terminal Groups on Au(111) by Low-Current Scanning Tunneling Microscopy. <i>Langmuir</i> , 2003, 19, 3266-3271.	1.6	58

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55	Silk-Inspired Peptide Materials Resist Fouling and the Foreign-Body Response. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9586-9593.	7.2	56
56	In Situ Single-Molecule Detection of Antibody-Antigen Binding by Tapping-Mode Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2002, 74, 6017-6022.	3.2	52
57	Measurements of Friction and Adhesion for Alkyl Monolayers on Si(111) by Scanning Force Microscopy. <i>Langmuir</i> , 2002, 18, 5448-5456.	1.6	51
58	Investigation of the interaction between poly(ethylene glycol) and protein molecules using low field nuclear magnetic resonance. <i>Acta Biomaterialia</i> , 2013, 9, 6414-6420.	4.1	50
59	Development of Zwitterionic Polymer-Based Doxorubicin Conjugates: Tuning the Surface Charge To Prolong the Circulation and Reduce Toxicity. <i>Langmuir</i> , 2014, 30, 3764-3774.	1.6	50
60	Reducing the Cytotoxicity of Poly(amidoamine) Dendrimers by Modification of a Single Layer of Carboxybetaine. <i>Langmuir</i> , 2013, 29, 8914-8921.	1.6	49
61	Surface protonation/deprotonation controlled instant affinity switch of nano drug vehicle (NDV) for pH triggered tumor cell targeting. <i>Biomaterials</i> , 2015, 62, 116-127.	5.7	49
62	Stop band shift based chemical sensing with three-dimensional opal and inverse opal structures. <i>Sensors and Actuators B: Chemical</i> , 2007, 124, 452-458.	4.0	46
63	Recent Advances in Zwitterionic Hydrogels: Preparation, Property, and Biomedical Application. <i>Gels</i> , 2022, 8, 46.	2.1	45
64	Development of robust biocompatible silicone with high resistance to protein adsorption and bacterial adhesion. <i>Acta Biomaterialia</i> , 2011, 7, 2053-2059.	4.1	44
65	Biocompatible long-circulating star carboxybetaine polymers. <i>Journal of Materials Chemistry B</i> , 2015, 3, 440-448.	2.9	42
66	Molecular simulation studies of the structure of phosphorylcholine self-assembled monolayers. <i>Journal of Chemical Physics</i> , 2006, 125, 174714.	1.2	41
67	Detecting the Adsorption of Dye Molecules in Homogeneous Poly(propylene imine) Dendrimer Monolayers by Surface Plasmon Resonance Sensor. <i>Journal of the American Chemical Society</i> , 2002, 124, 3395-3401.	6.6	39
68	Zwitterion-like, Charge-Balanced Ultrathin Layers on Polymeric Membranes for Antifouling Property. <i>Environmental Science & Technology</i> , 2018, 52, 4457-4463.	4.6	39
69	Development of Nonstick and Drug-Loaded Wound Dressing Based on the Hydrolytic Hydrophobic Poly(carboxybetaine) Ester Analogue. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10489-10494.	4.0	38
70	Different in vitro and in vivo behaviors between Poly(carboxybetaine methacrylate) and poly(sulfobetaine methacrylate). <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 888-894.	2.5	37
71	Gene transfection in complex media using PCBMAEE-PCBMA copolymer with both hydrolytic and zwitterionic blocks. <i>Biomaterials</i> , 2014, 35, 7909-7918.	5.7	36
72	Stealth-dendrimers with encapsulation of indocyanine green for photothermal and photodynamic therapy of cancer. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120502.	2.6	35

