Bengang Xing

List of Publications by Year in Descending Order

132 papers	8,112 citations	50 h-index	88 g-index
149 ext. papers	9,298 ext. citations	8.9 avg, IF	6.28 L-index

#	Paper	IF	Citations
132	Tumor microenvironment-responsive MnSiO3-Pt@BSA-Ce6 nanoplatform for synergistic catalysis-enhanced sonodynamic and chemodynamic cancer therapy. *Chinese Chemical Letters*, **2022** ,	8.1	4
131	A metabolic labeling way to in situ fabricate bacterial FRET Platform for innate immune defence molecule. *Sensors and Actuators B: Chemical*, **2022**, 350, 130913	8.5	0
130	Screening of multifunctional fruit carbon dots for fluorescent labeling and sensing in living immune cells and zebrafishes.. *Mikrochimica Acta*, **2022**, 189, 223	5.8	0
129	Small-molecule fluorescent probes: big future for specific bacterial labeling and infection detection. *Chemical Communications*, **2021**,	5.8	5
128	Cyanine-Dyad Molecular Probe for the Simultaneous Profiling of the Evolution of Multiple Radical Species During Bacterial Infections. *Angewandte Chemie*, **2021**, 133, 17037-17042	3.6	2
127	Continuous-wave near-infrared stimulated-emission depletion microscopy using downshifting lanthanide nanoparticles. *Nature Nanotechnology*, **2021**, 16, 975-980	28.7	12
126	Cyanine-Dyad Molecular Probe for the Simultaneous Profiling of the Evolution of Multiple Radical Species During Bacterial Infections. *Angewandte Chemie - International Edition*, **2021**, 60, 16900-16905	16.4	12
125	Intelligent MoS-CuO heterostructures with multiplexed imaging and remarkably enhanced antitumor efficacy via synergetic photothermal therapy/ chemodynamic therapy/ immunotherapy. *Biomaterials*, **2021**, 268, 120545	15.6	48
124	Near-Infrared Light Brightens Bacterial Disinfection: Recent Progress and Perspectives.. *ACS Applied Bio Materials*, **2021**, 4, 3937-3961	4.1	18
123	Uncovering the Metabolic Origin of Aspartate for Tumor Growth Using an Integrated Molecular Deactivator. *Nano Letters*, **2021**, 21, 778-784	11.5	4
122	Alkyl aryl modifications: a comparative study on modular modifications of triphenylphosphonium mitochondrial vectors.. *RSC Chemical Biology*, **2021**, 2, 1643-1650	3	2
121	Scratching the Surface of Unventured Possibilities with In Situ Self-Assembly: Protease-Activated Developments for Imaging and Therapy.. *ACS Applied Bio Materials*, **2021**, 4, 2192-2216	4.1	4
120	Increasing antibiotic activity by rapid bioorthogonal conjugation of drug to resistant bacteria using an upconverted light-activated photocatalyst. *Journal of Materials Chemistry B*, **2021**, 9, 3136-3142	7.3	0
119	Recomposition and storage of sunlight with intelligent phosphors for enhanced photosynthesis. *Dalton Transactions*, **2021**, 50, 11025-11029	4.3	2
118	Diazapentabenzocorannulenium: A Hydrophilic/Biophilic Cationic Buckybowl. *Angewandte Chemie - International Edition*, **2021**,	16.4	6
117	Near-Infrared Multipurpose Lanthanide-Imaging Nanoprobes. *Chemistry - an Asian Journal*, **2020**, 15, 2076-2091	4.5	9
116	AuPt-PEG-Ce6 nanoformulation with dual nanozyme activities for synergistic chemodynamic therapy / phototherapy. *Biomaterials*, **2020**, 252, 120093	15.6	104

115	Near-infrared photocontrolled therapeutic release via upconversion nanocomposites. *Journal of Controlled Release*, **2020**, 324, 104-123	11.7	16
114	Virus-Like FeO@BiS Nanozymes with Resistance-Free Apoptotic Hyperthermia-Augmented Nanozymitic Activity for Enhanced Synergetic Cancer Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 11320-11328	9.5	35
113	Core-shell structured 5-FU@ZIF-90@ZnO as a biodegradable nanoplatform for synergistic cancer therapy. *Nanoscale*, **2020**, 12, 3846-3854	7.7	25
112	Extraspecific Manifestation of Nanoheaters Position Effect on Distinctive Cellular Photothermal Responses. *ACS Nano*, **2020**, 14, 5836-5844	16.7	11
