

Dmitri V Filippov

List of Publications by Year in descending order

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167
papers

6,337
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81900

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183
times ranked

7318
citing authors

#	ARTICLE	IF	CITATIONS
1	A Role for Piwi and piRNAs in Germ Cell Maintenance and Transposon Silencing in Zebrafish. <i>Cell</i> , 2007, 129, 69-82.	28.9	989
2	Protein-primed RNA synthesis by purified poliovirus RNA polymerase. <i>Nature</i> , 1998, 393, 280-284.	27.8	361
3	The conformation of neurotensin bound to its G protein-coupled receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10706-10711.	7.1	227
4	A Fluorescent Broad-Spectrum Proteasome Inhibitor for Labeling Proteasomes In Vitro and In Vivo. <i>Chemistry and Biology</i> , 2006, 13, 1217-1226.	6.0	168
5	Distinct Uptake Mechanisms but Similar Intracellular Processing of Two Different Toll-like Receptor Ligand-Peptide Conjugates in Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 21145-21159.	3.4	157
6	ADP-ribose transferases, an update on function and nomenclature. <i>FEBS Journal</i> , 2022, 289, 7399-7410.	4.7	150
7	ADP-ribosylhydrolase activity of Chikungunya virus macrodomain is critical for virus replication and virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1666-1671.	7.1	147
8	Secondary chemical shifts in immobilized peptides and proteins: a qualitative basis for structure refinement under magic angle spinning. <i>Journal of Biomolecular NMR</i> , 2001, 20, 325-331.	2.8	145
9	TINS, Target Immobilized NMR Screening: An Efficient and Sensitive Method for Ligand Discovery. <i>Chemistry and Biology</i> , 2005, 12, 207-216.	6.0	133
10	Antigen storage compartments in mature dendritic cells facilitate prolonged cytotoxic T lymphocyte cross-priming capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6730-6735.	7.1	132
11	Proteomic analyses identify ARH3 as a serine mono-ADP-ribosylhydrolase. <i>Nature Communications</i> , 2017, 8, 2055.	12.8	98
12	Specific Cell-Permeable Inhibitor of Proteasome Trypsin-like Sites Selectively Sensitizes Myeloma Cells to Bortezomib and Carfilzomib. <i>Chemistry and Biology</i> , 2011, 18, 608-618.	6.0	94
13	Defining the S _N 1 Side of Glycosylation Reactions: Stereoselectivity of Glycopyranosyl Cations. <i>ACS Central Science</i> , 2019, 5, 781-788.	11.3	84
14	Efficient Induction of Antitumor Immunity by Synthetic Toll-like Receptor Ligand-Peptide Conjugates. <i>Cancer Immunology Research</i> , 2014, 2, 756-764.	3.4	83
15	Characterization of glycosyl dioxolenium ions and their role in glycosylation reactions. <i>Nature Communications</i> , 2020, 11, 2664.	12.8	83
16	An RNA virus hijacks an incognito function of a DNA repair enzyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14634-14639.	7.1	77
17	Use of benzyloxycarbonyl (Z)-based fluorophilic tagging reagents in the purification of synthetic peptides. <i>Tetrahedron Letters</i> , 2002, 43, 7809-7812.	1.4	72
18	TLR Ligand-Peptide Conjugate Vaccines. <i>Advances in Immunology</i> , 2012, 114, 177-201.	2.2	71

