

List of Publications by Citations

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243
papers

32,476
citations

72
h-index

179
g-index

377
ext. papers

35,131
ext. citations

8.4
avg, IF

7.31
L-index

#	Paper	IF	Citations
243	Click Chemistry: Diverse Chemical Function from a Few Good Reactions. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 2004-2021	16.4	10193
242	Click Chemistry: Diverse Chemical Function from a Few Good Reactions. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 2004-2021	16.4	1637
241	Bioconjugation by copper(I)-catalyzed azide-alkyne [3 + 2] cycloaddition. <i>Journal of the American Chemical Society</i> , 2003 , 125, 3192-3	16.4	1408
240	"On water": unique reactivity of organic compounds in aqueous suspension. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3275-9	16.4	1306
239	Analysis and optimization of copper-catalyzed azide-alkyne cycloaddition for bioconjugation. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9879-83	16.4	769
238	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, 1053-7	16.4	587
237	Click chemistry in complex mixtures: bioorthogonal bioconjugation. <i>Chemistry and Biology</i> , 2014 , 21, 1075-101		530
236	Sulfur(VI) fluoride exchange (SuFEx): another good reaction for click chemistry. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9430-48	16.4	512
235	Direct human cartilage repair using three-dimensional bioprinting technology. <i>Tissue Engineering - Part A</i> , 2012 , 18, 1304-12	3.9	483
234	In situ click chemistry: probing the binding landscapes of biological molecules. <i>Chemical Society Reviews</i> , 2010 , 39, 1252-61	58.5	398
233	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	369
232	Ligand-accelerated Cu-catalyzed azide-alkyne cycloaddition: a mechanistic report. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12705-12	16.4	341
231	Benzimidazole and related ligands for Cu-catalyzed azide-alkyne cycloaddition. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12696-704	16.4	337
230	Discovery and characterization of catalysts for azide-alkyne cycloaddition by fluorescence quenching. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9152-3	16.4	330
229	Labeling live cells by copper-catalyzed alkyne-azide click chemistry. <i>Bioconjugate Chemistry</i> , 2010 , 21, 1912-6	6.3	313
228	Porous silicon as a versatile platform for laser desorption/ionization mass spectrometry. <i>Analytical Chemistry</i> , 2001 , 73, 612-9	7.8	309
227	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, 559-66	16.4	290

226	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	4.8	286
225	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, 14570-6	16.4	266
224	Accelerated bioorthogonal conjugation: a practical method for the ligation of diverse functional molecules to a polyvalent virus scaffold. <i>Bioconjugate Chemistry</i> , 2005 , 16, 1572-9	6.3	263
223	Mechanism of asymmetric epoxidation. 2. Catalyst structure. <i>Journal of the American Chemical Society</i> , 1991 , 113, 113-126	16.4	263
222	Copper-Catalyzed Azide-Alkyne Click Chemistry for Bioconjugation. <i>Current Protocols in Chemical Biology</i> , 2011 , 3, 153-162	1.8	226
221	Measurement of Enantiomeric Excess by Kinetic Resolution and Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1755-1758	16.4	225
220	Natural supramolecular building blocks. Wild-type cowpea mosaic virus. <i>Chemistry and Biology</i> , 2002 , 9, 805-11		215
219	High sensitivity and analyte capture with desorption/ionization mass spectrometry on silylated porous silicon. <i>Analytical Chemistry</i> , 2004 , 76, 4484-9	7.8	211
218	Hybrid virus-polymer materials. 1. Synthesis and properties of PEG-decorated cowpea mosaic virus. <i>Biomacromolecules</i> , 2003 , 4, 472-6	6.9	207
217	A heteroaryldihydropyrimidine 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, 8138-43	11.5	204
216	Synthesis of degradable model networks via ATRP and click chemistry. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6564-5	16.4	203
215	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	16.4	203
214	Bio-distribution, toxicity and pathology of cowpea mosaic virus nanoparticles in vivo. <i>Journal of Controlled Release</i> , 2007 , 120, 41-50	11.7	195
213	Folic acid-mediated targeting of cowpea mosaic virus particles to tumor cells. <i>Chemistry and Biology</i> , 2007 , 14, 1152-62		190
212	Viral MRI contrast agents: coordination of Gd by native virions and attachment of Gd complexes by azide-alkyne cycloaddition. <i>Chemical Communications</i> , 2007 , 1269-71	5.8	176
211	Thiol-selective fluorogenic probes for labeling and release. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9986-94	16.4	172
210	Emerging methods for the rapid determination of enantiomeric excess. <i>Chirality</i> , 2002 , 14, 534-40	2.1	170
209	Desorption/ionization on silicon (DIOS) mass spectrometry: background and applications. <i>International Journal of Mass Spectrometry</i> , 2003 , 226, 107-116	1.9	170