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73	Development of a Stable Dual Functional Coating with Low Non-specific Protein Adsorption and High Sensitivity for New Superparamagnetic Nanospheres. <i>Langmuir</i> , 2011, 27, 13669-13674.	1.6	34
74	Highly stable and biocompatible dendrimer-encapsulated gold nanoparticle catalysts for the reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2017, 41, 8399-8406.	1.4	33
75	Synthesis of gold nanoflowers stabilized with amphiphilic daptomycin for enhanced photothermal antitumor and antibacterial effects. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119231.	2.6	33
76	Green synthesis of stable platinum nanoclusters with enhanced peroxidase-like activity for sensitive detection of glucose and glutathione. <i>Microchemical Journal</i> , 2021, 166, 106202.	2.3	33
77	Bio-inspired poly-DL-serine materials resist the foreign-body response. <i>Nature Communications</i> , 2021, 12, 5327.	5.8	33
78	Development of Robust and Recoverable Ultralow-Fouling Coatings Based on Poly(carboxybetaine) Ester Analogue. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16938-16945.	4.0	32
79	Zwitterion threaded metal-organic framework membranes for direct methanol fuel cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19547-19554.	5.2	32
80	Development of nonfouling polypeptides with uniform alternating charges by polycondensation of the covalently bonded dimer of glutamic acid and lysine. <i>Journal of Materials Chemistry B</i> , 2014, 2, 577-584.	2.9	31
81	Highly hemocompatible zwitterionic micelles stabilized by reversible cross-linkage for anti-cancer drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 384-390.	2.5	31
82	Green synthesis of palladium nanoparticles using lentinan for catalytic activity and biological applications. <i>RSC Advances</i> , 2019, 9, 38265-38270.	1.7	31
83	Nanoparticle Delivery: Targeting and Nonspecific Binding. <i>MRS Bulletin</i> , 2009, 34, 432-440.	1.7	30
84	A novel zwitterionic copolymer with a short poly(methyl acrylic acid) block for improving both conjugation and separation efficiency of a protein without losing its bioactivity. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2482.	2.9	28
85	The fabrication of superlow protein absorption zwitterionic coating by electrochemically mediated atom transfer radical polymerization and its application. <i>Acta Biomaterialia</i> , 2015, 13, 142-149.	4.1	28
86	Enhanced biocompatibility of PAMAM dendrimers benefiting from tuning their surface charges. <i>Materials Science and Engineering C</i> , 2018, 93, 332-340.	3.8	28
87	Nanoscale Frictional Properties of Mixed Alkanethiol Self-Assembled Monolayers on Au(111) by Scanning Force Microscopy: Humidity Effect. <i>Langmuir</i> , 2003, 19, 666-671.	1.6	25
88	Understanding Three Hydration-Dependent Transitions of Zwitterionic Carboxybetaine Hydrogel by Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2011, 115, 11575-11580.	1.2	23
89	Simple Thermal Pretreatment Strategy to Tune Mechanical and Antifouling Properties of Zwitterionic Hydrogels. <i>Langmuir</i> , 2019, 35, 1828-1836.	1.6	22
90	Water Mobility: A Bridge between the Hofmeister Series of Ions and the Friction of Zwitterionic Surfaces in Aqueous Environments. <i>Journal of Physical Chemistry C</i> , 2011, 115, 15525-15531.	1.5	21

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91	Protein diffusion characteristics in the hydrogels of poly(ethylene glycol) and zwitterionic poly(sulfobetaine methacrylate) (pSBMA). <i>Acta Biomaterialia</i> , 2016, 40, 172-181.	4.1	21
92	Highly biocompatible zwitterionic dendrimer-encapsulated platinum nanoparticles for sensitive detection of glucose in complex medium. <i>New Journal of Chemistry</i> , 2019, 43, 9076-9083.	1.4	21
93	Highly biocompatible jujube polysaccharide-stabilized palladium nanoparticles with excellent catalytic performance. <i>New Journal of Chemistry</i> , 2019, 43, 7646-7652.	1.4	20
94	Resistance to Long-Term Bacterial Biofilm Formation Based on Hydrolysis-Induced Zwitterion Material with Biodegradable and Self-Healing Properties. <i>Langmuir</i> , 2020, 36, 3251-3259.	1.6	20
95	Development of polypeptide-based zwitterionic amphiphilic micelles for nanodrug delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5256-5264.	2.9	19
96	Biocompatible bovine serum albumin stabilized platinum nanoparticles for the oxidation of morin. <i>New Journal of Chemistry</i> , 2019, 43, 8774-8780.	1.4	19
97	Dendrimer-Based Biocompatible Zwitterionic Micelles for Efficient Cellular Internalization and Enhanced Antitumor Effects. <i>ACS Applied Polymer Materials</i> , 2020, 2, 159-171.	2.0	18
98	Biodegradable copolypeptide hydrogel prodrug accelerates dermal wound regeneration by enhanced angiogenesis and epithelialization. <i>RSC Advances</i> , 2018, 8, 10620-10626.	1.7	17
99	Biocompatible Dendrimer-Encapsulated Palladium Nanoparticles for Oxidation of Morin. <i>ACS Omega</i> , 2019, 4, 18685-18691.	1.6	17
100	Secreted protein acidic and rich in cysteine (SPARC/osteonectin/BM-40) binds to fibrinogen fragments D and E, but not to native fibrinogen. <i>Matrix Biology</i> , 2006, 25, 20-26.	1.5	16
101	Green Synthesis of Gold Nanoparticles Using Longan Polysaccharide and their Reduction of 4-nitrophenol and Biological Applications. <i>Nano</i> , 2020, 15, 2050002.	0.5	16
102	Preparation and characterization of cyclodextrin functionalized polydimethylsiloxane films via interfacial self-assembly. <i>Applied Materials Today</i> , 2017, 9, 176-183.	2.3	15
103	Highly stable and biocompatible zwitterionic dendrimer-encapsulated palladium nanoparticles that maintain their catalytic activity in bacterial solution. <i>New Journal of Chemistry</i> , 2018, 42, 19740-19748.	1.4	15
104	Ultra-small biocompatible jujube polysaccharide stabilized platinum nanoclusters for glucose detection. <i>Analyst</i> , 2019, 144, 5179-5185.	1.7	15
105	Polyethyleneimine-oleic acid micelle-stabilized gold nanoparticles for reduction of 4-nitrophenol with enhanced performance. <i>Transition Metal Chemistry</i> , 2020, 45, 31-39.	0.7	15
106	Zwitterionic Polypeptide-Based Nanodrug Augments pH-Triggered Tumor Targeting <i>via</i> Prolonging Circulation Time and Accelerating Cellular Internalization. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46639-46652.	4.0	14
107	Molecular simulation studies of nanoscale friction between phosphorylcholine self-assembled monolayer surfaces: Correlation between surface hydration and friction. <i>Journal of Chemical Physics</i> , 2007, 127, 084708.	1.2	13
108	An electrospun polyurethane scaffold-reinforced zwitterionic hydrogel as a biocompatible device. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2443-2453.	2.9	13

