JÃ¶rg Rademann

List of Publications by Year
in descending order

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152 papers	4,883 citations	108046 37 h-index	145109 60 g-index
184 all docs	184 docs citations	184 times ranked	6717 citing authors

#	Article	IF	Citations
1	Peptideâ€“Bismuth Bicycles: In Situ Access to Stable Constrained Peptides with Superior Bioactivity. Angewandte Chemie - International Edition, 2022, 61, .	7.2	11
2	Peptideâ€“Bismuth Bicycles: In Situ Access to Stable Constrained Peptides with Superior Bioactivity. Angewandte Chemie, 2022, 134, .	1.6	3
3	Pentafluorophosphatoâ€Phenylalanines:ÂAmphiphilic Phosphotyrosine Mimetics Displaying Fluorineâ€Specific Protein Interactions. Angewandte Chemie - International Edition, 2022, , .	7.2	3
4	A Formylglycineâ€Peptide for the Siteâ€Directed Identification of Phosphotyrosineâ€Mimetic Fragments**. Chemistry - A European Journal, 2022, 28, .	1.7	4
5	2-Cyanoisonicotinamide Conjugation: A Facile Approach to Generate Potent Peptide Inhibitors of the Zika Virus Protease. ACS Medicinal Chemistry Letters, 2021, 12, 732-737.	1.3	21
6	Chemische Evolution antiviraler Wirkstoffe gegen Enterovirus D68 durch Proteintemplatâ€gesteuerte Knoevenagelreaktionen. Angewandte Chemie, 2021, 133, 13405-13413.	1.6	1
7	Chemical Evolution of Antivirals Against Enterovirus D68 through Proteinâ€Templated Knoevenagel Reactions. Angewandte Chemie - International Edition, 2021, 60, 13294-13301.	7.2	9
8	Small-molecule inhibitors of the PDZ domain of Dishevelled proteins interrupt Wnt signalling. Magnetic Resonance, 2021, 2, 355-374.	0.8	5
9	Tuning the network charge of biohybrid hydrogel matrices to modulate the release of SDF-1. Biological Chemistry, 2021, 402, 1453-1464.	1.2	4
10	Structural insights into the modulation of PDGF/PDGFR-Î² complexation by hyaluronan derivatives. Biological Chemistry, 2021, 402, 1441-1452.	1.2	9
11	Insights into structure, affinity, specificity, and function of GAG-protein interactions through the chemoenzymatic preparation of defined sulfated oligohyaluronans. Biological Chemistry, 2021, 402, 1375-1384.	1.2	3
12	Identification of intracellular glycosaminoglycan-interacting proteins by affinity purification mass spectrometry. Biological Chemistry, 2021, 402, 1427-1440.	1.2	5
13	Characterization of defined sulfated heparinâ€like oligosaccharides by electrospray ionization ion trap mass spectrometry. Journal of Mass Spectrometry, 2021, 56, e4692.	0.7	10
14	Nanoparticular Inhibitors of Flavivirus Proteases from Zika, West Nile and Dengue Virus Are Cell-Permeable Antivirals. ACS Medicinal Chemistry Letters, 2021, 12, 1955-1961.	1.3	3
15	Sulfation pattern dependent Iron (III) mediated interleukinâ€8 glycan binding. ChemBioChem, 2021, , .	1.3	4
16	IR action spectroscopy of glycosaminoglycan oligosaccharides. Analytical and Bioanalytical Chemistry, 2020, 412, 533-537.	1.9	24
17	Peptideâ€mediated surface coatings for the release of woundâ€healing cytokines. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1738-1748.	1.3	9
18	Catching a Moving Target: Comparative Modeling of Flaviviral NS2B-NS3 Reveals Small Molecule Zika Protease Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 514-520.	1.3	10

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19	Side-Chain Modification of Peptides Using a Phosphoranylidene Amino Acid. Organic Letters, 2020, 22, 2976-2980.	2.4	8
20	Identification and validation of a novel dual small-molecule TLR2/8 antagonist. Biochemical Pharmacology, 2020, 177, 113957.	2.0	5
21	Biological Characterization, Mechanistic Investigation and Structureâ€Activity Relationships of Chemically Stable TLR2 Antagonists. ChemMedChem, 2020, 15, 1364-1371.	1.6	8