111	Photoactivatable Targeting Methods **2020**, 401-432		
110	Lanthanide-Doped Upconversion Nanoparticles Meet the Needs for Cutting-Edge Bioapplications: Recent Progress and Perspectives **2020**, 2, 1516-1531		24
109	Luminescent molecules towards precise cellular event regulation. *Chemical Communications*, **2020**, 56, 10231-10234	5.8	2
108	Metallic Nanoparticle-Enabled Sensing of a Drug-of-Abuse: An Attempt at Forensic Application. *ChemBioChem*, **2020**, 21, 2512-2517	3.8	3
107	Enabling Mitochondrial Uptake of Lipophilic Dications Using Methylated Triphenylphosphonium Moieties. *Inorganic Chemistry*, **2019**, 58, 8293-8299	5.1	12
106	Precise cell behaviors manipulation through light-responsive nano-regulators: recent advance and perspective. *Theranostics*, **2019**, 9, 3308-3340	12.1	15
105	Redox-Activatable and Acid-Enhanced Nanotheranostics for Second Near-Infrared Photoacoustic Tomography and Combined Photothermal Tumor Therapy. *ACS Nano*, **2019**, 13, 5816-5825	16.7	108
104	Multispectral optoacoustic imaging of dynamic redox correlation and pathophysiological progression utilizing upconversion nanoprobes. *Nature Communications*, **2019**, 10, 1087	17.4	89
103	BMP-2-Loaded HAp:Ln (Ln = Yb, Er, Gd) Nanorods with Dual-Mode Imaging for Efficient MC3t3-E1 Cell Differentiation Regulation. *Langmuir*, **2019**, 35, 15287-15294	4	4
102	Surface Coated NIR Light-Responsive Nanostructures for Imaging and Therapeutic Applications. *World Scientific Series in Nanoscience and Nanotechnology*, **2019**, 135-165	0.1	
101	NIR nanoprobe-facilitated cross-referencing manifestation of local disease biology for dynamic therapeutic response assessment. *Chemical Science*, **2019**, 11, 803-811	9.4	20
100	pH-sensitive and biodegradable charge-transfer nanocomplex for second near-infrared photoacoustic tumor imaging. *Nano Research*, **2019**, 12, 49-55	10	53
99	Recent advances in near-infrared emitting lanthanide-doped nanoconstructs: Mechanism, design and application for bioimaging. *Coordination Chemistry Reviews*, **2019**, 381, 104-134	23.2	165
98	O2-Loaded pH-Responsive Multifunctional Nanodrug Carrier for Overcoming Hypoxia and Highly Efficient Chemo-Photodynamic Cancer Therapy. *Chemistry of Materials*, **2019**, 31, 483-490	9.6	69

97	Nanomechanical Microfluidic Mixing and Rapid Labeling of Silica Nanoparticles using Allenamide-Thiol Covalent Linkage for Bioimaging. *ACS Applied Materials & Interfaces*, **2019**, 11, 4867-4875	9.5	3
96	Near-Infrared Manipulation of Membrane Ion Channels via Upconversion Optogenetics. *Advanced Biology*, **2019**, 3, e1800233	3.5	25
95	Spatiotemporal-Controlled Reporter for Cell-Surface Proteolytic Enzyme Activity Visualization. *ChemBioChem*, **2019**, 20, 561-567	3.8	4
94	Recent Advances of Membrane-Cloaked Nanoplatforms for Biomedical Applications. *Bioconjugate Chemistry*, **2018**, 29, 838-851	6.3	31
93	Enhanced Cellular Ablation by Attenuating Hypoxia Status and Reprogramming Tumor-Associated Macrophages via NIR Light-Responsive Upconversion Nanocrystals. *Bioconjugate Chemistry*, **2018**, 29, 928-938	6.3	53
92	Semiconducting Photothermal Nanoagonist for Remote-Controlled Specific Cancer Therapy. *Nano Letters*, **2018**, 18, 1498-1505	11.5	138
91	Rational Design of Multifunctional Fe@□Fe O @H-TiO Nanocomposites with Enhanced Magnetic and Photoconversion Effects for Wide Applications: From Photocatalysis to Imaging-Guided Photothermal Cancer Therapy. *Advanced Materials*, **2018**, 30, e1706747	24	79
90	Unique Fluorescent Imaging Probe for Bacterial Surface Localization and Resistant Enzyme Imaging. *ACS Chemical Biology*, **2018**, 13, 1890-1896	4.9	15
89	Recent advances in functional nanomaterials for light□triggered cancer therapy. *Nano Today*, **2018**, 19, 146-187	17.9	325