208	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, 4932-7	11.5	170
207	Natural supramolecular building blocks. Cysteine-added mutants of cowpea mosaic virus. <i>Chemistry and Biology</i> , 2002 , 9, 813-9		165
206	Mechanism of asymmetric epoxidation. 1. Kinetics. <i>Journal of the American Chemical Society</i> , 1991 , 113, 106-113	16.4	163
205	Functional virus-based polymer-protein nanoparticles by atom transfer radical polymerization. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9242-5	16.4	158
204	Bringing Efficiency to Materials Synthesis: The Philosophy of Click Chemistry. <i>Australian Journal of Chemistry</i> , 2007 , 60, 381	1.2	152
203	Nanopatterning the Chemospecific Immobilization of Cowpea Mosaic Virus Capsid. <i>Nano Letters</i> , 2003 , 3, 883-886	11.5	150
202	RNA-directed packaging of enzymes within virus-like particles. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9648-51	16.4	149
201	Unnatural amino acid incorporation into virus-like particles. <i>Bioconjugate Chemistry</i> , 2008 , 19, 866-75	6.3	146
200	Schwefel(VI)-fluorid-Austausch (SuFEx): Eine weitere gute Anwendung für die Click-Chemie. <i>Angewandte Chemie</i> , 2014 , 126, 9584-9603	3.6	143
199	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	5.5	139
198	Global structural changes in hepatitis B virus capsids induced by the assembly effector HAP1. <i>Journal of Virology</i> , 2006 , 80, 11055-61	6.6	136
197	"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, 6056-7	16.4	128
196	2H-Chromenes from salicylaldehydes by a catalytic petasis reaction. <i>Organic Letters</i> , 2000 , 2, 4063-5	6.2	125
195	Trapping of hepatitis B virus capsid assembly intermediates by phenylpropenamide assembly accelerators. <i>ACS Chemical Biology</i> , 2010 , 5, 1125-36	4.9	121
194	Cu(II)-aza(bisoxazoline)-catalyzed asymmetric benzoylations. <i>Organic Letters</i> , 2005 , 7, 2325-8	6.2	121
193	Natural Nanochemical Building Blocks: Icosahedral Virus Particles Organized by Attached Oligonucleotides. <i>Nano Letters</i> , 2004 , 4, 1385-1389	11.5	120
192	Peptide cyclization and cyclodimerization by Cu(I)-mediated azide-alkyne cycloaddition. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2964-74	4.2	114
191	DNA-controlled assembly of a NaCl lattice structure from gold nanoparticles and protein nanoparticles. <i>Nature Materials</i> , 2010 , 9, 918-22	27	113

190	Buckyballs meet viral nanoparticles: candidates for biomedicine. <i>Journal of the American Chemical Society</i> , 2009 , 131, 17093-5	16.4	108
189	Defining criteria for oligomannose immunogens for HIV using icosahedral virus capsid scaffolds. <i>Chemistry and Biology</i> , 2010 , 17, 357-70		108
188	Chemical modification of viruses and virus-like particles. <i>Current Topics in Microbiology and Immunology</i> , 2009 , 327, 1-21	3.3	106
187	Kinetic resolution by copper-catalyzed azide-alkyne cycloaddition. <i>Tetrahedron Letters</i> , 2005 , 46, 4543-4546	4.6	105
186	Small-molecule effectors of hepatitis B virus capsid assembly give insight into virus life cycle. <i>Journal of Virology</i> , 2008 , 82, 10262-70	6.6	100
185	Assembly-directed antivirals differentially bind quasiequivalent pockets to modify hepatitis B virus capsid tertiary and quaternary structure. <i>Structure</i> , 2013 , 21, 1406-16	5.2	99
184	Multivalent display and receptor-mediated endocytosis of transferrin on virus-like particles. <i>ChemBioChem</i> , 2010 , 11, 1273-9	3.8	98
183	Crosslinking of and coupling to viral capsid proteins by tyrosine oxidation. <i>Chemistry and Biology</i> , 2004 , 11, 319-26		96
182	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	92
181	Plasma clearance of bacteriophage Qbeta particles as a function of surface charge. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1328-34	16.4	88
180	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, 17107-12	11.5	85
179	Anti-carbohydrate antibodies elicited by polyvalent display on a viral scaffold. <i>ChemBioChem</i> , 2007 , 8, 1455-62	3.8	83
178	Electrochemically protected copper(I)-catalyzed azide-alkyne cycloaddition. <i>ChemBioChem</i> , 2008 , 9, 1481-6	3.6	83
177	"Clickable" agarose for affinity chromatography. <i>Bioconjugate Chemistry</i> , 2005 , 16, 1536-41	6.3	83
176	Organometallic Diradical Cycloaromatization Reaction. <i>Journal of the American Chemical Society</i> , 1995 , 117, 8045-8046	16.4	81
175	Glycan-targeted virus-like nanoparticles for photodynamic therapy. <i>Biomacromolecules</i> , 2012 , 13, 2333-86.9	6.9	80
174	Cell targeting with hybrid Q β virus-like particles displaying epidermal growth factor. <i>ChemBioChem</i> , 2011 , 12, 2441-7	3.8	79
173	Icosahedral virus particles as polyvalent carbohydrate display platforms. <i>ChemBioChem</i> , 2003 , 4, 1348-53.8	3.8	72