22	Modulation of Human CXCL12 Binding Properties to Glycosaminoglycans To Enhance Chemotactic Gradients. ACS Biomaterials Science and Engineering, 2019, 5, 5128-5138.	2.6	10
23	Syntheses of defined sulfated oligohyaluronans reveal structural effects, diversity and thermodynamics of GAGâ€“protein binding. Chemical Science, 2019, 10, 866-878.	3.7	30
24	Sulfation Patterns of Saccharides and Heavy Metal Ion Binding. Chemistry - A European Journal, 2019, 25, 12083-12090.	1.7	16
25	An Intrinsic Hydrophobicity Scale for Amino Acids and Its Application to Fluorinated Compounds. Angewandte Chemie - International Edition, 2019, 58, 8216-8220.	7.2	30
26	Eine intrinsische Hydrophobieskala fÃ¼r AminosÃuren und ihre Anwendung auf fluorierte Verbindungen. Angewandte Chemie, 2019, 131, 8300-8304.	1.6	2
27	How Proteins Catalyze Ligand Formation: Protein-Templated Fragment Ligation Employed in the Validation of Cancer Targets. Proceedings (mdpi), 2019, 22, 110.	0.2	0
28	Dual Action of Sulfated Hyaluronan on Angiogenic Processes in Relation to Vascular Endothelial Growth Factor-A. Scientific Reports, 2019, 9, 18143.	1.6	28
29	Hyaluronan/collagen hydrogels containing sulfated hyaluronan improve wound healing by sustained release of heparin-binding EGF-like growth factor. Acta Biomaterialia, 2019, 86, 135-147.	4.1	113
30	The transcription factor STAT5 catalyzes Mannich ligation reactions yielding inhibitors of leukemic cell proliferation. Nature Communications, 2019, 10, 66.	5.8	25
31	Phenylthiomethyl Ketone-Based Fragments Show Selective and Irreversible Inhibition of Enteroviral 3C Proteases. Journal of Medicinal Chemistry, 2018, 61, 1218-1230.	2.9	20
32	Identification of a pyrogallol derivative as a potent and selective human TLR2 antagonist by structure-based virtual screening. Biochemical Pharmacology, 2018, 154, 148-160.	2.0	20
33	Structural Basis for Binding of Fluorescent CMP-Neu5Ac Mimetics to Enzymes of the Human ST8Sia Family. ACS Chemical Biology, 2018, 13, 2320-2328.	1.6	6
34	Proteinâ€Templated Fragment Ligationsâ€”From Molecular Recognition to Drug Discovery. Angewandte Chemie - International Edition, 2017, 56, 7358-7378.	7.2	60
35	C-type lectin receptor DCIR modulates immunity to tuberculosis by sustaining type I interferon signaling in dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E540-E549.	3.3	67
36	Proteintemplatâ€gesteuerte Fragmentligationen â€“ von der molekularen Erkennung zur Wirkstofffindung. Angewandte Chemie, 2017, 129, 7464-7485.	1.6	19

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37	Sulfated Hyaluronan Alters Endothelial Cell Activationin Vitroby Controlling the Biological Activity of the Angiogenic Factors Vascular Endothelial Growth Factor-A and Tissue Inhibitor of Metalloproteinase-3. ACS Applied Materials & Interfaces, 2017, 9, 9539-9550.	4.0	23
38	Proteinâ€templated Formation of an Inhibitor of the Blood Coagulation Factorâ€…Xa through a Backgroundâ€free Amidation Reaction. Angewandte Chemie - International Edition, 2017, 56, 3718-3722.	7.2	28
39	Sulfated Hyaluronan Derivatives Modulate TGF-Î²1:Receptor Complex Formation: Possible Consequences for TGF-Î²1 Signaling. Scientific Reports, 2017, 7, 1210.	1.6	30
40	Proteintemplat-gesteuerte Bildung eines Inhibitors des Koagulationsfaktors Xa durch eine Amidierung ohne Hintergrundreaktion. Angewandte Chemie, 2017, 129, 3772-3776.	1.6	7
41	Biotransformation of 2,4-toluenediamine in human skin and reconstructed tissues. Archives of Toxicology, 2017, 91, 3307-3316.	1.9	4
42	Rhamnolipids form drug-loaded nanoparticles for dermal drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 116, 31-37.	2.0	36