88	Extracellular Vesicle Directed Exogenous Ion Channel Transport for Precise Manipulation of Biological Events. *Bioconjugate Chemistry*, **2018**, 29, 2715-2722	6.3	4
87	Near-infrared light-mediated rare-earth nanocrystals: recent advances in improving photon conversion and alleviating the thermal effect. *NPG Asia Materials*, **2018**, 10, 685-702	10.3	43
86	Nanoformulation of metal complexes: Intelligent stimuli-responsive platforms for precision therapeutics. *Nano Research*, **2018**, 11, 5474-5498	10	13
85	Multifunctional Magnetic Mesoporous Silica Nanoagents for Enzyme-Responsive Drug Delivery and MR Imaging. *Nanotheranostics*, **2018**, 2, 233-242	5.6	47
84	"Guide Star" Assisted Noninvasive Photoacoustic Measurement of Glucose. *ACS Sensors*, **2018**, 3, 2550-2557	9.2	13
83	Lipopolysaccharide-affinity copolymer senses the rapid motility of swarmer bacteria to trigger antimicrobial drug release. *Nature Communications*, **2018**, 9, 4277	17.4	10
82	Vancomycin Determination by Disrupting Electron-Transfer in a Fluorescence Turn-On Squaraine-Anthraquinone Triad. *ACS Sensors*, **2018**, 3, 1156-1163	9.2	3
81	A live bacteria SERS platform for the in situ monitoring of nitric oxide release from a single MRSA. *Chemical Communications*, **2018**, 54, 7022-7025	5.8	14
80	Mini Review of TiO -Based Multifunctional Nanocomposites for Near-Infrared Light-Responsive Phototherapy. *Advanced Healthcare Materials*, **2018**, 7, e1800351	10.1	35

79	Photoactivated drug delivery and bioimaging. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2017**, 9, e1408	9.2	45
78	Stimulus-Responsive Short Peptide Nanogels for Controlled Intracellular Drug Release and for Overcoming Tumor Resistance. *Chemistry - an Asian Journal*, **2017**, 12, 744-752	4.5	12
77	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals. *Angewandte Chemie - International Edition*, **2017**, 56, 3031-3035	16.4	97
76	808 nm light responsive nanotheranostic agents based on near-infrared dye functionalized manganese ferrite for magnetic-targeted and imaging-guided photodynamic/photothermal therapy. *Journal of Materials Chemistry B*, **2017**, 5, 1803-1814	7.3	26
75	Nanostructures for NIR light-controlled therapies. *Nanoscale*, **2017**, 9, 3698-3718	7.7	72
74	Site-Specific Dual Functionalization of Cysteine Residue in Peptides and Proteins with 2-Azidoacrylates. *Bioconjugate Chemistry*, **2017**, 28, 897-902	6.3	21
73	Gold and Hairpin DNA Functionalization of Upconversion Nanocrystals for Imaging and In Vivo Drug Delivery. *Advanced Materials*, **2017**, 29, 1700244	24	159
72	Investigation of Thermally Induced Cellular Ablation and Heat Response Triggered by Planar MoS-Based Nanocomposite. *Bioconjugate Chemistry*, **2017**, 28, 1059-1067	6.3	25
71	New advances on the marrying of UCNPs and photothermal agents for imaging-guided diagnosis and the therapy of tumors. *Journal of Materials Chemistry B*, **2017**, 5, 2209-2230	7.3	68
70	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals. *Angewandte Chemie*, **2017**, 129, 3077-3081	3.6	10
69	R□ktitelbild: Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals (Angew. Chem. 11/2017). *Angewandte Chemie*, **2017**, 129, 3156-3156	3.6	1
68	Charge convertibility and near infrared photon co-enhanced cisplatin chemotherapy based on upconversion nanoplatform. *Biomaterials*, **2017**, 130, 42-55	15.6	65
67	Enzyme-responsive reporter molecules for selective localization and fluorescence imaging of pathogenic biofilms. *Chemical Communications*, **2017**, 53, 3330-3333	5.8	25
66	Unique Triphenylphosphonium Derivatives for Enhanced Mitochondrial Uptake and Photodynamic Therapy. *Bioconjugate Chemistry*, **2017**, 28, 590-599	6.3	36
65	Recent Progress in Near Infrared Light Triggered Photodynamic Therapy. *Small*, **2017**, 13, 1702299	11	171