172	Amblyomma sculptum tick saliva: IgG identification, antibody response and possible association with red meat allergy in Brazil. <i>International Journal for Parasitology</i> , 2016 , 46, 213-220	4.3	70
171	On-virus construction of polyvalent glycan ligands for cell-surface receptors. <i>Journal of the American Chemical Society</i> , 2008 , 130, 4578-9	16.4	69
170	Boosting immunity to small tumor-associated carbohydrates with bacteriophage Q β capsids. <i>ACS Chemical Biology</i> , 2013 , 8, 1253-62	4.9	67
169	-Aryl-linked spirocyclic polymers for membrane separations of complex hydrocarbon mixtures. <i>Science</i> , 2020 , 369, 310-315	33.3	67
168	Label-free quantification of membrane-ligand interactions using backscattering interferometry. <i>Nature Biotechnology</i> , 2011 , 29, 357-60	44.5	66
167	Encapsidated atom-transfer radical polymerization in Q β virus-like nanoparticles. <i>ACS Nano</i> , 2014 , 8, 8003-14	16.7	65
166	Two new asymmetric epoxidation catalysts. Unusual stoichiometry and inverse enantiofacial selection. <i>Journal of Organic Chemistry</i> , 1984 , 49, 728-731	4.2	65
165	Glycomimetic ligands for the human asialoglycoprotein receptor. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1978-81	16.4	64
164	Relative performance of alkynes in copper-catalyzed azide-alkyne cycloaddition. <i>Bioconjugate Chemistry</i> , 2013 , 24, 684-9	6.3	64
163	Colorful virus-like particles: fluorescent protein packaging by the Q β capsid. <i>Biomacromolecules</i> , 2011 , 12, 3977-81	6.9	62
162	An unexpected example of protein-templated click chemistry. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6817-20	16.4	62
161	Assembly of hybrid bacteriophage Q β virus-like particles. <i>Biochemistry</i> , 2009 , 48, 11155-7	3.2	60
160	Blue fluorescent antibodies as reporters of steric accessibility in virus conjugates. <i>Bioconjugate Chemistry</i> , 2003 , 14, 38-43	6.3	59
159	A mass spectrometry plate reader: monitoring enzyme activity and inhibition with a Desorption/Ionization on Silicon (DIOS) platform. <i>ChemBioChem</i> , 2004 , 5, 921-7	3.8	56
158	Thia-, aza-, and seleno[3.3.1]bicyclononane dichlorides: rates vs internal nucleophile in anchimeric assistance. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4392-5	4.2	54
157	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	54
156	Mechanistic Studies of the Zirconium(IV)-triisopropanolamine-Catalyzed Enantioselective Addition of Azide to Cyclohexene Oxide. <i>Journal of Organic Chemistry</i> , 1998 , 63, 6656-6666	4.2	54
155	Effect of Nonsolvent Treatments on the Microstructure of PIM-1. <i>Macromolecules</i> , 2015 , 48, 5780-5790	5.5	52

