M G Finn

List of Publications by Year
in descending order

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364 papers	38,377 citations	6592 79 h-index	2736 192 g-index
377 all docs	377 docs citations	377 times ranked	32552 citing authors

#	Article	IF	Citations
1	Click Chemistry: Diverse Chemical Function from a Few Good Reactions. Angewandte Chemie - International Edition, 2001, 40, 2004-2021.	7.2	11,576
2	Click Chemistry: Diverse Chemical Function from a Few Good Reactions. Angewandte Chemie - International Edition, 2001, 40, 2004-2021.	7.2	2,174
3	Bioconjugation by Copper(I)-Catalyzed Azide-Alkyne [3 + 2] Cycloaddition. Journal of the American Chemical Society, 2003, 125, 3192-3193.	6.6	1,536
4	â€œOn Waterâ€: Unique Reactivity of Organic Compounds in Aqueous Suspension. Angewandte Chemie - International Edition, 2005, 44, 3275-3279.	7.2	1,477
5	Analysis and Optimization of Copperâ€Catalyzed Azideâ€“Alkyne Cycloaddition for Bioconjugation. Angewandte Chemie - International Edition, 2009, 48, 9879-9883.	7.2	856
6	Sulfur(VI) Fluoride Exchange (SuFEx): Another Good Reaction for Click Chemistry. Angewandte Chemie - International Edition, 2014, 53, 9430-9448.	7.2	832
7	Click Chemistry In Situ: Acetylcholinesterase as a Reaction Vessel for the Selective Assembly of a Femtomolar Inhibitor from an Array of Building Blocks. Angewandte Chemie - International Edition, 2002, 41, 1053-1057.	7.2	679
8	Click Chemistry in Complex Mixtures: Bioorthogonal Bioconjugation. Chemistry and Biology, 2014, 21, 1075-1101.	6.2	627
9	Direct Human Cartilage Repair Using Three-Dimensional Bioprinting Technology. Tissue Engineering - Part A, 2012, 18, 1304-1312.	1.6	575
10	In situ click chemistry: probing the binding landscapes of biological molecules. Chemical Society Reviews, 2010, 39, 1252.	18.7	434
11	Click chemistry in materials synthesis. 1. Adhesive polymers from copper-catalyzed azide-alkyne cycloaddition. Journal of Polymer Science Part A, 2004, 42, 4392-4403.	2.5	394
12	Benzimidazole and Related Ligands for Cu-Catalyzed Azideâ^'Alkyne Cycloaddition. Journal of the American Chemical Society, 2007, 129, 12696-12704.	6.6	371
13	Ligand-Accelerated Cu-Catalyzed Azideâ^'Alkyne Cycloaddition:â€‰ A Mechanistic Report. Journal of the American Chemical Society, 2007, 129, 12705-12712.	6.6	366
14	Discovery and Characterization of Catalysts for Azideâ^'Alkyne Cycloaddition by Fluorescence Quenching. Journal of the American Chemical Society, 2004, 126, 9152-9153.	6.6	353
15	Labeling Live Cells by Copper-Catalyzed Alkyneâ^'Azide Click Chemistry. Bioconjugate Chemistry, 2010, 21, 1912-1916.	1.8	347
16	Porous Silicon as a Versatile Platform for Laser Desorption/Ionization Mass Spectrometry. Analytical Chemistry, 2001, 73, 612-619.	3.2	337
17	Core-Clickable PEG-Branch-Azide Bivalent-Bottle-Brush Polymers by ROMP: Grafting-Through and Clicking-To. Journal of the American Chemical Society, 2011, 133, 559-566.	6.6	320
18	Mechanism of asymmetric epoxidation. 2. Catalyst structure. Journal of the American Chemical Society, 1991, 113, 113-126.	6.6	315

#	Article	IF	Citations
19	Copperâ€Catalyzed Azideâ€“Alkyne Click Chemistry for Bioconjugation. Current Protocols in Chemical Biology, 2011, 3, 153-162.	1.7	303
20	Construction of Linear Polymers, Dendrimers, Networks, and Other Polymeric Architectures by Copperâ€Catalyzed Azideâ€Alkyne Cycloaddition â€œClickâ€•Chemistry. Macromolecular Rapid Communications, 2008, 29, 1052-1072.	2.0	302
21	Tailored Ligand Acceleration of the Cu-Catalyzed Azideâ^'Alkyne Cycloaddition Reaction: Practical and Mechanistic Implications. Journal of the American Chemical Society, 2010, 132, 14570-14576.	6.6	291