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109	Development of biocompatible PAMAM dendrzyme™ to maintain catalytic activity in biological complex medium. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4259.	2.9	12
110	How to convincingly measure low concentration samples with optical label-free biosensors. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127568.	4.0	12
111	Highly water-soluble, pH sensitive and biocompatible PAMAM dendrzyme™ to maintain catalytic activity in complex medium. <i>Materials Science and Engineering C</i> , 2017, 78, 315-323.	3.8	11
112	Enhanced glucose detection using dendrimer encapsulated gold nanoparticles benefiting from their zwitterionic surface. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 2267-2280.	1.9	10
113	Investigation of nonfouling polypeptides of poly(glutamic acid) with lysine side chains synthesized by EDC _A -HCl/HOBt chemistry. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014, 25, 1717-1729.	1.9	9
114	Enhancing antifouling property of reverse osmosis membranes via surface tethered with the aminated cation of ionic liquids. <i>Desalination</i> , 2021, 517, 115257.	4.0	9
115	Development of a Negative-Biased Zwitterionic Polypeptide-Based Nanodrug Vehicle for pH-Triggered Cellular Uptake and Accelerated Drug Release. <i>Langmuir</i> , 2020, 36, 7181-7189.	1.6	8
116	Silk-Inspired Peptide Materials Resist Fouling and the Foreign-Body Response. <i>Angewandte Chemie</i> , 2020, 132, 9673-9680.	1.6	7
117	Removal of Disperse Dyes from Wastewater by Nano-iron Modified Goldmine Waste-solid Assisted AOPs. <i>Procedia Engineering</i> , 2011, 18, 358-362.	1.2	6
118	Capillary Differentiation of Endothelial Cells on Microgrooved Surfaces. <i>Journal of Physical Chemistry C</i> , 2007, 111, 14602-14606.	1.5	5
119	Development of Nonfouling Zwitterionic Copolymerized Peptides Based on Glutamic Acid and Lysine Dimers for Adjustable Enzymatic Degradation. <i>Langmuir</i> , 2021, 37, 5776-5782.	1.6	5
120	Chaotrope vs. kosmotrope: Which one has lower friction?. <i>Journal of Chemical Physics</i> , 2011, 135, 154702.	1.2	4
121	Development of a Protein Mimic with Peptide Ligands to Enhance Specific Sensing and Targeting by the Zwitterionic Surface Engineering of Poly(amido amine) Dendrimers. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300059.	1.9	4
122	Determination of non-freezing water in different nonfouling materials by differential scanning calorimetry. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 1012-1024.	1.9	4
123	Size Effect of Zwitterionic Peptide-Based Nanoscale Micelles on Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2022, 5, 9344-9355.	2.4	4
124	Reference-compensated surface plasmon resonance biosensor for detection of foodborne pathogens. , 2001, , .		3
125	3D Interlayer Slidable Multilayer Nano-Graphene Oxide Acrylate Crosslinked Tough Hydrogel. <i>Langmuir</i> , 2022, 38, 8200-8210.	1.6	3
126	Development of biocompatible silicone hydrogels with high resistance to protein adsorption and bacterial adhesion. <i>Journal of Controlled Release</i> , 2011, 152, e224-e226.	4.8	2

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127	Development of an Integrated High Serum Stability Zwitterionic Polypeptide-Based Nanodrug with Both Rapid Internalization and Endocellular Drug Releasing for Efficient Targeted Chemotherapy. <i>Langmuir</i> , 2021, 37, 14015-14025.	1.6	2
128	Zwitterionic Polymers for Targeted Drug Delivery. <i>RSC Polymer Chemistry Series</i> , 2013, , 227-244.	0.1	1
129	Nanoscale Frictional Properties of Pure and Mixed Alkanethiols on Au(111) by Scanning Force Microscopy. <i>ACS Symposium Series</i> , 2000, , 168-177.	0.5	0
130	Long-circulation zwitterionic dendrimer nanodrugs for phototherapy of tumors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112681.	2.5	0