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19	A Poly-ADP-Ribose Trigger Releases the Auto-Inhibition of a Chromatin Remodeling Oncogene. <i>Molecular Cell</i> , 2017, 68, 860-871.e7.	9.7	70
20	Synthesis of functionalized heterocycles via a tandem Staudinger/aza-Wittig/Ugi multicomponent reaction. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 177-185.	1.8	65
21	Furanosyl Oxocarbenium Ion Stability and Stereoselectivity. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10381-10385.	13.8	64
22	Chirality of TLR-2 ligand Pam3CysSK4 in fully synthetic peptide conjugates critically influences the induction of specific CD8+ T-cells. <i>Molecular Immunology</i> , 2009, 46, 1084-1091.	2.2	58
23	Acylazetidine as a Dienophile in Bioorthogonal Inverse Electron-Demand Diels-Alder Ligation. <i>Organic Letters</i> , 2014, 16, 2744-2747.	4.6	58
24	Synthesis of Mono-ADP-Ribosylated Oligopeptides Using Ribosylated Amino Acid Building Blocks. <i>Journal of the American Chemical Society</i> , 2010, 132, 5236-5240.	13.7	57
25	Chemoselective Cleavage of <i>p</i> -Methoxybenzyl and 2-Naphthylmethyl Ethers Using a Catalytic Amount of HCl in Hexafluoro-2-propanol. <i>Journal of Organic Chemistry</i> , 2015, 80, 8796-8806.	3.2	57
26	Acetylene functionalized BODIPY dyes and their application in the synthesis of activity based proteasome probes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6169-6171.	2.2	55
27	Synthesis of Sugar Nucleotides by Application of Phosphoramidites. <i>Journal of Organic Chemistry</i> , 2008, 73, 9458-9460.	3.2	54
28	A novel, base-labile fluororous amine protecting group: synthesis and use as a tag in the purification of synthetic peptides. <i>Tetrahedron Letters</i> , 2003, 44, 9013-9016.	1.4	53
29	Synthesis of phosphorus mono- and bicycles by catalytic ring-closing metathesis. <i>Tetrahedron Letters</i> , 2001, 42, 8231-8233.	1.4	52
30	ELTA: Enzymatic Labeling of Terminal ADP-Ribose. <i>Molecular Cell</i> , 2019, 73, 845-856.e5.	9.7	52
31	Natural Product Proteomining, a Quantitative Proteomics Platform, Allows Rapid Discovery of Biosynthetic Gene Clusters for Different Classes of Natural Products. <i>Chemistry and Biology</i> , 2014, 21, 707-718.	6.0	51
32	The Effect of Lewis Acids on the Stereochemistry in the Ugi Three-Component Reaction with <i>D</i> -Lyxopyrroline. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3678-3688.	2.4	50
33	Novel TLR2-binding adjuvant induces enhanced T cell responses and tumor eradication. , 2018, 6, 146.		50
34	Peptidomimetic Glutathione Analogues as Novel γ -GT Stable GST Inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 195-205.	3.0	49
35	Azido-BODIPY Acid Reveals Quantitative Staudinger-Bertozzi Ligation in Two-Step Activity-Based Proteasome Profiling. <i>ChemBioChem</i> , 2008, 9, 1735-1738.	2.6	48
36	Synthesis of Oligoribonucleic Acid Conjugates Using a Cyclooctyne Phosphoramidite. <i>Organic Letters</i> , 2010, 12, 5486-5489.	4.6	47

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37	Synthesis and Macrodomain Binding of Mono-ADP-ribosylated Peptides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10634-10638.	13.8	45
38	Stereoselective Ribosylation of Amino Acids. <i>Organic Letters</i> , 2013, 15, 2306-2309.	4.6	44
39	TLR2 ligand-synthetic long peptide conjugates effectively stimulate tumor-draining lymph node T cells of cervical cancer patients. <i>Oncotarget</i> , 2016, 7, 67087-67100.	1.8	43
40	Synthesis of Well-Defined Adenosine Diphosphate Ribose Oligomers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4915-4918.	13.8	42
41	Synthetic L- and D-Ser-ADP-ribosylated Peptides Reveal L-Ser-ADPr as the Native Epimer. <i>Organic Letters</i> , 2018, 20, 4140-4143.	4.6	42
42	Identification of a neo-epitope dominating endogenous CD8 T cell responses to MC-38 colorectal cancer. <i>Oncoimmunology</i> , 2020, 9, 1673125.	4.6	40
43	Systematic Dual Targeting of Dendritic Cell C-Type Lectin Receptor DC-SIGN and TLR7 Using a Trifunctional Mannosylated Antigen. <i>Frontiers in Chemistry</i> , 2019, 7, 650.	3.6	37
44	An expeditious route to phosphorus heterocycles based on ring-closing metathesis. <i>Tetrahedron Letters</i> , 2000, 41, 8635-8638.	1.4	36
45	Bioorthogonal Deprotection on the Dendritic Cell Surface for Chemical Control of Antigen Cross-Presentation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5628-5631.	13.8	36
46	New Quantitative Mass Spectrometry Approaches Reveal Different ADP-ribosylation Phases Dependent On the Levels of Oxidative Stress. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 949-958.	3.8	36
47	Mechanistic insights into the three steps of poly(ADP-ribosylation) reversal. <i>Nature Communications</i> , 2021, 12, 4581.	12.8	34
48	Simple and Efficient Solution-Phase Synthesis of Oligonucleotides Using Extractive Work-Up. <i>Organic Process Research and Development</i> , 2006, 10, 1238-1245.	2.7	33
49	Intertwined Precursor Supply during Biosynthesis of the Catecholate-Hydroxamate Siderophores Qinichelins in <i>Streptomyces</i> sp. MBT76. <i>ACS Chemical Biology</i> , 2017, 12, 2756-2766.	3.4	33
50	Synthesis and Macrodomain Binding of Mono-ADP-ribosylated Peptides. <i>Angewandte Chemie</i> , 2016, 128, 10792-10796.	2.0	32
51	A Two-Armed Lanthanoid-Chelating Paramagnetic NMR Probe Linked to Proteins via Thioether Linkages. <i>Chemistry - A European Journal</i> , 2014, 20, 6256-6258.	3.3	31
52	N-Tetradecylcarbonyl Lipopeptides as Novel Agonists for Toll-like Receptor 2. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6873-6878.	6.4	31
53	Effective Melanoma Immunotherapy in Mice by the Skin-Depigmenting Agent Monobenzone and the Adjuvants Imiquimod and CpG. <i>PLoS ONE</i> , 2010, 5, e10626.	2.5	30
54	Synthesis of thiol-modified peptide nucleic acids designed for post-assembly conjugation reactions. <i>Tetrahedron</i> , 2006, 62, 3248-3258.	1.9	29

