Pascal Dumy

List of Publications by Year in descending order

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245 papers 8,271 citations

50273 46 h-index 72 g-index

274 all docs

274 docs citations

times ranked

274

7555 citing authors

#	Article	IF	CITATIONS
1	The Institute of Biomolecules Max Mousseron: A Timely Move. European Journal of Organic Chemistry, 2022, 2022, e202101322.	2.4	O
2	Radiotheranostic Agent 64Cu-cyclam-RAFT-c(-RGDfK-)4 for Management of Peritoneal Metastasis in Ovarian Cancer. Clinical Cancer Research, 2020, 26, 6230-6241.	7.0	9
3	Benzoxaboroles: New Potent Inhibitors of the Carbonic Anhydrases of the Pathogenic Bacterium <i>Vibrio cholerae </i> ACS Medicinal Chemistry Letters, 2020, 11, 2277-2284.	2.8	25
4	Metal-free synthesis of imino-disaccharides and calix-iminosugars by photoinduced radical thiol–ene coupling (TEC). Organic and Biomolecular Chemistry, 2020, 18, 2392-2397.	2.8	7
5	Self-mineralization and assembly of a bis-silylated Phe–Phe pseudodipeptide to a structured bioorganic–inorganic material. Materials Horizons, 2019, 6, 2040-2046.	12.2	5
6	Multivalent Carbonic Anhydrases Inhibitors. International Journal of Molecular Sciences, 2019, 20, 5352.	4.1	21
7	Selfâ€assembly and chiroptical properties in supramolecular complexes of adenosine phosphates and guanidiniumâ€bispyrene. Chirality, 2018, 30, 719-729.	2.6	0
8	Carbonic anhydrases from <i>Trypanosoma cruzi</i> and <i>Leishmania donovani chagasi</i> are inhibited by benzoxaboroles. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 286-289.	5.2	50
9	Positron emission tomography of cerebral angiogenesis and TSPO expression in a mouse model of chronic hypoxia. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 687-696.	4.3	4
10	Photomodulation of DNAâ€Templated Supramolecular Assemblies. Chemistry - A European Journal, 2018, 24, 706-714.	3.3	10
11	Uniform intratumoral distribution of radioactivity produced using two different radioagents, 64Cu-cyclam-RAFT-c(-RGDfK-)4 and 64Cu-ATSM, improves therapeutic efficacy in a small animal tumor model. EJNMMI Research, 2018, 8, 54.	2.5	12
12	Biomolecular dynamic covalent polymers for DNA complexation and siRNA delivery. Journal of Materials Chemistry B, 2018, 6, 7239-7246.	5.8	18
13	Effective Access to Multivalent Inhibitors of Carbonic Anhydrases Promoted by Peptide Bioconjugation. Chemistry - A European Journal, 2017, 23, 6788-6794.	3.3	21
14	67 Cu-Radiolabeling of a multimeric RGD peptide for $\hat{l}\pm V\hat{l}^23$ integrin-targeted radionuclide therapy. Nuclear Medicine Communications, 2017, 38, 347-355.	1.1	19
15	An oxime-based glycocluster microarray. Organic and Biomolecular Chemistry, 2017, 15, 5135-5139.	2.8	11
16	Systemic Delivery of Tumor-Targeted Bax-Derived Membrane-Active Peptides for the Treatment of Melanoma Tumors in a Humanized SCID Mouse Model. Molecular Therapy, 2017, 25, 534-546.	8.2	18
17	Benzoxaboroles as Efficient Inhibitors of the \hat{I}^2 -Carbonic Anhydrases from Pathogenic Fungi: Activity and Modeling Study. ACS Medicinal Chemistry Letters, 2017, 8, 1194-1198.	2.8	47
18	Phthalimide–Oxy Derivatives for 3′―or 5′â€Conjugation of Oligonucleotides by Oxime Ligation and Circularization of DNA by "Bis―or Trisâ€Click―Oxime Ligation. European Journal of Organic Chemistry, 2017, 2017, 6931-6941.	2.4	6