64	cis-Platinum pro-drug-attached CuFeS nanoplates for in vivo photothermal/photoacoustic imaging and chemotherapy/photothermal therapy of cancer. *Nanoscale*, **2017**, 9, 16937-16949	7.7	60
63	Synthesis of Core-shell Lanthanide-doped Upconversion Nanocrystals for Cellular Applications. *Journal of Visualized Experiments*, **2017**,	1.6	3
62	Multifunctional UCNPs@PDA-ICG nanocomposites for upconversion imaging and combined photothermal/photodynamic therapy with enhanced antitumor efficacy. *Journal of Materials Chemistry B*, **2016**, 4, 4884-4894	7.3	74

61	In vivo covalent cross-linking of photon-converted rare-earth nanostructures for tumour localization and theranostics. *Nature Communications*, **2016**, 7, 10432	17.4	314
60	Glycopeptide antibiotic analogs for selective inactivation and two-photon imaging of vancomycin-resistant strains. *Chemical Communications*, **2016**, 52, 4667-70	5.8	11
59	Linking of Alcohols with Vinyl Azides. *Organic Letters*, **2016**, 18, 992-5	6.2	24
58	Recent Advances of Light-Mediated Theranostics. *Theranostics*, **2016**, 6, 2439-2457	12.1	130
57	Near infrared light-mediated photoactivation of cytotoxic Re(i) complexes by using lanthanide-doped upconversion nanoparticles. *Dalton Transactions*, **2016**, 45, 14101-14108	4.3	24
56	Upconversion Nanoparticles for Bioimaging **2016**, 363-390		2
55	A light-up probe with aggregation-induced emission characteristics (AIE) for selective imaging, naked-eye detection and photodynamic killing of Gram-positive bacteria. *Chemical Communications*, **2015**, 51, 12490-3	5.8	148
54	Photodynamic Therapy: A Multifunctional Probe with Aggregation-Induced Emission Characteristics for Selective Fluorescence Imaging and Photodynamic Killing of Bacteria Over Mammalian Cells (Adv. Healthcare Mater. 5/2015). *Advanced Healthcare Materials*, **2015**, 4, 636-636	10.1	1
53	Human transport protein carrier for controlled photoactivation of antitumor prodrug and real-time intracellular tumor imaging. *Bioconjugate Chemistry*, **2015**, 26, 955-61	6.3	38
52	A multifunctional probe with aggregation-induced emission characteristics for selective fluorescence imaging and photodynamic killing of bacteria over mammalian cells. *Advanced Healthcare Materials*, **2015**, 4, 659-63	10.1	76
51	Nontoxic colloidal particles impede antibiotic resistance of swarming bacteria by disrupting collective motion and speed. *Physical Review E*, **2015**, 92, 062706	2.4	3
50	Interplay of hole transfer and host-guest interaction in a molecular dyad and triad: ensemble and single-molecule spectroscopy and sensing applications. *Chemistry - A European Journal*, **2015**, 21, 3387-98	4.8	6
49	Allenamides as orthogonal handles for selective modification of cysteine in peptides and proteins. *Angewandte Chemie - International Edition*, **2014**, 53, 7491-4	16.4	73
48	Peptide-perylene diimide functionalized magnetic nano-platforms for fluorescence turn-on detection and clearance of bacterial lipopolysaccharides. *Chemical Communications*, **2014**, 50, 6200-3	5.8	41
47	Enzyme-responsive cell-penetrating peptide conjugated mesoporous silica quantum dot nanocarriers for controlled release of nucleus-targeted drug molecules and real-time intracellular fluorescence imaging of tumor cells. *Advanced Healthcare Materials*, **2014**, 3, 1230-9	10.1	103
46	NIR photoregulated chemo- and photodynamic cancer therapy based on conjugated polyelectrolyte-drug conjugate encapsulated upconversion nanoparticles. *Nanoscale*, **2014**, 6, 11259-72	7.7	81
45	Near-infrared light-mediated photoactivation of a platinum antitumor prodrug and simultaneous cellular apoptosis imaging by upconversion-luminescent nanoparticles. *Angewandte Chemie - International Edition*, **2014**, 53, 1012-6	16.4	248