43	Benzyl Monoâ€Pâ€fluorophosphonate and Benzyl Pentaâ€Pâ€fluorophosphate Anions Are Physiologically Stable Phosphotyrosine Mimetics and Inhibitors of Protein Tyrosine Phosphatases. Chemistry - A European Journal, 2017, 23, 15387-15395.	1.7	17
44	Pharmacological inhibition of focal segmental glomerulosclerosisâ€related, gain of function mutants of TRPC6 channels by semiâ€synthetic derivatives of larixol. British Journal of Pharmacology, 2017, 174, 4099-4122.	2.7	16
45	Mapping Proteinâ€“Protein Interactions of the Resistance-Related Bacterial Zeta Toxinâ€“Epsilon Antitoxin Complex (Îµ2Î¶2) with High Affinity Peptide Ligands Using Fluorescence Polarization. Toxins, 2016, 8, 222.	1.5	11
46	Incorporation of Amino Acids with Long-Chain Terminal Olefins into Proteins. Molecules, 2016, 21, 287.	1.7	10
47	Chemoenzymatic Synthesis of Nonasulfated Tetrahyaluronan with a Paramagnetic Tag for Studying Its Complex with Interleukinâ€10. Chemistry - A European Journal, 2016, 22, 5563-5574.	1.7	35
48	Eintopfsynthese ungeschÃ¼tzter anomerer Glykosylthiole in Wasser fÃ¼r Glykanâ€Ligationen mit hochfunktionalisierten Zuckern. Angewandte Chemie, 2016, 128, 15736-15740.	1.6	7
49	Structural and functional insights into the interaction of sulfated glycosaminoglycans with tissue inhibitor of metalloproteinase-3 â€“ A possible regulatory role on extracellular matrix homeostasis. Acta Biomaterialia, 2016, 45, 143-154.	4.1	31
50	Sulfated Hyaluronan Alters the Interaction Profile of TIMP-3 with the Endocytic Receptor LRP-1 Clusters II and IV and Increases the Extracellular TIMP-3 Level of Human Bone Marrow Stromal Cells. Biomacromolecules, 2016, 17, 3252-3261.	2.6	20
51	Oneâ€Pot Synthesis of Unprotected Anomeric Glycosyl Thiols in Water for Glycan Ligation Reactions with Highly Functionalized Sugars. Angewandte Chemie - International Edition, 2016, 55, 15510-15514.	7.2	40
52	Irreversible inhibitors of the 3C protease of Coxsackie virus through templated assembly of protein-binding fragments. Nature Communications, 2016, 7, 12761.	5.8	30
53	The structural investigation of glycosaminoglycan binding to CXCL12 displays distinct interaction sites. Glycobiology, 2016, 26, 1209-1221.	1.3	27
54	Identification of the Glycosaminoglycan Binding Site of Interleukin-10 by NMR Spectroscopy. Journal of Biological Chemistry, 2016, 291, 3100-3113.	1.6	32

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55	Cholesteryl esters stabilize human CD1c conformations for recognition by self-reactive T cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1266-75.	3.3	41
56	Identification and Validation of Larixyl Acetate as a Potent TRPC6 Inhibitor. Molecular Pharmacology, 2016, 89, 197-213.	1.0	67
57	Peptideâ€“polymer ligands for a tandem WW-domain, an adaptive multivalent proteinâ€“protein interaction: lessons on the thermodynamic fitness of flexible ligands. Beilstein Journal of Organic Chemistry, 2015, 11, 837-847.	1.3	11
58	Light-switched inhibitors of protein tyrosine phosphatase PTP1B based on phosphonocarbonyl phenylalanine as photoactive phosphotyrosine mimetic. Bioorganic and Medicinal Chemistry, 2015, 23, 2839-2847.	1.4	15
59	Shp2 signaling suppresses senescence in Py <scp>MT</scp> â€induced mammary gland cancer in mice. EMBO Journal, 2015, 34, 1493-1508.	3.5	31
60	Selective Inhibitors of the Protein Tyrosine Phosphatase SHP2 Block Cellular Motility and Growth of Cancer Cells inâ€...vitro and inâ€...vivo. ChemMedChem, 2015, 10, 815-826.	1.6	65
61	Nonlinear topology optimization of centrifugally loaded aero-engine part with newly developed optimality-criteria based algorithm. Aerospace Science and Technology, 2014, 39, 705-711.	2.5	6