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19	Polyhedral Oligomeric Silsesquioxane (POSS) Bearing Glyoxylic Aldehyde as Clickable Platform Towards Multivalent Conjugates. Chemistry - A European Journal, 2017, 23, 17867-17869.	3.3	5
20	Oneâ€Pot Selfâ€Assembly of Peptideâ€Based Cageâ€Type Nanostructures Using Orthogonal Ligations. Chemistry - A European Journal, 2017, 23, 14323-14331.	3.3	11
21	Benzoxaborole as a new chemotype for carbonic anhydrase inhibition. Chemical Communications, 2016, 52, 11983-11986.	4.1	69
22	A Click Ligation Based on SuFEx for the Metalâ€Free Synthesis of Sugar and Iminosugar Clusters. European Journal of Organic Chemistry, 2016, 2016, 5102-5116.	2.4	35
23	$\hat{l}\pm V\hat{l}^2$ 3 Integrin-Targeted Radionuclide Therapy with 64Cu-cyclam-RAFT-c(-RGDfK-)4. Molecular Cancer Therapeutics, 2016, 15, 2076-2085.	4.1	36
24	Influence of Preâ€organised Architecture on Cell Adhesion by Using Multivalent RGD Compounds. ChemBioChem, 2016, 17, 515-520.	2.6	4
25	Bioactive clusters promoting cell penetration and nucleic acid complexation for drug and gene delivery applications: from designed to self-assembled and responsive systems. Chemical Communications, 2016, 52, 4257-4273.	4.1	35
26	A metal-free synthetic approach to peptide-based iminosugar clusters as novel multivalent glycosidase inhibitors. RSC Advances, 2016, 6, 2210-2216.	3.6	17
27	Fluorescent Silica Nanoparticles with Multivalent Inhibitory Effects towards Carbonic Anhydrases. Chemistry - A European Journal, 2015, 21, 10306-10309.	3.3	23
28	Hydroxylamine-O-sulfonamide is a versatile lead compound for the development of carbonic anhydrase inhibitors. Chemical Communications, 2015, 51, 11519-11522.	4.1	10
29	Carbonic Anhydrase Glycoinhibitors belonging to the Aminoxysulfonamide Series. ACS Medicinal Chemistry Letters, 2015, 6, 819-821.	2.8	9
30	N-glycosyl-N-hydroxysulfamides as potent inhibitors of Brucella suis carbonic anhydrases. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 1010-1012.	5.2	6
31	Inhibition of \hat{l}^2 -carbonic anhydrases from Brucella suis with C-cinnamoyl glycosides incorporating the phenol moiety. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 1017-1020.	5.2	13
32	A Dynamic Combinatorial Approach for Identifying Side Groups that Stabilize DNA-Templated Supramolecular Self-Assemblies. International Journal of Molecular Sciences, 2015, 16, 3609-3625.	4.1	7
33	Synthesis and biological properties of multivalent iminosugars. New Journal of Chemistry, 2015, 39, 5050-5074.	2.8	70
34	Synthesis of \hat{l}_{\pm} -PNA containing a functionalized triazine as nucleobase analogue. Tetrahedron Letters, 2015, 56, 2319-2323.	1.4	2
35	Dynamic Expression of DNA Complexation with Selfâ€assembled Biomolecular Clusters. Angewandte Chemie - International Edition, 2015, 54, 10183-10187.	13.8	47
36	Multivalent DNA recognition by self-assembled clusters: deciphering structural effects by fragments screening and evaluation as siRNA vectors. Organic and Biomolecular Chemistry, 2015, 13, 9427-9438.	2.8	27