22	Accelerated Bioorthogonal Conjugation:â€‰ A Practical Method for the Ligation of Diverse Functional Molecules to a Polyvalent Virus Scaffold. Bioconjugate Chemistry, 2005, 16, 1572-1579.	1.8	287
23	Click chemistry: function follows form. Chemical Society Reviews, 2010, 39, 1231.	18.7	284
24	A mechanistic insight leads to a greatly improved osmium-catalyzed asymmetric dihydroxylation process. Journal of the American Chemical Society, 1989, 111, 1123-1125.	6.6	259
25	Measurement of Enantiomeric Excess by Kinetic Resolution and Mass Spectrometry. Angewandte Chemie - International Edition, 1999, 38, 1755-1758.	7.2	249
26	Natural Supramolecular Building Blocks. Chemistry and Biology, 2002, 9, 805-811.	6.2	245
27	A heteroaryldihydropyrimidine activates and can misdirect hepatitis B virus capsid assembly. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8138-8143.	3.3	235
28	Bio-distribution, toxicity and pathology of cowpea mosaic virus nanoparticles in vivo. Journal of Controlled Release, 2007, 120, 41-50.	4.8	229
29	High Sensitivity and Analyte Capture with Desorption/Ionization Mass Spectrometry on Silylated Porous Silicon. Analytical Chemistry, 2004, 76, 4484-4489.	3.2	223
30	Hybrid Virusâ^'Polymer Materials. 1. Synthesis and Properties of PEG-Decorated Cowpea Mosaic Virus. Biomacromolecules, 2003, 4, 472-476.	2.6	218
31	Synthesis of Degradable Model Networks via ATRP and Click Chemistry. Journal of the American Chemical Society, 2006, 128, 6564-6565.	6.6	214
32	Folic Acid-Mediated Targeting of Cowpea Mosaic Virus Particles to Tumor Cells. Chemistry and Biology, 2007, 14, 1152-1162.	6.2	213
33	Mechanism of asymmetric epoxidation. 1. Kinetics. Journal of the American Chemical Society, 1991, 113, 106-113.	6.6	204
34	Bioorthogonal chemistry. Nature Reviews Methods Primers, 2021, 1, .	11.8	201
35	Desorption/ionization on silicon (DIOS): A diverse mass spectrometry platform for protein characterization. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 4932-4937.	3.3	192
36	Viral MRI contrast agents: coordination of Gd by native virions and attachment of Gd complexes by azideâ€“alkyne cycloaddition. Chemical Communications, 2007, , 1269-1271.	2.2	187

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37	Natural Supramolecular Building Blocks. Chemistry and Biology, 2002, 9, 813-819.	6.2	183
38	Desorption/ionization on silicon (DIOS) mass spectrometry: background and applications. International Journal of Mass Spectrometry, 2003, 226, 107-116.	0.7	183
39	Emerging methods for the rapid determination of enantiomeric excess. Chirality, 2002, 14, 534-540.	1.3	182
40	RNAâ€Directed Packaging of Enzymes within Virusâ€like Particles. Angewandte Chemie - International Edition, 2010, 49, 9648-9651.	7.2	180
41	Thiol-Selective Fluorogenic Probes for Labeling and Release. Journal of the American Chemical Society, 2009, 131, 9986-9994.	6.6	177
42	Functional Virus-Based Polymerâ€“Protein Nanoparticles by Atom Transfer Radical Polymerization. Journal of the American Chemical Society, 2011, 133, 9242-9245.	6.6	173
43	Unnatural Amino Acid Incorporation into Virus-Like Particles. Bioconjugate Chemistry, 2008, 19, 866-875.	1.8	164
44	Nanopatterning the Chemospecific Immobilization of Cowpea Mosaic Virus Capsid. Nano Letters, 2003, 3, 883-886.	4.5	163
45	Global Structural Changes in Hepatitis B Virus Capsids Induced by the Assembly Effector HAP1. Journal of Virology, 2006, 80, 11055-11061.	1.5	162
46	Bringing Efficiency to Materials Synthesis: The Philosophy of Click Chemistry. Australian Journal of Chemistry, 2007, 60, 381.	0.5	160