154	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	6.6	50
153	Novel inhibitors for PRMT1 discovered by high-throughput screening using activity-based fluorescence polarization. <i>ACS Chemical Biology</i> , 2012 , 7, 1198-204	4.9	50
152	New catalysts for the asymmetric hydrosilylation of ketones discovered by mass spectrometry screening. <i>Journal of Organic Chemistry</i> , 2003 , 68, 2540-6	4.2	50
151	Programmable multistage drug delivery to lymph nodes. <i>Nature Nanotechnology</i> , 2020 , 15, 491-499	28.7	49
150	Learning from nature - novel synthetic biology approaches for biomaterial design. <i>Acta Biomaterialia</i> , 2014 , 10, 1761-9	10.8	49
149	Virus-like Particle Display of the β Gal Carbohydrate for Vaccination against Infection. <i>ACS Central Science</i> , 2017 , 3, 1026-1031	16.8	48
148	Synthesis of biologically active N- and O-linked glycans with multisialylated poly-N-acetyllactosamine extensions using <i>P. damsela</i> α -6 sialyltransferase. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18280-18283	16.4	48
147	Effects of a novel arginine methyltransferase inhibitor on T-helper cell cytokine production. <i>FEBS Journal</i> , 2010 , 277, 2096-108	5.7	48
146	Engineered mutations change the structure and stability of a virus-like particle. <i>Biomacromolecules</i> , 2012 , 13, 2339-48	6.9	47
145	A hierarchy of aryloxide deprotection by boron tribromide. <i>Organic Letters</i> , 2004 , 6, 2777-9	6.2	47
144	Palladium-Catalyzed Head-to-Head Telomerization of Isoprene with Amines. <i>Organometallics</i> , 2000 , 19, 2684-2689	3.8	47
143	T cells control the generation of nanomolar-affinity anti-glycan antibodies. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1491-1504	15.9	47
142	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	16.4	46
141	Guiding plant virus particles to integrin-displaying cells. <i>Nanoscale</i> , 2012 , 4, 3698-705	7.7	45
140	Glycosylation using unprotected alkynyl donors. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8417-20	4.2	44
139	Degradable conjugates from oxanorbornadiene reagents. <i>Journal of the American Chemical Society</i> , 2012 , 134, 6491-7	16.4	43
138	Microscale NMR screening of new detergents for membrane protein structural biology. <i>Journal of the American Chemical Society</i> , 2008 , 130, 7357-63	16.4	43
137	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, 117-28	4.7	42

136	Organotransition-Metal Metallacarboranes. 36. A Remarkably Stable Transition-Metal-Benzyne 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	16.4	42
135	Treatment of influenza and SARS-CoV-2 infections via mRNA-encoded Cas13a in rodents. <i>Nature Biotechnology</i> , 2021 , 39, 717-726	44.5	41
134	Taming chlorine azide: access to 1,2-azidochlorides from alkenes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2740-55	4.2	40
133	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, 156-67	5.5	39
132	Palladium-catalyzed coupling of functionalized bromoarenes to a polystyrene-bound aryl tributylstannane. <i>Tetrahedron Letters</i> , 1999 , 40, 415-418	2	39
131	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	16.4	39
130	Measurement of monovalent and polyvalent carbohydrate-lectin binding by back-scattering interferometry. <i>Analytical Chemistry</i> , 2009 , 81, 4889-97	7.8	38
129	Insertion Reactions of Tantalum(V) Carborane Alkyl and Aryl Complexes with Nitriles and Isonitriles. Thermal and Photochemical Isomerization of η^2 -Iminoacyl Isomers ¹ . <i>Organometallics</i> , 1997 , 16, 3993-4000	3.8	37
128	Significant Impact of Immunogen Design on the Diversity of Antibodies Generated by Carbohydrate-Based Anticancer Vaccine. <i>ACS Chemical Biology</i> , 2015 , 10, 2364-72	4.9	36
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	3.9	35
126	Organotransition-Metal Metallacarboranes. 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	3.8	35
125	Heparin antagonism by polyvalent display of cationic motifs on virus-like particles. <i>ChemBioChem</i> , 2009 , 10, 503-10	3.8	34
124	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, 4386-92	4.2	34
123	Titanium and Zirconium Et ₂ C ₂ B ₄ H ₄ Metal Phosphine Complexes: Synthesis, Characterization, and Ethylene Polymerization Activity ¹ . <i>Journal of the American Chemical Society</i> , 2000 , 122, 10573-10580	16.4	32
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	16.4	32
121	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 ¹ . <i>Organometallics</i> , 1998 , 17, 3865-3874	3.8	30
120	The first benzannulation chemistry of manganese carbene complexes: activation by d ₀ metalation. <i>Organometallics</i> , 1992 , 11, 1759-1761	3.8	30
119	Evolution and protein packaging of small-molecule RNA aptamers. <i>ACS Nano</i> , 2011 , 5, 7722-9	16.7	28