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55	Chemical Control over T-Cell Activation <i>in Vivo</i> Using Deprotection of <i>trans</i> -Cyclooctene-Modified Epitopes. <i>ACS Chemical Biology</i> , 2018, 13, 1569-1576.	3.4	29
56	Stereoselectivity in the Lewis Acid Mediated Reduction of Ketofuranoses. <i>Journal of Organic Chemistry</i> , 2015, 80, 4553-4565.	3.2	28
57	Self-Adjuvanting Cancer Vaccines from Conjugation-Ready Lipid A Analogues and Synthetic Long Peptides. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11691-11706.	6.4	28
58	How Lewis Acids Catalyze Ring-Openings of Cyclohexene Oxide. <i>Journal of Organic Chemistry</i> , 2021, 86, 3565-3573.	3.2	28
59	Reading ADP-ribosylation signaling using chemical biology and interaction proteomics. <i>Molecular Cell</i> , 2021, 81, 4552-4567.e8.	9.7	28
60	A Versatile One-Pot Procedure to Phosphate Monoesters and Pyrophosphates Using Di(<i>p</i> -methoxybenzyl)- <i>N,N</i> -diisopropylphosphoramidite. <i>Organic Letters</i> , 2008, 10, 4461-4464.	4.6	27
61	Fluorous Linker Facilitated Synthesis of Teichoic Acid Fragments. <i>Organic Letters</i> , 2012, 14, 848-851.	4.6	27
62	Modification of picornavirus genomic RNA using <i>click</i> ™ chemistry shows that unlinking of the VPg peptide is dispensable for translation and replication of the incoming viral RNA. <i>Nucleic Acids Research</i> , 2014, 42, 2473-2482.	14.5	27
63	Inhibition of glutathione S-transferase in rat hepatocytes by a glycine-tetrazole modified S-alkyl-GSH analogue. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1579-1582.	2.2	26
64	Direct and two-step bioorthogonal probes for Bruton's tyrosine kinase based on ibrutinib: a comparative study. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5147-5157.	2.8	26
65	Fast and pH-Independent Elimination of <i>trans</i> -Cyclooctene by Using Aminoethyl-Functionalized Tetrazines. <i>Chemistry - A European Journal</i> , 2018, 24, 18075-18081.	3.3	26
66	Furanosyl Oxocarbenium Ion Conformational Energy Landscape Maps as a Tool to Study the Glycosylation Stereoselectivity of 2-Azidofuranoses, 2-Fluorofuranoses and Methyl Furanosyl Uronates. <i>Chemistry - A European Journal</i> , 2019, 25, 7149-7157.	3.3	26
67	Methylsulfonylethoxycarbonyl (Msc) and fluorous propylsulfonylethoxycarbonyl (FPsc) as hydroxy-protecting groups in carbohydrate chemistry. <i>Tetrahedron Letters</i> , 2009, 50, 2185-2188.	1.4	24
68	Ribosylation of Adenosine: An Orthogonally Protected Building Block for the Synthesis of ADP-Ribosyl Oligomers. <i>Organic Letters</i> , 2011, 13, 2920-2923.	4.6	24
69	Dual Synthetic Peptide Conjugate Vaccine Simultaneously Triggers TLR2 and NOD2 and Activates Human Dendritic Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 1150-1161.	3.6	24
70	Synthesis of 2-alkoxy-8-hydroxyadenylpeptides: Towards synthetic epitope-based vaccines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3258-3261.	2.2	23
71	Synthesis of a nucleopeptide fragment from poliovirus genome. <i>Tetrahedron Letters</i> , 1998, 39, 3597-3600.	1.4	22
72	2-Azidoalkoxy-7-hydro-8-oxoadenine derivatives as TLR7 agonists inducing dendritic cell maturation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2249-2251.	2.2	22