47	Synthesis of Photocleavable Linear Macromonomers by ATRP and Star Macromonomers by a Tandem ATRPâ^'Click Reaction:Â Precursors to Photodegradable Model Networks. Macromolecules, 2007, 40, 3589-3598.	2.2	148
48	2H-Chromenes from Salicylaldehydes by a Catalytic Petasis Reaction. Organic Letters, 2000, 2, 4063-4065.	2.4	141
49	N -Arylâ€“linked spirocyclic polymers for membrane separations of complex hydrocarbon mixtures. Science, 2020, 369, 310-315.	6.0	139
50	Trapping of Hepatitis B Virus Capsid Assembly Intermediates by Phenylpropenamide Assembly Accelerators. ACS Chemical Biology, 2010, 5, 1125-1136.	1.6	138
51	â€œClickâ€•Chemistry in a Supramolecular Environment:Â Stabilization of Organogels by Copper(I)-Catalyzed Azideâ^'Alkyne [3 + 2] Cycloaddition. Journal of the American Chemical Society, 2006, 128, 6056-6057.	6.6	137
52	Cu(II)â^'Aza(bisoxazoline)-Catalyzed Asymmetric Benzoylations. Organic Letters, 2005, 7, 2325-2328.	2.4	134
53	Natural Nanochemical Building Blocks:â€‰Icosahedral Virus Particles Organized by Attached Oligonucleotides. Nano Letters, 2004, 4, 1385-1389.	4.5	132
54	Treatment of influenza and SARS-CoV-2 infections via mRNA-encoded Cas13a in rodents. Nature Biotechnology, 2021, 39, 717-726.	9.4	130

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55	Defining Criteria for Oligomannose Immunogens for HIV Using Icosahedral Virus Capsid Scaffolds. Chemistry and Biology, 2010, 17, 357-370.	6.2	125
56	Kinetic resolution by copper-catalyzed azideâ€“alkyne cycloaddition. Tetrahedron Letters, 2005, 46, 4543-4546.	0.7	122
57	Introduction: Click Chemistry. Chemical Reviews, 2021, 121, 6697-6698.	23.0	122
58	DNA-controlled assembly of a NaTl lattice structure from gold nanoparticles and proteinÂnanoparticles. Nature Materials, 2010, 9, 918-922.	13.3	121
59	Chemical Modification of Viruses and Virus-Like Particles. Current Topics in Microbiology and Immunology, 2009, 327, 1-21.	0.7	120
60	Peptide Cyclization and Cyclodimerization by Cu^I-Mediated Azideâ^'Alkyne Cycloaddition. Journal of Organic Chemistry, 2009, 74, 2964-2974.	1.7	120
61	Assembly-Directed Antivirals Differentially Bind Quasiequivalent Pockets to Modify Hepatitis B Virus Capsid Tertiary and Quaternary Structure. Structure, 2013, 21, 1406-1416.	1.6	120
62	Buckyballs Meet Viral Nanoparticles: Candidates for Biomedicine. Journal of the American Chemical Society, 2009, 131, 17093-17095.	6.6	119
63	Small-Molecule Effectors of Hepatitis B Virus Capsid Assembly Give Insight into Virus Life Cycle. Journal of Virology, 2008, 82, 10262-10270.	1.5	117
64	Multivalent Display and Receptorâ€Mediated Endocytosis of Transferrin on Virusâ€Like Particles. ChemBioChem, 2010, 11, 1273-1279.	1.3	111
65	Crosslinking of and Coupling to Viral Capsid Proteins by Tyrosine Oxidation. Chemistry and Biology, 2004, 11, 319-326.	6.2	109
66	Plasma Clearance of Bacteriophage QÎ² Particles as a Function of Surface Charge. Journal of the American Chemical Society, 2008, 130, 1328-1334.	6.6	105
67	â€œClickableâ€•Agarose for Affinity Chromatography. Bioconjugate Chemistry, 2005, 16, 1536-1541.	1.8	95
68	Click chemistry in materials synthesis. III. Metalâ€adhesive polymers from Cu(I)â€catalyzed azideâ€“alkyne cycloaddition. Journal of Polymer Science Part A, 2007, 45, 5182-5189.	2.5	95
69	A nonself sugar mimic of the HIV glycan shield shows enhanced antigenicity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17107-17112.	3.3	95
70	Organometallic Diradical Cycloaromatization Reaction. Journal of the American Chemical Society, 1995, 117, 8045-8046.	6.6	94