62	Fluorescent Mimetics of CMPâ€Neu5Ac Are Highly Potent, Cellâ€Permeable Polarization Probes of Eukaryotic and Bacterial Sialyltransferases and Inhibit Cellular Sialylation. Angewandte Chemie - International Edition, 2014, 53, 5700-5705.	7.2	18
63	Catalytic activation of pre-substrates via dynamic fragment assembly on protein templates. Nature Communications, 2014, 5, 5170.	5.8	18
64	Chemoselective Wittig and Michael Ligations of Unprotected Peptidyl Phosphoranes in Water Furnish Potent Inhibitors of Caspase-3. Organic Letters, 2014, 16, 4428-4431.	2.4	3
65	Multivalent presentation of the cell-penetrating peptide nona-arginine on a linear scaffold strongly increases its membrane-perturbing capacity. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 3097-3106.	1.4	17
66	Flexible, polymer-supported synthesis of sphingosine derivatives provides ceramides with enhanced biological activity. Bioorganic and Medicinal Chemistry, 2014, 22, 5506-5512.	1.4	6
67	Fluoreszente Mimetika von CMPâ€Neu5Ac sind hochaffine, zellgÃngige Polarisationssonden eukaryotischer und bakterieller Sialyltransferasen und inhibieren die zellulÃre Sialylierung. Angewandte Chemie, 2014, 126, 5808-5813.	1.6	4
68	Alzheimerâ€™s Disease: Identification and Development of Î²â€Secretase (BACEâ€1) Binding Fragments and Inhibitors by Dynamic Ligation Screening (DLS). ChemMedChem, 2013, 8, 1041-1056.	1.6	14
69	Effects of Charge and Charge Distribution on the Cellular Uptake of Multivalent Arginineâ€Containing Peptideâ€“Polymer Conjugates. ChemBioChem, 2013, 14, 1982-1990.	1.3	15
70	Highly Functionalized Terpyridines as Competitive Inhibitors of AKAPâ€“PKA Interactions. Angewandte Chemie - International Edition, 2013, 52, 12187-12191.	7.2	46
71	Propargyl Amides as Irreversible Inhibitors of Cysteine Proteasesâ€”A Lesson on the Biological Reactivity of Alkynes. Angewandte Chemie - International Edition, 2013, 52, 8210-8212.	7.2	23
72	Hoch funktionalisierte Terpyridine als kompetitive Inhibitoren von AKAPâ€PKAâ€Wechselwirkungen. Angewandte Chemie, 2013, 125, 12409-12413.	1.6	6

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73	Fmoc-Based Synthesis of Peptide Thioacids for Azide Ligations via 2-Cyanoethyl Thioesters. Organic Letters, 2012, 14, 5038-5041.	2.4	22
74	Extra- and Intracellular Imaging of Human Matrix Metalloprotease 11 (hMMP-11) with a Cell-penetrating FRET Substrate. Journal of Biological Chemistry, 2012, 287, 37857-37867.	1.6	19
75	Multivalent Design of Apoptosisâ€Inducing Bidâ€BH3 Peptideâ€“Oligosaccharides Boosts the Intracellular Activity at Identical Overall Peptide Concentrations. Chemistry - A European Journal, 2012, 18, 16708-16715.	1.7	29
76	Soluble Peptidyl Phosphoranes for Metal-Free, Stereoselective Ligations in Organic and Aqueous Solution. Organic Letters, 2012, 14, 14-17.	2.4	13
77	New Tacrineâ€“4-Oxo-4H-chromene Hybrids as Multifunctional Agents for the Treatment of Alzheimerâ€™s Disease, with Cholinergic, Antioxidant, and Î²-Amyloid-Reducing Properties. Journal of Medicinal Chemistry, 2012, 55, 1303-1317.	2.9	244
78	Benzoylphosphonateâ€Based Photoactive Phosphopeptide Mimetics for Modulation of Protein Tyrosine Phosphatases and Highly Specific Labeling of SH2 Domains. Angewandte Chemie - International Edition, 2012, 51, 9441-9447.	7.2	20
79	High yield expression of catalytically active USP18 (UBP43) using a Trigger Factor fusion system. BMC Biotechnology, 2012, 12, 56.	1.7	14
80	Fmoc-Based Synthesis of Peptide Thioesters for Native Chemical Ligation Employing a tert-Butyl Thiol Linker. Organic Letters, 2011, 13, 1606-1609.	2.4	37