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37	Emerging trends in enzyme inhibition by multivalent nanoconstructs. Organic and Biomolecular Chemistry, 2015, 13, 9894-9906.	2.8	81
38	Oxime Ligation: A Chemoselective Clickâ€Type Reaction for Accessing Multifunctional Biomolecular Constructs. Chemistry - A European Journal, 2014, 20, 34-41.	3.3	206
39	Re-Evaluation of Binding Properties of Recombinant Lymphocyte Receptors NKR-P1A and CD69 to Chemically Synthesized Glycans and Peptides. International Journal of Molecular Sciences, 2014, 15, 1271-1283.	4.1	8
40	Probing the importance of π-stacking interactions in DNA-templated self-assembly of bisfunctionalized guanidinium compounds. Chemical Communications, 2014, 50, 14257-14260.	4.1	35
41	Degradable Hybrid Materials Based on Cationic Acylhydrazone Dynamic Covalent Polymers Promote DNA Complexation through Multivalent Interactions. Chemistry - A European Journal, 2014, 20, 14705-14714.	3.3	46
42	PET imaging and biodistribution analysis of the effects of succinylated gelatin combined with l-lysine on renal uptake and retention of 64Cu-cyclam-RAFT-c(-RGDfK-)4 in vivo. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 86, 478-486.	4.3	21
43	Co-liposomes comprising a lipidated multivalent RGD-peptide and a cationic gemini cholesterol induce selective gene transfection in $\hat{1}\pm v\hat{1}^2$ 3 and $\hat{1}\pm v\hat{1}^2$ 5 integrin receptor-rich cancer cells. Journal of Materials Chemistry B, 2014, 2, 5758-5767.	5.8	12
44	Redoxâ€Driven Host–Guest Interactions Allow the Controlled Release of Captured Cells on RGDâ€Functionalized Surfaces. ChemBioChem, 2014, 15, 377-381.	2.6	11
45	Probing secondary interactions in biomolecular recognition by dynamic combinatorial chemistry. Chemical Communications, 2014, 50, 5810.	4.1	58
46	Thiolâ€ene and thiolâ€yneâ€based synthesis of glycodendrimers as nanomolar inhibitors of wheat germ agglutinin. Journal of Polymer Science Part A, 2014, 52, 2422-2433.	2.3	34
47	Access to bifunctionalized biomolecular platforms using oxime ligation. Carbohydrate Research, 2014, 393, 9-14.	2.3	6
48	Tetravalent glycocyclopeptide with nanomolar affinity to wheat germ agglutinin. Organic and Biomolecular Chemistry, 2013, 11, 7113.	2.8	42
49	Near-infrared optical guided surgery of highly infiltrative fibrosarcomas in cats using an anti-αvß3 integrin molecular probe. Cancer Letters, 2013, 334, 188-195.	7.2	45
50	Expanding the scope of oxime ligation: facile synthesis of large cyclopeptide-based glycodendrimers. Chemical Communications, 2013, 49, 10796.	4.1	23
51	Synthesis of multi-antigenic platforms as vaccine candidates against cancers. New Journal of Chemistry, 2013, 37, 286-289.	2.8	11
52	Integrin and matrix metalloprotease dual-targeting with an MMP substrate–RGD conjugate. Organic and Biomolecular Chemistry, 2013, 11, 448-452.	2.8	4
53	Multivalent glyco(cyclo)peptides. Chemical Society Reviews, 2013, 42, 4599-4612.	38.1	112
54	Thiyl Glycosylation of Propargylated Octasilsesquioxane: Synthesis and Lectinâ€Binding Properties of Densely Glycosylated Clusters on a Cubic Platform. European Journal of Organic Chemistry, 2013, 2013, 1144-1149.	2.4	24

