

M G Finn

List of Publications by Year in descending order

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364
papers

38,377
citations

6606

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

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

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

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

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

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91	An Unexpected Example of Protein-Templated Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6817-6820.	7.2	68
92	Protective Epitope Discovery and Design of MUC1-based Vaccine for Effective Tumor Protections in Immunotolerant Mice. <i>Journal of the American Chemical Society</i> , 2018, 140, 16596-16609.	6.6	68
93	Virus-like Particle Display of the α -Gal Carbohydrate for Vaccination against <i>Leishmania</i> Infection. <i>ACS Central Science</i> , 2017, 3, 1026-1031.	5.3	67
94	Blue Fluorescent Antibodies as Reporters of Steric Accessibility in Virus Conjugates. <i>Bioconjugate Chemistry</i> , 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. <i>Journal of Virology</i> , 2016, 90, 3994-4004.	1.5	65
96	T cells control the generation of nanomolar-affinity anti-glycan antibodies. <i>Journal of Clinical Investigation</i> , 2017, 127, 1491-1504.	3.9	63
97	Mechanistic Studies of the Zirconium-Triisopropanolamine-Catalyzed Enantioselective Addition of Azide to Cyclohexene Oxide. <i>Journal of Organic Chemistry</i> , 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. <i>ChemBioChem</i> , 2004, 5, 921-927.	1.3	62
99	New Catalysts for the Asymmetric Hydrosilylation of Ketones Discovered by Mass Spectrometry Screening. <i>Journal of Organic Chemistry</i> , 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. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5513-5518.	2.5	58
101	Learning from nature – Novel synthetic biology approaches for biomaterial design. <i>Acta Biomaterialia</i> , 2014, 10, 1761-1769.	4.1	57
102	Glycosylation Using Unprotected Alkynyl Donors. <i>Journal of Organic Chemistry</i> , 2009, 74, 8417-8420.	1.7	55
103	Novel Inhibitors for PRMT1 Discovered by High-Throughput Screening Using Activity-Based Fluorescence Polarization. <i>ACS Chemical Biology</i> , 2012, 7, 1198-1204.	1.6	55
104	Synthesis of Biologically Active N- and O-Linked Glycans with Multisialylated Poly-N-acetyllactosamine Extensions Using <i>P. damsela</i> α 2-6 Sialyltransferase. <i>Journal of the American Chemical Society</i> , 2013, 135, 18280-18283.	6.6	55
105	Palladium-Catalyzed Head-to-Head Telomerization of Isoprene with Amines. <i>Organometallics</i> , 2000, 19, 2684-2689.	1.1	54
106	Effects of a novel arginine methyltransferase inhibitor on T-helper cell cytokine production. <i>FEBS Journal</i> , 2010, 277, 2096-2108.	2.2	54
107	A Hierarchy of Aryloxide Deprotection by Boron Tribromide. <i>Organic Letters</i> , 2004, 6, 2777-2779.	2.4	53
108	A Nonaggregating Heptamethine Cyanine for Building Brighter Labeled Biomolecules. <i>ACS Chemical Biology</i> , 2019, 14, 934-940.	1.6	53