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73	Interaction of the amyloid β peptide with sodium dodecyl sulfate as a membrane-mimicking detergent. <i>Journal of Biological Physics</i> , 2016, 42, 299-315.	1.5	22
74	Combined Phosphoramidite-Phosphodiester Reagents for the Synthesis of Methylene Bisphosphonates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2955-2959.	13.8	22
75	Functions of base flipping in <i>E. coli</i> nucleotide excision repair. <i>DNA Repair</i> , 2008, 7, 1647-1658.	2.8	21
76	A General Approach Towards Triazole-Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1659-1662.	13.8	21
77	Monitoring Alzheimer Amyloid Peptide Aggregation by EPR. <i>Applied Magnetic Resonance</i> , 2009, 36, 209-222.	1.2	20
78	Synthesis, Reactivity, and Stereoselectivity of 4-Thiofuranosides. <i>Journal of Organic Chemistry</i> , 2019, 84, 1218-1227.	3.2	20
79	Molecular Tools for the Study of ADP-Ribosylation: A Unified and Versatile Method to Synthesize Native Mono-ADP-Ribosylated Peptides. <i>Chemistry - A European Journal</i> , 2021, 27, 10621-10627.	3.3	20
80	Synthesis of β -Lactams via Ring Opening of a Serine Derived Aziridine. <i>Synlett</i> , 2001, 2001, 1727-1730.	1.8	19
81	Physicochemical property consensus sequences for functional analysis, design of multivalent antigens and targeted antivirals. <i>BMC Bioinformatics</i> , 2012, 13, S9.	2.6	19
82	Lipophilic Muramyl Dipeptide Antigen Conjugates as Immunostimulating Agents. <i>ChemMedChem</i> , 2016, 11, 190-198.	3.2	19
83	Structure-Based Design of β -5c Selective Inhibitors of Human Constitutive Proteasomes. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7177-7187.	6.4	19
84	Branching of poly(ADP-ribose): Synthesis of the Core Motif. <i>Organic Letters</i> , 2015, 17, 4328-4331.	4.6	18
85	Streamlined Synthesis and Evaluation of Teichoic Acid Fragments. <i>Chemistry - A European Journal</i> , 2018, 24, 4014-4018.	3.3	18
86	Hydrogen bonding between adenine and 2,4-difluorotoluene is definitely not present, as shown by concentration-dependent NMR studies. <i>New Journal of Chemistry</i> , 2000, 24, 195-197.	2.8	17
87	Synthesis of Nucleotidylated Poliovirus VPg Proteins. <i>Journal of Organic Chemistry</i> , 2010, 75, 5733-5736.	3.2	17
88	Automated solid phase synthesis of teichoic acids. <i>Chemical Communications</i> , 2011, 47, 8961.	4.1	17
89	Sequence specificity for uridylation of the viral peptide linked to the genome (VPg) of enteroviruses. <i>Virology</i> , 2015, 484, 80-85.	2.4	17
90	Peptides conjugated to 2-alkoxy-8-oxo-adenine as potential synthetic vaccines triggering TLR7. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1340-1344.	2.2	17