71	Amblyomma sculptum tick saliva: Î±-Gal identification, antibody response and possible association with red meat allergy in Brazil. International Journal for Parasitology, 2016, 46, 213-220.	1.3	93
72	Antiâ€Carbohydrate Antibodies Elicited by Polyvalent Display on a Viral Scaffold. ChemBioChem, 2007, 8, 1455-1462.	1.3	90

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73	Electrochemically Protected Copper(I)â€Catalyzed Azideâ€“Alkyne Cycloaddition. ChemBioChem, 2008, 9, 1481-1486.	1.3	90
74	Cell Targeting with Hybrid QÎ² Virusâ€Like Particles Displaying Epidermal Growth Factor. ChemBioChem, 2011, 12, 2441-2447.	1.3	89
75	Glycan-Targeted Virus-like Nanoparticles for Photodynamic Therapy. Biomacromolecules, 2012, 13, 2333-2338.	2.6	89
76	Programmable multistage drug delivery to lymph nodes. Nature Nanotechnology, 2020, 15, 491-499.	15.6	86
77	Glycomimetic Ligands for the Human Asialoglycoprotein Receptor. Journal of the American Chemical Society, 2012, 134, 1978-1981.	6.6	85
78	On-Virus Construction of Polyvalent Glycan Ligands for Cell-Surface Receptors. Journal of the American Chemical Society, 2008, 130, 4578-4579.	6.6	82
79	Boosting Immunity to Small Tumor-Associated Carbohydrates with Bacteriophage QÎ² Capsids. ACS Chemical Biology, 2013, 8, 1253-1262.	1.6	81
80	Icosahedral Virus Particles as Polyvalent Carbohydrate Display Platforms. ChemBioChem, 2003, 4, 1348-1351.	1.3	80
81	Label-free quantification of membrane-ligand interactions using backscattering interferometry. Nature Biotechnology, 2011, 29, 357-360.	9.4	80
82	Encapsidated Atom-Transfer Radical Polymerization in QÎ² Virus-like Nanoparticles. ACS Nano, 2014, 8, 8003-8014.	7.3	80
83	Thia-, Aza-, and Selena[3.3.1]bicyclononane Dichlorides: Rates vs Internal Nucleophile in Anchimeric Assistance. Journal of Organic Chemistry, 2011, 76, 4392-4395.	1.7	78
84	Two new asymmetric epoxidation catalysts. Unusual stoichiometry and inverse enantiofacial selection. Journal of Organic Chemistry, 1984, 49, 728-731.	1.7	76
85	Effect of Nonsolvent Treatments on the Microstructure of PIM-1. Macromolecules, 2015, 48, 5780-5790.	2.2	74
86	Colorful Virus-like Particles: Fluorescent Protein Packaging by the QÎ² Capsid. Biomacromolecules, 2011, 12, 3977-3981.	2.6	73
87	Assembly of Hybrid Bacteriophage QÎ² Virus-like Particles. Biochemistry, 2009, 48, 11155-11157.	1.2	72
88	Engineered Mutations Change the Structure and Stability of a Virus-Like Particle. Biomacromolecules, 2012, 13, 2339-2348.	2.6	72
89	Efficient Liver Targeting by Polyvalent Display of a Compact Ligand for the Asialoglycoprotein Receptor. Journal of the American Chemical Society, 2017, 139, 3528-3536.	6.6	71
90	Relative Performance of Alkynes in Copper-Catalyzed Azideâ€“Alkyne Cycloaddition. Bioconjugate Chemistry, 2013, 24, 684-689.	1.8	70

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91	An Unexpected Example of Proteinâ€Templated Click Chemistry. Angewandte Chemie - International Edition, 2010, 49, 6817-6820.	7.2	68
92	Protective Epitope Discovery and Design of MUC1-based Vaccine for Effective Tumor Protections in Immunotolerant Mice. Journal of the American Chemical Society, 2018, 140, 16596-16609.	6.6	68
93	Virus-like Particle Display of the Î±-Gal Carbohydrate for Vaccination against Leishmania Infection. ACS Central Science, 2017, 3, 1026-1031.	5.3	67
94	Blue Fluorescent Antibodies as Reporters of Steric Accessibility in Virus Conjugates. Bioconjugate Chemistry, 2003, 14, 38-43.	1.8	66
95	Hepatitis B Virus Capsids Have Diverse Structural Responses to Small-Molecule Ligands Bound to the Heteroaryldihydropyrimidine Pocket. Journal of Virology, 2016, 90, 3994-4004.	1.5	65