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109	Guiding plant virus particles to integrin-displaying cells. <i>Nanoscale</i> , 2012, 4, 3698.	2.8	50
110	Significant Impact of Immunogen Design on the Diversity of Antibodies Generated by Carbohydrate-Based Anticancer Vaccine. <i>ACS Chemical Biology</i> , 2015, 10, 2364-2372.	1.6	50
111	Microscale NMR Screening of New Detergents for Membrane Protein Structural Biology. <i>Journal of the American Chemical Society</i> , 2008, 130, 7357-7363.	6.6	49
112	Degradable Conjugates from Oxanorbornadiene Reagents. <i>Journal of the American Chemical Society</i> , 2012, 134, 6491-6497.	6.6	48
113	Organotransition-Metal Metallocarboranes. 36. A Remarkably Stable Transition-Metal-Benzene Complex: Synthesis and Structure of Cp(PMe ₃)(η -2-C ₆ H ₄)Ta(Et ₂ C ₂ B ₄ H ₄). <i>Journal of the American Chemical Society</i> , 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. <i>Psychopharmacology</i> , 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. <i>Neuropharmacology</i> , 2013, 70, 156-167.	2.0	46
116	Synthesis and Immunological Evaluation of Disaccharide Bearing MUC-1 Glycopeptide Conjugates with Virus-like Particles. <i>ACS Chemical Biology</i> , 2019, 14, 2176-2184.	1.6	46
117	Taming Chlorine Azide: Access to 1,2-Azidochlorides from Alkenes. <i>Journal of Organic Chemistry</i> , 2015, 80, 2740-2755.	1.7	45
118	2,6-Dichloro-9-thiabicyclo[3.3.1]nonane: A Privileged, Bivalent Scaffold for the Display of Nucleophilic Components. <i>Journal of Organic Chemistry</i> , 2001, 66, 4386-4392.	1.7	44
119	Palladium-catalyzed coupling of functionalized bromoarenes to a polystyrene-bound aryl tributylstannane. <i>Tetrahedron Letters</i> , 1999, 40, 415-418.	0.7	42
120	Measurement of Monovalent and Polyvalent Carbohydrate ⁺ Lectin Binding by Back-Scattering Interferometry. <i>Analytical Chemistry</i> , 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 β -2-Iminoacyl Isomers ¹ . <i>Organometallics</i> , 1997, 16, 3993-4000.	1.1	41
122	Intramolecular Benzannulation Reactions of Chromium Siloxycarbene Complexes: Regiochemical Control and the "Xenochemical Effect" of Alkyne Additives. <i>Journal of the American Chemical Society</i> , 1994, 116, 10921-10933.	6.6	40
123	Organotransition-Metal Metallocarboranes. 38. C ₂ B ₃ and C ₂ B ₄ Carborane Ligands as Cyclopentadienyl Analogs: Early Transition Metal Complexes. <i>Organometallics</i> , 1995, 14, 3014-3029.	1.1	40
124	Engineering the PP7 Virus Capsid as a Peptide Display Platform. <i>ACS Nano</i> , 2019, 13, 4443-4454.	7.3	40
125	Glycan-Modified Virus-like Particles Evoke T Helper Type 1-like Immune Responses. <i>ACS Nano</i> , 2021, 15, 309-321.	7.3	40
126	Multifunctional Enzyme Packaging and Catalysis in the Q β Protein Nanoparticle. <i>Biomacromolecules</i> , 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 azide-alkyne cycloaddition reaction. <i>Polymer</i> , 2007, 48, 239-244.	1.8	37
128	Protective Coatings for Aluminum Alloy Based on Hyperbranched 1,4-Polytriazoles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4231-4243.	4.0	37
129	The first benzannulation chemistry of manganese carbene complexes: activation by d ⁰ metalation. <i>Organometallics</i> , 1992, 11, 1759-1761.	1.1	36
130	Titanium and Zirconium Et ₂ C ₂ B ₄ H ₄ -Metal-Phosphine Complexes: Synthesis, Characterization, and Ethylene Polymerization Activity. <i>Journal of the American Chemical Society</i> , 2000, 122, 10573-10580.	6.6	36
131	Heparin Antagonism by Polyvalent Display of Cationic Motifs on Virus-Like Particles. <i>ChemBioChem</i> , 2009, 10, 503-510.	1.3	36
132	Alkene and Alkyne Insertion Reactions with Tantalum Metallacarborane Complexes: The Et ₂ C ₂ B ₄ H ₄ -Carborane Ligand as a Spectator and Participant. <i>Organometallics</i> , 1998, 17, 3865-3874.	1.1	35
133	Chemical Synthesis of GM2 Glycans, Bioconjugation with Bacteriophage Q β , and the Induction of Anticancer Antibodies. <i>ChemBioChem</i> , 2016, 17, 174-180.	1.3	35
134	Antitumor Humoral and T Cell Responses by Mucin-1 Conjugates of Bacteriophage Q β in Wild-type Mice. <i>ACS Chemical Biology</i> , 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. <i>Nature Biomedical Engineering</i> , 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. <i>New Journal of Chemistry</i> , 2015, 39, 8055-8059.	1.4	34
137	Intramolecular benzannulation reactions of manganese carbene complexes. <i>Journal of the American Chemical Society</i> , 1992, 114, 8735-8736.	6.6	33
138	A new condensation synthesis of allenes and dienes. <i>Journal of Organic Chemistry</i> , 1993, 58, 1298-1299.	1.7	33
139	Vinylphosphonium Salts and Allenes from Carbonyl Compounds Using Titanium-Substituted Ylides. <i>Journal of Organic Chemistry</i> , 1997, 62, 2564-2573.	1.7	32
140	Homogeneous catalysis as a tool for organic synthesis. <i>Pure and Applied Chemistry</i> , 1998, 70, 1041-1046.	0.9	32
141	Evolution and Protein Packaging of Small-Molecule RNA Aptamers. <i>ACS Nano</i> , 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. <i>Journal of the American Chemical Society</i> , 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 Cp ₂ M(Et ₂ C ₂ B ₄ H ₄) Complexes (M = Ta, Nb). <i>Organometallics</i> , 2000, 19, 2200-2207.	1.1	31

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145	Structure and bonding of heterobimetallic Fischer carbene complexes. <i>Organometallics</i> , 1992, 11, 745-751.	1.1	30
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