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55	High Affinity Glycodendrimers for the Lectin LecB from Pseudomonas aeruginosa. Bioconjugate Chemistry, 2013, 24, 1598-1611.	3.6	54
56	In Vivo Molecular Imaging of Atherosclerotic Lesions in ApoE ^{â^'/â^'} Mice Using VCAM-1–Specific, ^{99m} Tc-Labeled Peptidic Sequences. Journal of Nuclear Medicine, 2013, 54, 1442-1449.	5.0	38
57	Micro–Positron Emission Tomography/Contrast-Enhanced Computed Tomography Imaging of Orthotopic Pancreatic Tumor–Bearing Mice Using the α ⟨sub⟩v⟨/sub⟩ β ⟨sub⟩3⟨/sub⟩ Integrin Tracer ⟨sup⟩64⟨/sup⟩ Cu-Labeled Cyclam-RAFT-c(-RGDfK-) ⟨sub⟩4⟨/sub⟩. Molecular Imaging, 2013, 12, 7290.2013.00054.	1.4	15
58	Micro-positron emission tomography/contrast-enhanced computed tomography imaging of orthotopic pancreatic tumor-bearing mice using the $\hat{l}\pm v\hat{l}^2\hat{a},f$ integrin tracer \hat{a} 9 \hat{a} Cu-labeled cyclam-RAFT-c(-RGDfK-) \hat{a} ,,, Molecular Imaging, 2013, 12, 376-87.	1.4	7
59	Double threading through DNA: NMR structural study of a bis-naphthalene macrocycle bound to a thymine–thymine mismatch. Nucleic Acids Research, 2012, 40, 5115-5128.	14.5	32
60	Amphipol mediated surface immobilization of FhuA: a platform for label-free detection of the bacteriophage protein pb5. Chemical Communications, 2012, 48, 6037.	4.1	20
61	Positron emission tomography imaging of tumor angiogenesis and monitoring of antiangiogenic efficacy using the novel tetrameric peptide probe 64Cu-cyclam-RAFT-c(-RGDfK-)4. Angiogenesis, 2012, 15, 569-580.	7.2	27
62	Multilayer assemblies of polyelectrolyte–gold nanoparticles for the electrocatalytic oxidation and detection of arsenic(III). Journal of Colloid and Interface Science, 2012, 383, 130-139.	9.4	61
63	Glycoside and peptide clustering around the octasilsesquioxane scaffold via photoinduced free-radical thiol–ene coupling. The observation of a striking glycoside cluster effect. Organic and Biomolecular Chemistry, 2012, 10, 3269.	2.8	57
64	Synthesis of heteroglycoclusters by using orthogonal chemoselective ligations. Beilstein Journal of Organic Chemistry, 2012, 8, 421-427.	2.2	25
65	Reduction of renal uptake of ¹¹¹ <scp>I</scp> nâ€ <scp>DOTA</scp> â€labeled and <scp>A</scp> 700â€labeled <scp>RAFT</scp> â€ <scp>RGD</scp> during integrin α _v β ₃ targeting using single photon emission computed tomography and optical imaging. Cancer Science, 2012, 103, 1105-1110.	3.9	17
66	Cyclopeptide-Based Glycoclusters., 2012, , 129-144.		1
67	Amyloidogenesis highlighted by designed peptides forming supramolecular self-assemblies. Chemical Science, 2011, 2, 1293.	7.4	9
68	Clicked tacrine conjugates as acetylcholinesterase and \hat{l}^2 -amyloid directed compounds. Organic and Biomolecular Chemistry, 2011, 9, 1140-1147.	2.8	12
69	Redox strategy for reversible attachment of biomolecules using bifunctional linkers. Chemical Communications, 2011, 47, 3565.	4.1	18
70	Hepatocyte Targeting and Intracellular Copper Chelation by a Thiol-Containing Glycocyclopeptide. Journal of the American Chemical Society, 2011, 133, 286-296.	13.7	110
71	Controlled Density Patterning of Tolylterpyridine-Tagged Oligonucleotides. Langmuir, 2011, 27, 8595-8599.	3.5	12
72	Versatile Introduction of Azido Moiety into Oligonucleotides through Diazo Transfer Reaction. Organic Letters, 2011, 13, 5672-5675.	4.6	29

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73	Targeted delivery of a proapoptotic peptide to tumors <i>in vivo</i> . Journal of Drug Targeting, 2011, 19, 582-588.	4.4	27
74	Tethered Bilayer Lipid Membranes on Mixed Self-Assembled Monolayers of a Novel Anchoring Thiol: Impact of the Anchoring Thiol Density on Bilayer Formation. Langmuir, 2011, 27, 14317-14328.	3 . 5	31
75	Improvement of porphyrins for G-quadruplex DNA targeting. Biochimie, 2011, 93, 1310-1317.	2.6	76
76	Noninvasive visualization and quantification of tumor $\hat{l}\pm V\hat{l}^23$ integrin expression using a novel positron emission tomography probe, 64Cu-cyclam-RAFT-c(-RGDfK-)4. Nuclear Medicine and Biology, 2011, 38, 529-540.	0.6	29
77	Dendri-RAFTs: a second generation of cyclopeptide-based glycoclusters. Organic and Biomolecular Chemistry, 2011, 9, 1948.	2.8	44
78	X-Ray Structure of the Key Synthetic Intermediate of a Cancer-Related Sialyl-Tn Antigen Analogue. Journal of Chemical Crystallography, 2011, 41, 204-208.	1.1	1
79	Cyclic neoglycodecapeptides: how to increase their inhibitory activity and selectivity on lectin/toxin binding to a glycoprotein and cells. Journal of Peptide Science, 2011, 17, 427-437.	1.4	27
80	Access to Biomolecular Assemblies through Oneâ€Pot Triple Orthogonal Chemoselective Ligations. Angewandte Chemie - International Edition, 2011, 50, 1901-1904.	13.8	45
81	The Use of a Peptidic Scaffold for the Formation of Stable Guanine Tetrads: Control of a Hâ€bonded Pattern in Water. Chemistry - A European Journal, 2011, 17, 5791-5795.	3.3	31
82	Synthesis of Glycocyclopeptides by Click Chemistry and Inhibition Assays with Lectins. Journal of Carbohydrate Chemistry, 2011, 30, 458-468.	1.1	25
83	Preparation of Peptide and Other Biomolecular Conjugates Through Chemoselective Ligations. Methods in Molecular Biology, 2011, 751, 67-79.	0.9	4
84	Molecular engineering of biomolecules for nanobio-sciences. International Journal of Nanotechnology, 2010, 7, 738.	0.2	5
85	Oligonucleotide Sequential Bis-Conjugation via Clickâ^Oxime and Clickâ^Huisgen Procedures. Journal of Organic Chemistry, 2010, 75, 3927-3930.	3.2	39
86	In vivo molecular imaging of myocardial angiogenesis using the $\hat{l}\pm v\hat{l}^2$ 3 integrin-targeted tracer 99mTc-RAFT-RGD. Journal of Nuclear Cardiology, 2010, 17, 435-443.	2.1	34
87	Templateâ€Assembled Synthetic Gâ€Quadruplex (TASQ): A Useful System for Investigating the Interactions of Ligands with Constrained Quadruplex Topologies. Chemistry - A European Journal, 2010, 16, 6106-6114.	3.3	57
88	RGD–cyclam conjugate: Synthesis and potential application for positron emission tomography. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5422-5425.	2.2	16
89	SYNTHESIS OF MULTI-EPITOPIC GLYCOPEPTIDE-BASED CANCER VACCINES. , 2010, , 147-170.		0
90	Synthesis of Multivalent Glycoconjugates Containing the Immunoactive LELTE Peptide: Effect of Glycosylation on Cellular Activation and Natural Killing by Human Peripheral Blood Mononuclear Cells. Journal of the American Chemical Society, 2010, 132, 6800-6808.	13.7	17