96	T cells control the generation of nanomolar-affinity anti-glycan antibodies. Journal of Clinical Investigation, 2017, 127, 1491-1504.	3.9	63
97	Mechanistic Studies of the Zirconiumâ^'Triisopropanolamine-Catalyzed Enantioselective Addition of Azide to Cyclohexene Oxideâ€. Journal of Organic Chemistry, 1998, 63, 6656-6666.	1.7	62
98	A Mass Spectrometry Plate Reader: Monitoring Enzyme Activity and Inhibition with a Desorption/Ionization on Silicon (DIOS) Platform. ChemBioChem, 2004, 5, 921-927.	1.3	62
99	New Catalysts for the Asymmetric Hydrosilylation of Ketones Discovered by Mass Spectrometry Screening. Journal of Organic Chemistry, 2003, 68, 2540-2546.	1.7	61
100	Click chemistry in materials synthesis. II. Acid-swellable crosslinked polymers made by copper-catalyzed azide-alkyne cycloaddition. Journal of Polymer Science Part A, 2006, 44, 5513-5518.	2.5	58
101	Learning from nature â€“ Novel synthetic biology approaches for biomaterial design. Acta Biomaterialia, 2014, 10, 1761-1769.	4.1	57
102	Glycosylation Using Unprotected Alkynyl Donors. Journal of Organic Chemistry, 2009, 74, 8417-8420.	1.7	55
103	Novel Inhibitors for PRMT1 Discovered by High-Throughput Screening Using Activity-Based Fluorescence Polarization. ACS Chemical Biology, 2012, 7, 1198-1204.	1.6	55
104	Synthesis of Biologically Active N- and O-Linked Glycans with Multisialylated Poly-N-acetyllactosamine Extensions Using P. damsela Î±2-6 Sialyltransferase. Journal of the American Chemical Society, 2013, 135, 18280-18283.	6.6	55
105	Palladium-Catalyzed Head-to-Head Telomerization of Isoprene with Amines. Organometallics, 2000, 19, 2684-2689.	1.1	54
106	Effects of a novel arginine methyltransferase inhibitor on Tâ€helper cell cytokine production. FEBS Journal, 2010, 277, 2096-2108.	2.2	54
107	A Hierarchy of Aryloxide Deprotection by Boron Tribromide. Organic Letters, 2004, 6, 2777-2779.	2.4	53
108	A Nonaggregating Heptamethine Cyanine for Building Brighter Labeled Biomolecules. ACS Chemical Biology, 2019, 14, 934-940.	1.6	53

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109	Guiding plant virus particles to integrin-displaying cells. Nanoscale, 2012, 4, 3698.	2.8	50
110	Significant Impact of Immunogen Design on the Diversity of Antibodies Generated by Carbohydrate-Based Anticancer Vaccine. ACS Chemical Biology, 2015, 10, 2364-2372.	1.6	50
111	Microscale NMR Screening of New Detergents for Membrane Protein Structural Biology. Journal of the American Chemical Society, 2008, 130, 7357-7363.	6.6	49
112	Degradable Conjugates from Oxanorbornadiene Reagents. Journal of the American Chemical Society, 2012, 134, 6491-6497.	6.6	48
113	Organotransition-Metal Metallacarboranes. 36. A Remarkably Stable Transition-Metal-Benzyne Complex: Synthesis and Structure of Cp(PMe3)(.eta.2-C6H4)Ta(Et2C2B4H4). Journal of the American Chemical Society, 1995, 117, 1163-1164.	6.6	46
114	Repeated administration of the GABAB receptor positive modulator BHF177 decreased nicotine self-administration, and acute administration decreased cue-induced reinstatement of nicotine seeking in rats. Psychopharmacology, 2011, 215, 117-128.	1.5	46
115	Comparison of the effects of the GABAB receptor positive modulator BHF177 and the GABAB receptor agonist baclofen on anxiety-like behavior, learning, and memory in mice. Neuropharmacology, 2013, 70, 156-167.	2.0	46
116	Synthesis and Immunological Evaluation of Disaccharide Bearing MUC-1 Glycopeptide Conjugates with Virus-like Particles. ACS Chemical Biology, 2019, 14, 2176-2184.	1.6	46