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91	Stepwise solid phase synthesis of uridylylated viral genome-linked peptides using uridylylated amino acid building blocks. <i>Tetrahedron</i> , 2003, 59, 1589-1597.	1.9	16
92	Light fluoros synthesis of glucosylated glycerol teichoic acids. <i>Carbohydrate Research</i> , 2012, 356, 142-151.	2.3	16
93	Two in one: improving synthetic long peptide vaccines by combining antigen and adjuvant in one molecule. <i>Oncolmunology</i> , 2014, 3, e947892.	4.6	16
94	α -Mannosyl Lysine for Solid Phase Assembly of Mannosylated Peptide Conjugate Cancer Vaccines. <i>ACS Chemical Biology</i> , 2020, 15, 728-739.	3.4	16
95	Reactivityâ€“Stereoselectivity Mapping for the Assembly of <i>Mycobacterium marinum</i> Lipooligosaccharides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 937-945.	13.8	16
96	Computational and NMR Studies on the Complexation of Lithium Ion to 8â€“Crownâ€“4. <i>ChemPhysChem</i> , 2019, 20, 2103-2109.	2.1	15
97	Chemical ADP-ribosylation: mono-ADPr-peptides and oligo-ADP-ribose. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5460-5474.	2.8	15
98	Synthesis of novel amino acid carbohydrate hybrids via Mitsunobu glycosylation of nitrobenzenesulfonamides. <i>Tetrahedron Letters</i> , 2001, 42, 5763-5767.	1.4	14
99	NMR solution structure of poliovirus uridylyated peptide linked to the genome (VPgpU). <i>Peptides</i> , 2010, 31, 1441-1448.	2.4	14
100	Synthesis of the antibiologically active part of agrocin 84. <i>Tetrahedron Letters</i> , 1998, 39, 4891-4894.	1.4	13
101	Chemically synthesized protein as tumour-specific vaccine: immunogenicity and efficacy of synthetic HPV16 E7 in the TC-1 mouse tumour model. <i>Vaccine</i> , 2004, 23, 305-311.	3.8	13
102	1,3-Dimethylumazine Derivatives from <i>Limnatis nilotica</i> . <i>Journal of Natural Products</i> , 2005, 68, 938-941.	3.0	13
103	Study of the Glycosidation Properties of 1-Thiomannosazidopyranosides and 1-Thiomannosaziduronic Acid Esters. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 116-124.	2.4	13
104	On the Synthesis of Oligonucleotides Interconnected through Pyrophosphate Linkages. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6084-6091.	2.4	13
105	Targeting of the C-Type Lectin Receptor Langerin Using Bifunctional Mannosylated Antigens. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 556.	3.7	13
106	An approach to the synthesis of peptideâ€“PNAâ€“peptide conjugates via native ligation. <i>Tetrahedron Letters</i> , 2002, 43, 8173-8176.	1.4	12
107	Synthesis and evaluation of fluorescent Pam3Cys peptide conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3641-3645.	2.2	12
108	Binding and retention of polycationic peptides and dendrimers in the vascular wall. <i>FEBS Letters</i> , 2003, 537, 6-10.	2.8	11

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109	Chemical synthesis of picornaviral protein primers of RNA replication. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3576.	2.8	11
110	Cyclopentitol as a scaffold for a natural product-like compound library for drug discovery. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2650-2655.	3.0	11
111	Synthesis of ribosyl-ribosyl-adenosine-5'-(triphosphate) the naturally occurring branched fragment of poly(ADP ribose). <i>Chemical Communications</i> , 2017, 53, 10255-10258.	4.1	11
112	Chemical synthesis of guanosine diphosphate mannuronic acid (GDP-ManA) and its C-4-O-methyl and C-4-deoxy congeners. <i>Carbohydrate Research</i> , 2017, 450, 12-18.	2.3	11
113	Stabilization of Glucosyl Dioxolenium Ions by Dual Participation of the 2,2-Dimethyl-2-(ortho-nitrophenyl)acetyl (DMNPA) Protection Group for 1,2-cis-Glucosylation. <i>Journal of Organic Chemistry</i> , 2022, 87, 9139-9147.	3.2	11
114	Synthesis of Peptide-PNA-Peptide Conjugates by Semi-Solid-Phase Chemical Ligation Combined with Deactivation/Capture of Excess Reactants. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 850-857.	2.4	10
115	(Automated) Synthesis of Well-defined <i>Staphylococcus Aureus</i> Wall Teichoic Acid Fragments. <i>Chemistry - A European Journal</i> , 2021, 27, 10461-10469.	3.3	10
116	Fully automated sequential solid phase approach towards viral RNA-nucleopeptides. <i>Chemical Communications</i> , 2012, 48, 8093.	4.1	9
117	Design, automated synthesis and immunological evaluation of NOD2-ligand antigen conjugates. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1445-1453.	2.2	9
118	The Optimization of Bioorthogonal Epitope Ligation within MHC-I Complexes. <i>ACS Chemical Biology</i> , 2016, 11, 3172-3178.	3.4	9
119	ADP-Ribosylation Goes Normal: Serine as the Major Site of the Modification. <i>Cell Chemical Biology</i> , 2017, 24, 431-432.	5.2	9
120	The synthesis of a menthol derivative of 2-aminopurine as a fluorescent DNA lesion. <i>Tetrahedron</i> , 2009, 65, 10430-10435.	1.9	8
121	Exploring dual electrophiles in peptide-based proteasome inhibitors: carbonyls and epoxides. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5710-5718.	2.8	8
122	A Mutasynthesis Approach with a <i>Penicillium chrysogenum</i> \hat{r} <i>roqA</i> Strain Yields New Roquefortine D Analogues. <i>ChemBioChem</i> , 2015, 16, 915-923.	2.6	8
123	Synthesis of a PNA-Peptide Conjugate by Chemical Ligation. <i>Synlett</i> , 2001, 2001, 1516-1518.	1.8	7
124	Synthesis of an α -Gal epitope α -D-Galp(1 \rightarrow 3)- α -D-Galp(1 \rightarrow 4)- α -D-Glc p NAc lipid conjugate. <i>Journal of Carbohydrate Chemistry</i> , 2005, 24, 755-769.	1.1	7
125	A two-step sulfurization for efficient solution-phase synthesis of phosphorothioate oligonucleotides. <i>Tetrahedron Letters</i> , 2008, 49, 3129-3132.	1.4	7
126	Fluorogenic Bifunctional trans-Cyclooctenes as Efficient Tools for Investigating Click-to-Release Kinetics. <i>Chemistry - A European Journal</i> , 2020, 26, 9900-9904.	3.3	7