81	Acylated cholesteryl galactosides are ubiquitous glycolipid antigens amongBorrelia burgdorferi sensu lato: Figure 1. FEMS Immunology and Medical Microbiology, 2011, 63, 140-143.	2.7	14
82	Peptide aldehyde inhibitors challenge the substrate specificity of the SARS-coronavirus main protease. Antiviral Research, 2011, 92, 204-212.	1.9	112
83	Peptideâ€“Heterocycle Chimera: New Classes of More Drugâ€Like Peptidomimetics by Ligations of Peptideâ€“Bis(electrophiles) with Various Bis(nucleophiles). European Journal of Organic Chemistry, 2011, 2011, 730-739.	1.2	10
84	Discovery, Structureâ€“Activity Relationship Studies, and Crystal Structure of Nonpeptide Inhibitors Bound to the Shank3 PDZ Domain. ChemMedChem, 2011, 6, 1411-1422.	1.6	34
85	Dynamic Substrate Enhancement for the Identification of Specific, Secondâ€Siteâ€Binding Fragments Targeting a Set of Protein Tyrosine Phosphatases. ChemBioChem, 2011, 12, 2640-2646.	1.3	25
86	Coupling to Polymeric Scaffolds Stabilizes Biofunctional Peptides for Intracellular Applications. Molecular Pharmacology, 2011, 79, 692-700.	1.0	16
87	Design of chemical libraries with potentially bioactive molecules applying a maximum common substructure concept. Molecular Diversity, 2010, 14, 401-408.	2.1	69
88	Chemoenzymatic Synthesis of a Glycolipid Library and Elucidation of the Antigenic Epitope for Construction of a Vaccine Against Lyme Disease. Chemistry - A European Journal, 2010, 16, 3536-3544.	1.7	20
89	Cyclative Cleavage through Dipolar Cycloaddition: Polymerâ€Bound Azidopeptidylphosphoranes Deliver Locked cis-Triazolylcyclopeptides as Privileged Protein Binders. Angewandte Chemie - International Edition, 2010, 49, 5378-5382.	7.2	45
90	Efficient access to peptidyl ketones and peptidyl diketones via Câ€alkylations and Câ€acylations of polymerâ€supported phosphorus ylides followed by hydrolytic and/or oxidative cleavage. Biopolymers, 2010, 94, 220-228.	1.2	13

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91	Lysosomal Pathology and Osteopetrosis upon Loss of H ⁺ -Driven Lysosomal Cl ^{â€“} Accumulation. Science, 2010, 328, 1401-1403.	6.0	210
92	Phosphoinositol 3-kinase-Î³ mediates antineutrophil cytoplasmic autoantibody-induced glomerulonephritis. Kidney International, 2010, 77, 118-128.	2.6	64
93	Dynamic template-assisted strategies in fragment-based drug discovery. Trends in Biotechnology, 2009, 27, 512-521.	4.9	45
94	Metalâ€Free, Regioselective Triazole Ligations that Deliver Locked cis Peptide Mimetics. Angewandte Chemie - International Edition, 2009, 48, 5042-5045.	7.2	64
95	Selective Identification of Cooperatively Binding Fragments in a Highâ€Throughput Ligation Assay Enables Development of a Picomolar Caspaseâ€3 Inhibitor. Angewandte Chemie - International Edition, 2009, 48, 6346-6349.	7.2	45
96	Resinâ€Bound Aminofluorescein for Câ€Terminal Labeling of Peptides: Highâ€Affinity Polarization Probes Binding to Polyprolineâ€Specific GYF Domains. ChemBioChem, 2008, 9, 2452-2462.	1.3	13
97	Sensitized Detection of Inhibitory Fragments and Iterative Development of Nonâ€Peptidic Protease Inhibitors by Dynamic Ligation Screening. Angewandte Chemie - International Edition, 2008, 47, 3275-3278.	7.2	64
98	HPMA as a Scaffold for the Modular Assembly of Functional Peptide Polymers by Native Chemical Ligation. Bioconjugate Chemistry, 2008, 19, 2081-2087.	1.8	19
99	Specific inhibitors of the protein tyrosine phosphatase Shp2 identified by high-throughput docking. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7275-7280.	3.3	199