117	Taming Chlorine Azide: Access to 1,2-Azidochlorides from Alkenes. Journal of Organic Chemistry, 2015, 80, 2740-2755.	1.7	45
118	2,6-Dichloro-9-thiabicyclo[3.3.1]nonane:Â A Privileged, Bivalent Scaffold for the Display of Nucleophilic Components. Journal of Organic Chemistry, 2001, 66, 4386-4392.	1.7	44
119	Palladium-catalyzed coupling of functionalized bromoarenes to a polystyrene-bound aryl tributylstannane. Tetrahedron Letters, 1999, 40, 415-418.	0.7	42
120	Measurement of Monovalent and Polyvalent Carbohydrateâ^'Lectin Binding by Back-Scattering Interferometry. Analytical Chemistry, 2009, 81, 4889-4897.	3.2	42
121	Insertion Reactions of Tantalum(V) Carborane Alkyl and Aryl Complexes with Nitriles and Isonitriles. Thermal and Photochemical Isomerization of Î·2-Iminoacyl Isomers1. Organometallics, 1997, 16, 3993-4000.	1.1	41
122	Intramolecular Benzannulation Reactions of Chromium Siloxycarbene Complexes: Regiochemical Control and the "Xenochemical Effect" of Alkyne Additives. Journal of the American Chemical Society, 1994, 116, 10921-10933.	6.6	40
123	Organotransition-Metal Metallacarboranes. 38. C2B3 and C2B4 Carborane Ligands as Cyclopentadienyl Analogs: Early Transition Metal Complexes. Organometallics, 1995, 14, 3014-3029.	1.1	40
124	Engineering the PP7 Virus Capsid as a Peptide Display Platform. ACS Nano, 2019, 13, 4443-4454.	7.3	40
125	Glycan-Modified Virus-like Particles Evoke T Helper Type 1-like Immune Responses. ACS Nano, 2021, 15, 309-321.	7.3	40
126	Multifunctional Enzyme Packaging and Catalysis in the QÎ² Protein Nanoparticle. Biomacromolecules, 2018, 19, 3945-3957.	2.6	38

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127	Study of high glass transition temperature thermosets made from the copper(I)-catalyzed azideâ€“alkyne cycloaddition reaction. Polymer, 2007, 48, 239-244.	1.8	37
128	Protective Coatings for Aluminum Alloy Based on Hyperbranched 1,4-Polytriazoles. ACS Applied Materials & Interfaces, 2017, 9, 4231-4243.	4.0	37
129	The first benzannulation chemistry of manganese carbene complexes: activation by d0 metalation. Organometallics, 1992, 11, 1759-1761.	1.1	36
130	Titanium and Zirconium Et2C2B4H4â^'Metalâ^'Phosphine Complexes:Â Synthesis, Characterization, and Ethylene Polymerization Activity1. Journal of the American Chemical Society, 2000, 122, 10573-10580.	6.6	36
131	Heparin Antagonism by Polyvalent Display of Cationic Motifs on Virusâ€Like Particles. ChemBioChem, 2009, 10, 503-510.	1.3	36
132	Alkene and Alkyne Insertion Reactions with Tantalum Metallacarborane Complexes:Â the Et2C2B4H42-Carborane Ligand as a Spectator and Participant1. Organometallics, 1998, 17, 3865-3874.	1.1	35
133	Chemical Synthesis of GM2 Glycans, Bioconjugation with Bacteriophage QÎ², and the Induction of Anticancer Antibodies. ChemBioChem, 2016, 17, 174-180.	1.3	35
134	Antitumor Humoral and T Cell Responses by Mucin-1 Conjugates of Bacteriophage QÎ² in Wild-type Mice. ACS Chemical Biology, 2018, 13, 1668-1676.	1.6	35
135	Augmented lipid-nanoparticle-mediated in vivo genome editing in the lungs and spleen by disrupting Cas9 activity in the liver. Nature Biomedical Engineering, 2022, 6, 157-167.	11.6	35
136	2,6-Dihalo-9-selenabicyclo[3.3.1]nonanes and their complexes with selenium dihalides: synthesis and structural characterisation. New Journal of Chemistry, 2015, 39, 8055-8059.	1.4	34
137	Intramolecular benzannulation reactions of manganese carbene complexes. Journal of the American Chemical Society, 1992, 114, 8735-8736.	6.6	33
138	A new condensation synthesis of allenes and dienes. Journal of Organic Chemistry, 1993, 58, 1298-1299.	1.7	33