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91	Electrochemically Controlled Adsorption of Fc-Functionalized Polymers on \hat{I}^2 -CD-Modified Self-Assembled Monolayers. Langmuir, 2010, 26, 13976-13986.	3.5	40
92	Cell adhesion through clustered ligand on fluid supported lipid bilayers. Organic and Biomolecular Chemistry, 2010, 8, 1531.	2.8	15
93	Application of click–click chemistry to the synthesis of new multivalent RGD conjugates. Organic and Biomolecular Chemistry, 2010, 8, 5133.	2.8	28
94	Unlimited growth of host–guest multilayer films based on functionalized neutral polymers. Soft Matter, 2010, 6, 3747.	2.7	24
95	Linear and Branched Glyco-Lipopeptide Vaccines Follow Distinct Cross-Presentation Pathways and Generate Different Magnitudes of Antitumor Immunity. PLoS ONE, 2010, 5, e11216.	2.5	68
96	Clustering and Internalization of Integrin $\hat{l}\pm\nu\hat{l}^23$ With a Tetrameric RGD-synthetic Peptide. Molecular Therapy, 2009, 17, 837-843.	8.2	148
97	Chemical synthesis, DNA incorporation and biological study of a new photocleavable 2'-deoxyadenosine mimic. Nucleic Acids Research, 2009, 37, 5237-5245.	14.5	6
98	A Gadoliniumâ€Binding Cyclodecapeptide with a Large Highâ€Field Relaxivity Involving Secondâ€Sphere Water. Chemistry - A European Journal, 2009, 15, 7083-7093.	3.3	45
99	Phenolic Oxime Oligomers Inhibit Alzheimer's Amyloid Fibril Formation and Disaggregate Fibrils In Vitro. ChemBioChem, 2009, 10, 1325-1329.	2.6	7
100	Oligonucleotide Duplexes with Tethered Photoreactive Ruthenium(II) Complexes: Influence of the Ligands and Their Linker on the Photoinduced Electron Transfer and Crosslinking Processes of the Two Strands. European Journal of Inorganic Chemistry, 2009, 2009, 524-532.	2.0	20
101	Oneâ€Pot Approach to Wellâ€Defined Biomolecular Assemblies by Orthogonal Chemoselective Ligations. Angewandte Chemie - International Edition, 2009, 48, 2576-2579.	13.8	70
102	Antitumor activity of a self-adjuvanting glyco-lipopeptide vaccine bearing B cell, CD4+ and CD8+ T cell epitopes. Cancer Immunology, Immunotherapy, 2009, 58, 187-200.	4.2	72
103	Drug development in oncology assisted by noninvasive optical imaging. International Journal of Pharmaceutics, 2009, 379, 309-316.	5.2	20
104	Biomolecular assembly by iterative oxime ligations. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3880-3883.	2.2	12
105	Functionalization of the A ring of pyridoacridine as a route toward greater structural diversity. Synthesis of an octacyclic analogue of eilatin. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4836-4838.	2.2	11
106	Efficient conjugation of oligonucleotides through aromatic oxime formation. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6534-6537.	2.2	0
107	Targeted delivery of activatable fluorescent pro-apoptotic peptide into live cells. Organic and Biomolecular Chemistry, 2009, 7, 221-224.	2.8	38
108	Artificial enzyme-based biosensors. New Journal of Chemistry, 2009, 33, 939.	2.8	34