118	Bioorthogonal chemistry. <i>Nature Reviews Methods Primers</i> , 2021 , 1,		28
117	Synthesis and Immunological Evaluation of Disaccharide Bearing MUC-1 Glycopeptide Conjugates with Virus-like Particles. <i>ACS Chemical Biology</i> , 2019 , 14, 2176-2184	4.9	27
116	Small molecule regulation of protein conformation by binding in the Flap of HIV protease. <i>ACS Chemical Biology</i> , 2013 , 8, 1223-31	4.9	27
115	Phase diagrams map the properties of antiviral agents directed against hepatitis B virus core assembly. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 1505-8	5.9	27
114	Structure and bonding of heterobimetallic Fischer carbene complexes. <i>Organometallics</i> , 1992 , 11, 745-751	5.18	27
113	Multifunctional Enzyme Packaging and Catalysis in the Q β Protein Nanoparticle. <i>Biomacromolecules</i> , 2018 , 19, 3945-3957	6.9	27
112	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	4.9	27
111	Thiabicyclononane-Based Antimicrobial Polycations. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15401-15406	16.4	26
110	A Nonaggregating Heptamethine Cyanine for Building Brighter Labeled Biomolecules. <i>ACS Chemical Biology</i> , 2019 , 14, 934-940	4.9	26
109	Highly Efficient Ring Closure of Aromatic Dialdehydes to Macrocyclic Allenes. <i>Journal of the American Chemical Society</i> , 1997 , 119, 3429-3433	16.4	26
108	Vinylphosphonium Salts and Allenes from Carbonyl Compounds Using Titanium-Substituted Ylides. <i>Journal of Organic Chemistry</i> , 1997 , 62, 2564-2573	4.2	26
107	Small Carborane Ligands as Tailorable Cp Surrogates. Halogenation, Alkylation, and Arylation at Metal and Cage Positions on CpX ₂ M(Et ₂ C ₂ B ₄ H ₄) Complexes (M = Ta, Nb) ¹ . <i>Organometallics</i> , 2000 , 19, 2200-2207	3.8	26
106	Homogeneous catalysis as a tool for organic synthesis. <i>Pure and Applied Chemistry</i> , 1998 , 70, 1041-1046	2.1	25
105	A new condensation synthesis of allenes and dienes. <i>Journal of Organic Chemistry</i> , 1993 , 58, 1298-1299	4.2	25
104	Protective Coatings for Aluminum Alloy Based on Hyperbranched 1,4-Polytriazoles. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 4231-4243	9.5	24
103	Modular degradable hydrogels based on thiol-reactive oxanorbornadiene linkers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4984-7	16.4	24
102	A hydridotantalum(V)-carborane analogue of Schwartz's reagent: synthesis and reactivity ¹ Organotransition-Metal Metallacarboranes. 49. For part 48, see Ref. [1]. ¹² Dedicated to Professor Kenneth Wade on the occasion of his 65th birthday. ² <i>Journal of Organometallic Chemistry</i> , 1998 , 550, 469-472	2.3	24
101	A thermally-cleavable linker for solid-phase synthesis. <i>Tetrahedron Letters</i> , 2005 , 46, 1181-1184	2	24

100	Measurement of enantiomeric excess of amines by mass spectrometry following kinetic resolution with solid-phase chiral acylating agents. <i>Tetrahedron Letters</i> , 2001 , 42, 2617-2619	2	24
99	Synthesis and cycloaromatization kinetics of aromatic allene enynes. <i>Tetrahedron</i> , 1999 , 55, 29-62	2.4	24
98	Chemical Synthesis of GM2 Glycans, Bioconjugation with Bacteriophage Q β and the Induction of Anticancer Antibodies. <i>ChemBioChem</i> , 2016 , 17, 174-80	3.8	24
97	Immobilization of bacteriophage Q β on metal-derivatized surfaces via polyvalent display of hexahistidine tags. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 2142-6	4.2	23
96	Cytotoxicity of tantalum(V) and niobium(V) small carborane complexes and mode of action in P388 lymphocytic leukemia cells. <i>Applied Organometallic Chemistry</i> , 2000 , 14, 108-118	3.1	23
95	Intramolecular benzannulation reactions of manganese carbene complexes. <i>Journal of the American Chemical Society</i> , 1992 , 114, 8735-8736	16.4	23
94	Polyvalent display of heme on hepatitis B virus capsid protein through coordination to hexahistidine tags. <i>Chemistry and Biology</i> , 2008 , 15, 513-9		22
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