139	Vinylphosphonium Salts and Allenes from Carbonyl Compounds Using Titanium-Substituted Ylides. Journal of Organic Chemistry, 1997, 62, 2564-2573.	1.7	32
140	Homogeneous catalysis as a tool for organic synthesis. Pure and Applied Chemistry, 1998, 70, 1041-1046.	0.9	32
141	Evolution and Protein Packaging of Small-Molecule RNA Aptamers. ACS Nano, 2011, 5, 7722-7729.	7.3	32
142	Click chemistry connections for functional discovery. , 2022, 1, 8-10.		32
143	Highly Efficient Ring Closure of Aromatic Dialdehydes to Macrocyclic Allenes. Journal of the American Chemical Society, 1997, 119, 3429-3433.	6.6	31
144	Small Carborane Ligands as Tailorable Cp Surrogates. Halogenation, Alkylation, and Arylation at Metal and Cage Positions on CpX2M(Et2C2B4H4) Complexes (M = Ta, Nb)1. Organometallics, 2000, 19, 2200-2207.	1.1	31

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145	Structure and bonding of heterobimetallic Fischer carbene complexes. Organometallics, 1992, 11, 745-751.	1.1	30
146	Small Molecule Regulation of Protein Conformation by Binding in the Flap of HIV Protease. ACS Chemical Biology, 2013, 8, 1223-1231.	1.6	30
147	Phase Diagrams Map the Properties of Antiviral Agents Directed against Hepatitis B Virus Core Assembly. Antimicrobial Agents and Chemotherapy, 2013, 57, 1505-1508.	1.4	30
148	Thiabicyclononane-Based Antimicrobial Polycations. Journal of the American Chemical Society, 2017, 139, 15401-15406.	6.6	30
149	Nucleophilic Substitution by Grignard Reagents on Sulfur Mustards. Journal of Organic Chemistry, 2004, 69, 7336-7339.	1.7	29
150	Modular Degradable Hydrogels Based on Thiol-Reactive Oxanorbornadiene Linkers. Journal of the American Chemical Society, 2015, 137, 4984-4987.	6.6	29
151	A hydridotantalum(V)-carborane analogue of Schwartz's reagent: synthesis and reactivity1Organotransition-Metal Metallacarboranes. 49. For part 48, see Ref. [1].12Dedicated to Professor Kenneth Wade on the occasion of his 65th birthday.2. Journal of Organometallic Chemistry, 1998, 550, 469-472.	0.8	28
152	Enzyme Stabilization by Virus-Like Particles. Biochemistry, 2020, 59, 2870-2881.	1.2	28
153	Organotransition-metal metallacarboranes. 26. Carborane ligands in organometallic chemistry: a new class of Fischer carbene complexes. Journal of the American Chemical Society, 1992, 114, 8733-8735.	6.6	27
154	Synthesis and cycloaromatization kinetics of aromatic allene enynes. Tetrahedron, 1999, 55, 29-62.	1.0	27
155	Cytotoxicity of tantalum(V) and niobium(V) small carborane complexes and mode of action in P388 lymphocytic leukemia cells. Applied Organometallic Chemistry, 2000, 14, 108-118.	1.7	27
156	Measurement of enantiomeric excess of amines by mass spectrometry following kinetic resolution with solid-phase chiral acylating agents. Tetrahedron Letters, 2001, 42, 2617-2619.	0.7	27
157	Membrane Association Dictates Ligand Specificity for the Innate Immune Receptor NOD2. ACS Chemical Biology, 2017, 12, 2216-2224.	1.6	26
158	Use of a racemic derivatizing agent for measurement of enantiomeric excess by circular dichroism spectroscopy. Tetrahedron Letters, 2001, 42, 8015-8018.	0.7	25
159	A thermally-cleavable linker for solid-phase synthesis. Tetrahedron Letters, 2005, 46, 1181-1184.	0.7	25
160	Microscale memory characteristics of virus-quantum dot hybrids. Applied Physics Letters, 2007, 90, 214104.	1.5	25
161	Immobilization of bacteriophage QÎ² on metal-derivatized surfaces via polyvalent display of hexahistidine tags. Journal of Inorganic Biochemistry, 2008, 102, 2142-2146.	1.5	25
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