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127	Synthesis of orthogonally protected and functionalized bacillosamines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2834-2837.	2.8	7
128	Development of ADPRibosyl Ubiquitin Analogues to Study Enzymes Involved in Legionella Infection. <i>Chemistry - A European Journal</i> , 2021, 27, 2506-2512.	3.3	7
129	Mimetics of ADP-Ribosylated Histidine through Copper(I)-Catalyzed Click Chemistry. <i>Organic Letters</i> , 2022, 24, 3776-3780.	4.6	7
130	Synthesis of macrocyclic peptide nucleic acid derivatives via intramolecular chemical ligation. <i>Tetrahedron Letters</i> , 2003, 44, 7597-7600.	1.4	6
131	Design, Synthesis, and Structural Analysis of Turn Modified α -Cyclodextrin- β -Cyclodextrin Peptide Derivatives toward Crystalline Hexagon-Shaped Cationic Nanochannel Assemblies. <i>Crystal Growth and Design</i> , 2013, 13, 4355-4367.	3.0	6
132	Combined Phosphoramidite-Phosphodiester Reagents for the Synthesis of Methylene Bisphosphonates. <i>Angewandte Chemie</i> , 2017, 129, 3001-3005.	2.0	6
133	Synthesis of Stable NAD ⁺ Mimics as Inhibitors for the Legionella pneumophila Phosphoribosyl Ubiquitylating Enzyme SdeC. <i>ChemBioChem</i> , 2020, 21, 2903-2907.	2.6	6
134	Synthesis of C-Glycosyl Amino Acid Building Blocks Suitable for the Solid-Phase Synthesis of Multivalent Glycopeptide Mimics. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5126-5139.	2.4	6
135	Reactivity-Selectivity Mapping for the Assembly of Mycobacterium marinum Lipooligosaccharides. <i>Angewandte Chemie</i> , 2021, 133, 950-958.	2.0	6
136	Multivalent, Stabilized Mannose-6-Phosphates for the Targeted Delivery of Toll-Like Receptor Ligands and Peptide Antigens. <i>ChemBioChem</i> , 2021, 22, 434-440.	2.6	6
137	A Three-Step Synthesis of 4-Hydroxycyclopenta[def]phenanthrene from Pyrene. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2013-2017.	2.4	6
138	Methylsulfonylethoxycarbonyl Group as a Protection for the Guanidino Function in Arginine. <i>Synlett</i> , 1994, 1994, 922-924.	1.8	5
139	An Approach to the Solid Phase Synthesis of Oligonucleotides Containing N-Acylphosphoramidate Internucleosidic Linkages. <i>Synlett</i> , 1996, 1996, 769-771.	1.8	5
140	Olaparib-Based Photoaffinity Probes for PARP-1 Detection in Living Cells. <i>ChemBioChem</i> , 2020, 21, 2431-2434.	2.6	5
141	Simplified Monopalmitoyl Toll-Like Receptor 2 Ligand Mini-Pam for Self-Adjuvanting Neoantigen-Based Synthetic Cancer Vaccines. <i>ChemBioChem</i> , 2021, 22, 1215-1222.	2.6	5
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