44	Near-Infrared Light-Mediated Photoactivation of a Platinum Antitumor Prodrug and Simultaneous Cellular Apoptosis Imaging by Upconversion-Luminescent Nanoparticles. *Angewandte Chemie*, **2014** , 126, 1030-1034	3.6	59

43	Recent Advance of Biological Molecular Imaging Based on Lanthanide-Doped Upconversion-Luminescent Nanomaterials. *Nanomaterials*, **2014**, 4, 129-154	5.4	88
42	A Small-Molecule FRET Reporter for the Real-Time Visualization of Cell-Surface Proteolytic Enzyme Functions. *Angewandte Chemie*, **2014**, 126, 14585-14590	3.6	21
41	A small-molecule FRET reporter for the real-time visualization of cell-surface proteolytic enzyme functions. *Angewandte Chemie - International Edition*, **2014**, 53, 14357-62	16.4	51
40	Allenamides as Orthogonal Handles for Selective Modification of Cysteine in Peptides and Proteins. *Angewandte Chemie*, **2014**, 126, 7621-7624	3.6	24
39	NIR photoresponsive crosslinked upconverting nanocarriers toward selective intracellular drug release. *Small*, **2013**, 9, 2937-44	11	154
38	A covalent reporter of β-lactamase activity for fluorescent imaging and rapid screening of antibiotic-resistant bacteria. *Chemistry - A European Journal*, **2013**, 19, 10903-10	4.8	43
37	Loss of collective motion in swarming bacteria undergoing stress. *Physical Review Letters*, **2013**, 111, 208101	7.4	15
36	NIR light controlled photorelease of siRNA and its targeted intracellular delivery based on upconversion nanoparticles. *Nanoscale*, **2013**, 5, 231-8	7.7	187
35	Enzyme responsive luminescent ruthenium(II) cephalosporin probe for intracellular imaging and photoinactivation of antibiotics resistant bacteria. *Chemical Communications*, **2012**, 48, 1739-41	5.8	40
34	Real-time monitoring of cell apoptosis and drug screening using fluorescent light-up probe with aggregation-induced emission characteristics. *Journal of the American Chemical Society*, **2012**, 134, 17972-81	10.4	481
33	Lipopolysaccharide neutralizing peptide-porphyrin conjugates for effective photoinactivation and intracellular imaging of gram-negative bacteria strains. *Bioconjugate Chemistry*, **2012**, 23, 1639-47	6.3	78
32	A concise, efficient synthesis of sugar-based benzothiazoles through chemoselective intramolecular C–S coupling. *Chemical Science*, **2012**, 3, 2388	9.4	63
31	Multifunctional Mesoporous Silica Nanoparticles for Cancer-Targeted and Controlled Drug Delivery. *Advanced Functional Materials*, **2012**, 22, 5144-5156	15.6	257
30	In Vitro and In Vivo Uncaging and Bioluminescence Imaging by Using Photocaged Upconversion Nanoparticles. *Angewandte Chemie*, **2012**, 124, 3179-3183	3.6	70
29	Innenrücktitelbild: In Vitro and In Vivo Uncaging and Bioluminescence Imaging by Using Photocaged Upconversion Nanoparticles (Angew. Chem. 13/2012). *Angewandte Chemie*, **2012**, 124, 3329-3329	3.6	
28	In vitro and in vivo uncaging and bioluminescence imaging by using photocaged upconversion nanoparticles. *Angewandte Chemie - International Edition*, **2012**, 51, 3125-9	16.4	398
27	Inside Back Cover: In Vitro and In Vivo Uncaging and Bioluminescence Imaging by Using Photocaged Upconversion Nanoparticles (Angew. Chem. Int. Ed. 13/2012). *Angewandte Chemie - International Edition*, **2012**, 51, 3275-3275	16.4	
26	Surface-enhanced Raman scattering (SERS) of nitrothiophenol isomers chemisorbed on TiO2. *Chemistry - an Asian Journal*, **2012**, 7, 975-81	4.5	31

25	Multifunctional divalent vancomycin: the fluorescent imaging and photodynamic antimicrobial properties for drug resistant bacteria. *Chemical Communications*, **2011**, 47, 1601-3	5.8	69
24	Enzyme-responsive multifunctional magnetic nanoparticles for tumor intracellular drug delivery and imaging. *Chemistry - an Asian Journal*, **2011**, 6, 1381-9	4.5	66