100	Small-Molecule Scaffolds for CYP51 Inhibitors Identified by High-Throughput Screening and Defined by X-Ray Crystallography. Antimicrobial Agents and Chemotherapy, 2007, 51, 3915-3923.	1.4	70
101	C-Acylations of Polymeric Phosphoranylidene Acetates for C-Terminal Variation of Peptide Carboxylic Acids. Organic Letters, 2007, 9, 949-952.	2.4	23
102	Biophysical characterization of synthetic rhamnolipids. FEBS Journal, 2006, 273, 5101-5112.	2.2	36
103	Chemical Synthesis of a Glycolipid Library by a Solid-Phase Strategy Allows Elucidation of the Structural Specificity of Immunostimulation by Rhamnolipids. Chemistry - A European Journal, 2006, 12, 7116-7124.	1.7	55
104	An Efficient Method for the Synthesis of Peptide Aldehyde Libraries Employed in the Discovery of Reversible SARS Coronavirus Main Protease (SARSâ€CoV M pro) Inhibitors. ChemBioChem, 2006, 7, 1048-1055.	1.3	50
105	The Potential of P1 Site Alterations in Peptidomimetic Protease Inhibitors as Suggested by Virtual Screening and Explored by the Use of Cï£¿C-Coupling Reagents. ChemMedChem, 2006, 1, 445-457.	1.6	33
106	Endotoxin-like properties of a rhamnolipid exotoxin from Burkholderia (Pseudomonas) plantarii: immune cell stimulation and biophysical characterization. Biological Chemistry, 2006, 387, 301-10.	1.2	77
107	Reversible Cross-Linking of Hyperbranched Polymers: A Strategy for the Combinatorial Decoration of Multivalent Scaffolds. Angewandte Chemie - International Edition, 2005, 44, 1560-1563.	7.2	21
108	Stereospecific Synthesis of Chiral 2,3-Dihydro-1,4-benzodithiine and Methyl-2,3-dihydro-1,4-benzodithiine Derivatives and their Toxic Effects on Trypanosoma brucei. ChemBioChem, 2005, 6, 1438-1441.	1.3	1

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109	Discovery of Mycobacterium Tuberculosis Protein Tyrosine Phosphatase A (MptpA) Inhibitors Based on Natural Products and a Fragment-Based Approach. ChemBioChem, 2005, 6, 1749-1753.	1.3	60
110	Polymer-Supported Synthetic Methodsâ€"Solid-Phase Synthesis (SPS) and Polymer-Assisted Solution-Phase (PASP) Synthesis. ChemInform, 2005, 36, no.	0.1	0
111	Novel Polymer and Linker Reagents for the Preparation of Protease Inhibitor Libraries. ChemInform, 2005, 36, no.	0.1	0
112	Progress in the preparation of peptide aldehydes via polymer supported IBX oxidation and scavenging by threonyl resin. Journal of Peptide Science, 2005, 11, 142-152.	0.8	19
113	Understanding Supported Reactions in Spherical Compartments:Â A General Algorithm To Model and Determine Rate Constants, Diffusion Coefficients, and Spatial Product Distributions. ACS Combinatorial Science, 2005, 7, 929-941.	3.3	6
114	Hydrophobically Assisted Switching Phase Synthesis:Â The Flexible Combination of Solid-Phase and Solution-Phase Reactions Employed for Oligosaccharide Preparation. Journal of the American Chemical Society, 2005, 127, 7296-7297.	6.6	59
115	High loading polymer reagents based on polycationic Ultraresins. Polymer-supported reductions and oxidations with increased efficiency. Tetrahedron, 2004, 60, 8703-8709.	1.0	23
116	Polymer-bound alkyltriazenes for mild racemization-free esterification of amino acid and peptide derivatives. Journal of Peptide Science, 2004, 10, 603-611.	0.8	4
117	Organic Protein Chemistry: Drug Discovery through the Chemical Modification of Proteins. Angewandte Chemie - International Edition, 2004, 43, 4554-4556.	7.2	32
118	Tailoring Ultraresins Based on the Cross-Linking of Polyethylene Imines. Comparative Investigation of the Chemical Composition, the Swelling, the Mobility, the Chemical Accessibility, and the Performance in Solid-Phase Synthesis of Very High Loaded Resins. ACS Combinatorial Science, 2004, 6, 340-349.	3.3	13