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109	Synthesis and Biological Evaluation of Clicked Curcumin and Clicked KLVFFA Conjugates as Inhibitors of Î ² -Amyloid Fibril Formation. Bioconjugate Chemistry, 2009, 20, 2123-2132.	3.6	55
110	Design and synthesis of novel hybrid metal complex–DNA conjugates: key building blocks for multimetallic linear DNA nanoarrays. Organic and Biomolecular Chemistry, 2009, 7, 2729.	2.8	23
111	Highly efficient cell adhesion on beads functionalized with clustered peptide ligands. Organic and Biomolecular Chemistry, 2009, 7, 4159.	2.8	14
112	Synthesis and evaluation of fused bispyrimidinoacridines as novel pentacyclic analogues of quadruplex-binder BRACO-19. Organic and Biomolecular Chemistry, 2009, 7, 5219.	2.8	28
113	RAFT Nanoâ€constructs: surfing to biological applications. Journal of Peptide Science, 2008, 14, 224-240.	1.4	56
114	A Multimeric Quinacrine Conjugate as a Potential Inhibitor of Alzheimer's βâ€Amyloid Fibril Formation. ChemBioChem, 2008, 9, 952-963.	2.6	46
115	Synthesis and Biological Characterisation of Targeted Proâ€Apoptotic Peptide. ChemBioChem, 2008, 9, 2326-2332.	2.6	36
116	Nanomolar Heparin Detection with an Artificial Enzyme. ChemBioChem, 2008, 9, 2950-2953.	2.6	8
117	A Novel Conformationally Constrained Parallel G Quadruplex. ChemBioChem, 2008, 9, 2588-2591.	2.6	45
118	Towards a Selfâ€Adjuvanting Multivalent B and T cell Epitope Containing Synthetic Glycolipopeptide Cancer Vaccine. ChemMedChem, 2008, 3, 737-741.	3.2	101
119	Oximeâ€Based Synthesis of New Chromogenic and Fluorogenic Oligosaccharides. European Journal of Organic Chemistry, 2008, 2008, 5383-5386.	2.4	6
120	Cyclic Peptides Bearing a Sideâ€Chain Tail: A Tool to Model the Structure and Reactivity of Protein Zinc Sites. Angewandte Chemie - International Edition, 2008, 47, 6888-6891.	13.8	23
121	Use of \hat{I}^3 -aminopropyl-coated glass surface for the patterning of oligonucleotides through oxime bond formation. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2540-2543.	2.2	16
122	Synthesis of N-acridinyl-N′-alkylguanidines: Dramatic influence of amine to guanidine replacement on the physicochemical properties. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4779-4782.	2.2	4
123	Concise Synthesis of 2-Amino-4(3H)-quinazolinones from Simple (Hetero)aromatic Amines. Journal of Organic Chemistry, 2008, 73, 2473-2475.	3.2	32
124	1-Ethoxyethylidene, a New Group for the Stepwise SPPS of Aminooxyacetic Acid Containing Peptides. Journal of Organic Chemistry, 2008, 73, 983-991.	3.2	74
125	A cyclodecapeptide ligand to vitamin B12. Organic and Biomolecular Chemistry, 2008, 6, 4134.	2.8	12
126	Surface patterning of (bio)molecules onto the inner wall of fused-silica capillary tubes. Lab on A Chip, 2008, 8, 2161.	6.0	21