23	Molecular interactions between glycopeptide vancomycin and bacterial cell wall peptide analogues. *Chemistry - A European Journal*, **2011**, 17, 14170-7	4.8	11
22	Metallic nanoparticles bioassay for Enterobacter cloacae P99 beta-lactamase activity and inhibitor screening. *Analyst, The*, **2010**, 135, 1031-6	5	18
21	Photoactive molecules for applications in molecular imaging and cell biology. *Chemical Society Reviews*, **2010**, 39, 2835-46	58.5	117
20	Novel trimethyl lock based enzyme switch for the self-assembly and disassembly of gold nanoparticles. *New Journal of Chemistry*, **2010**, 34, 594	3.6	8
19	Radiation-luminescence-excited quantum dots for in vivo multiplexed optical imaging. *Small*, **2010**, 6, 1087-91	11	94
18	Synthesis and characterization of 2-(2Shydroxy-5Schlorophenyl)-6-chloro-4(3H)-quinazolinone-based fluorogenic probes for cellular imaging of monoamine oxidases. *Chemistry - an Asian Journal*, **2010**, 5, 1317-21	4.5	6
17	Simple and rapid synthesis of ultrathin gold nanowires, their self-assembly and application in surface-enhanced Raman scattering. *Chemical Communications*, **2009**, 1984-6	5.8	226
16	Colorimetric screening of bacterial enzyme activity and inhibition based on the aggregation of gold nanoparticles. *Chemical Communications*, **2009**, 1972-4	5.8	53
15	Photoactivable bioluminescent probes for imaging luciferase activity. *Chemical Communications*, **2009**, 4028-30	5.8	32
14	Recent developments of biological reporter technology for detecting gene expression. *Biotechnology and Genetic Engineering Reviews*, **2008**, 25, 41-75	4.1	69
13	Novel beta-lactam antibiotics derivatives: their new applications as gene reporters, antitumor prodrugs and enzyme inhibitors. *Mini-Reviews in Medicinal Chemistry*, **2008**, 8, 455-71	3.2	46
12	A Simple and Specific Assay for Real-Time Colorimetric Visualization of □Lactamase Activity by Using Gold Nanoparticles. *Angewandte Chemie - International Edition*, **2008**, 47, 3081-3081	16.4	3
11	A Simple and Specific Assay for Real-Time Colorimetric Visualization of □Lactamase Activity by Using Gold Nanoparticles. *Angewandte Chemie*, **2008**, 120, 3125-3125	3.6	
10	A simple and specific assay for real-time colorimetric visualization of beta-lactamase activity by using gold nanoparticles. *Angewandte Chemie - International Edition*, **2007**, 46, 8799-803	16.4	91
9	A Simple and Specific Assay for Real-Time Colorimetric Visualization of □Lactamase Activity by Using Gold Nanoparticles. *Angewandte Chemie*, **2007**, 119, 8955-8959	3.6	22
8	Cell-permeable near-infrared fluorogenic substrates for imaging beta-lactamase activity. *Journal of the American Chemical Society*, **2005**, 127, 4158-9	16.4	122

7	Novel fluorogenic substrates for imaging beta-lactamase gene expression. *Journal of the American Chemical Society*, **2003**, 125, 11146-7	16.4	170
6	Multivalent antibiotics via metal complexes: potent divalent vancomycins against vancomycin-resistant enterococci. *Journal of Medicinal Chemistry*, **2003**, 46, 4904-9	8.3	44
5	Self-assembled multivalent vancomycin on cell surfaces against vancomycin-resistant enterococci (VRE). *Chemical Communications*, **2003**, 2224-5	5.8	37
4	Design of coordination polymer as stable catalytic systems. *Chemistry - A European Journal*, **2002**, 8, 5028-32	4.32	199
3	Spontaneous Enrichment of Organic Molecules from Aqueous and Gas Phases into a Stable Metallogel. *Langmuir*, **2002**, 18, 9654-9658	4	46
2	A stable metal coordination polymer gel based on a calix[4]arene and its Suptake Sof non-ionic organic molecules from the aqueous phase. *Chemical Communications*, **2002**, 362-3	5.8	107
1	Hydrophobic interaction and hydrogen bonding cooperatively confer a vancomycin hydrogel: a potential candidate for biomaterials. *Journal of the American Chemical Society*, **2002**, 124, 14846-7	16.4	353