119	Addition to Carbon-Hetero Multiple Bonds. , 2004, , 322-345.		1
120	Ein Phosphoran als polymergebundenes AcylanionenÃquivalent: Linkerreagentien fÃ¼r schonende und vielseitige C-C-Kupplungen. Angewandte Chemie, 2003, 115, 2595-2598.	1.6	26
121	A Phosphorane as Supported Acylanion Equivalent: Linker Reagents for Smooth and Versatile Cï£¿C Coupling Reactions. Angewandte Chemie - International Edition, 2003, 42, 2491-2494.	7.2	37
122	Trimellitic anhydride linker (TAL)â€"highly orthogonal conversions of primary amines employed in the parallel synthesis of labeled carbohydrate derivatives. Tetrahedron Letters, 2003, 44, 5019-5023.	0.7	19
123	Advanced Polymer Reagents Based on Activated Reactants and Reactive Intermediates: Powerful Novel Tools in Diversity-Oriented Synthesis. Methods in Enzymology, 2003, 369, 366-390.	0.4	1
124	SPOCC-194, a New High Functional Group Density PEG-Based Resin for Solid-Phase Organic Synthesis. ACS Combinatorial Science, 2002, 4, 523-529.	3.3	33
125	ULTRA-hochbeladene Harze durch Quervernetzung von linearem Polyethylenimin Ã¢Â€Â" Steigerung der AtomÃƒÂ¶konomie in der Polymer-unterstÃƒÂ¼tzten Chemie Wir danken der Firma Personal Chemistry GmbH, Konstanz, fÃƒÂ¼r die zeitweilige ÃƒÂœberlassung eines Mikrowellen-Syntheseautomaten. J.R. bedankt sich fÃƒÂ¼r UnterstÃƒÂ¼tzung bei Prof. G. Jung und Prof. M. E. Maier, UniversitÃƒÂt TÃƒÂ¼bingen, dem		

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127	ULTRA Loaded Resins Based on the Cross-Linking of Linear Poly(ethylene imine). Improving the Atom Economy of Polymer-Supported Chemistry. Angewandte Chemie - International Edition, 2002, 41, 3313-3313.	7.2	0
128	Epitope-mapping of transglutaminase with parallel label-free optical detection. Biosensors and Bioelectronics, 2002, 17, 937-944.	5.3	26
129	Investigation of enzyme activity and inhibition in the interior of novel solid supports. , 2002, , 14-20.		0
130	SPOCC resins: Polar and chemically inert resins for organic synthesis and library enzyme assays. , 2002, , 176-178.		0
131	Î±-Ketocarbonyl Peptides:Â A General Approach to Reactive Resin-Bound Intermediates in the Synthesis of Peptide Isosteres for Protease Inhibitor Screening on Solid Support. Journal of the American Chemical Society, 2001, 123, 2176-2181.	6.6	65
132	Spatially Resolved Single Bead Analysis: Homogeneity, Diffusion, and Adsorption in Cross-Linked Polystyrene. Chemistry - A European Journal, 2001, 7, 3884-3889.	1.7	42
133	Alkylating Polymers: Resin-Released Carbenium Ions as Versatile Reactive Intermediates in Polymer-Assisted Solution-Phase Synthesis. Angewandte Chemie - International Edition, 2001, 40, 381-385.	7.2	52
134	Oxoammonium Resins as Metal-Free, Highly Reactive, Versatile Polymeric Oxidation Reagents. Angewandte Chemie - International Edition, 2001, 40, 1436-1439.	7.2	83
135	Combinatorial Chemistry in the Commercial Jungle. Angewandte Chemie - International Edition, 2001, 40, 2721-2721.	7.2	1
136	Oxidizing Polymers: A Polymer-Supported, Recyclable Hypervalent Iodine(V) Reagent for the Efficient Conversion of Alcohols, Carbonyl Compounds, and Unsaturated Carbamates in Solution J.R. gratefully acknowledges generous support from Prof. M. E. Maier, TÃ¼bingen, the Strukturfonds of the University of TÃ¼bingen, the Fonds der Chemischen Industrie, and the DFG. We thank Graeme Nicholson, Dietmar Schmid, and Daniel Bischoff for analytical support.. Angewandte Chemie - International Edition, 2001, 40, 4395.	7.2	135
137	Solid-Supported Triazenes as Alkylating Polymers Employed for the Versatile Derivatization of Peptides. , 2001, , 267-268.		0
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