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127	Promotion of sugar–lectin recognition through the multiple sugar presentation offered by regioselectively addressable functionalized templates (RAFT): a QCM-D and SPR study. Organic and Biomolecular Chemistry, 2008, 6, 1114.	2.8	47
128	NMR and Theoretical Calculations: A Unified View of the Cis/Trans Isomerization of 2-Substituted Thiazolidines Containing Peptides. Journal of Physical Chemistry B, 2008, 112, 9975-9981.	2.6	12
129	Randomized Combinatorial Library of Heteroglycoclusters (hGC). ACS Combinatorial Science, 2008, 10, 368-371.	3.3	25
130	High-Throughput Identification of Combinatorial Ligands for DNA Delivery in Cell Culture. AIP Conference Proceedings, 2008, , .	0.4	1
131	Chemical and Biological Evaluations of an $\langle \sup 111 \langle \sup $ In-Labeled RGD-Peptide Targeting Integrin Alpha(V) Beta(3) in a Preclinical Tumor Model. Cancer Biotherapy and Radiopharmaceuticals, 2008, 23, 691-700.	1.0	18
132	A Fully Solid-Phase Synthesis of Biotinylated Glycoclusters. Open Glycoscience, 2008, 1, 1-7.	0.4	8
133	Tumor Targeting with RGD Peptide Ligands-Design of New Molecular Conjugates for Imaging and Therapy of Cancers. Anti-Cancer Agents in Medicinal Chemistry, 2007, 7, 552-558.	1.7	169
134	In Vivo Noninvasive Optical Imaging of Receptor-Mediated RGD Internalization Using Self-Quenched Cy5-Labeled RAFT-c(-RGDfK-) ₄ . Molecular Imaging, 2007, 6, 7290.2007.00002.	1.4	35
135	Aldehydic Oligonucleotide: A Key Intermediate for the Preparation of Oligonucleotide Conjugates Through Oxime Bond Formation. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 883-887.	1.1	3
136	Efficient Surface Patterning of Oligonucleotides Inside a Glass Capillary through Oxime Bond Formation. Bioconjugate Chemistry, 2007, 18, 671-676.	3.6	41
137	New Solid Support for the Synthesis of 3â€~-Oligonucleotide Conjugates through Glyoxylic Oxime Bond Formation. Organic Letters, 2007, 9, 219-222.	4.6	18
138	Fluorescent ADP Sensing in Physiological Conditions Based on Cooperative Inhibition of a Miniature Esterase. Journal of the American Chemical Society, 2007, 129, 4884-4885.	13.7	32
139	In vivo optical imaging of integrin $\hat{l}\pm V \cdot \hat{l}^2 3$ in mice using multivalent or monovalent cRGD targeting vectors. Molecular Cancer, 2007, 6, 41.	19.2	79
140	Designed Amyloid β Peptide Fibril—A Tool for Highâ€Throughput Screening of Fibril Inhibitors. ChemMedChem, 2007, 2, 1613-1623.	3.2	21
141	The oxime bond formation as an efficient tool for the conjugation of ruthenium complexes to oligonucleotides and peptides. Tetrahedron, 2007, 63, 11299-11306.	1.9	28
142	Ethoxyethylidene protecting group prevents N-overacylation in aminooxy peptide synthesis. Tetrahedron, 2007, 63, 11952-11958.	1.9	37
143	\hat{l}_{\pm} and \hat{l}^{2} l-Fucopyranosyl oxyamines: key intermediates for the preparation of fucose-containing glycoconjugates by oxime ligation. Carbohydrate Research, 2007, 342, 894-900.	2.3	20
144	Activatable probes for non-invasive small animal fluorescence imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 571, 165-168.	1.6	8

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145	Dipyrido[3,2-a:2′,3′-c]quinolino[3,2-j]phenazine (dpqp-OH) – Synthesis, characterization and DNA interaction of the corresponding Ru(II) complex. Inorganica Chimica Acta, 2007, 360, 3162-3168.	2.4	6
146	Structure-based design of small peptide inhibitors of protein kinase CK2 subunit interaction. Biochemical Journal, 2007, 408, 363-373.	3.7	91
147	Molecular imaging of vascular cell adhesion molecule-1 expression in experimental atherosclerotic plaques with radiolabelled B2702-p. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 830-840.	6.4	46
148	In vivo imaging of tumour angiogenesis in mice with the $\hat{l}\pm v\hat{l}^23$ integrin-targeted tracer 99mTc-RAFT-RGD. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 2037-2047.	6.4	62
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