

# Igor V Komarov

## List of Publications by Year in descending order

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148  
papers

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#	ARTICLE	IF	CITATIONS
1	Reductive Recyclization of $sp^3$ -Enriched Functionalized Isoxazolines into $\beta$ -Hydroxy Lactams. <i>Journal of Organic Chemistry</i> , 2022, 87, 1001-1018.	3.2	7
2	A stereochemical journey around spirocyclic glutamic acid analogs. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 3183-3200.	2.8	4
3	Towards in vivo photomediated delivery of anticancer peptides: Insights from pharmacokinetic and -dynamic data. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 233, 112479.	3.8	2
4	Monoprotected Diamines Derived from 1,5-Disubstituted (Aza)spiro[2.3]hexane Scaffolds. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6570-6579.	2.4	3
5	Nature of Fast Relaxation Processes and Spectroscopy of a Membrane-Active Peptide Modified with Fluorescent Amino Acid Exhibiting Excited State Intramolecular Proton Transfer and Efficient Stimulated Emission. <i>ACS Omega</i> , 2021, 6, 10119-10128.	3.5	3
6	In Vivo Behavior of the Antibacterial Peptide Cyclo[RRRWFW], Explored Using a 3-Hydroxychromone-Derived Fluorescent Amino Acid. <i>Frontiers in Chemistry</i> , 2021, 9, 688446.	3.6	6
7	Diarylethene-basierte lichtschtbare Inhibitoren von Serinproteasen. <i>Angewandte Chemie</i> , 2021, 133, 21958-21964.	2.0	3
8	Diarylethene-Based Photoswitchable Inhibitors of Serine Proteases. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21789-21794.	13.8	17
9	Photoregulated macrocyclic cell-penetrating peptides (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 719-721.	1.2	3
10	Protein-Sorption and the Hemostatic Properties of Composite Materials Based on Polyurethane Foam Filled with Silicon and Aluminum Oxides. <i>Theoretical and Experimental Chemistry</i> , 2020, 56, 352-358.	0.8	1
11	Diarylethene moiety as an enthalpy-entropy switch: photoisomerizable stapled peptides for modulating p53/MDM2 interaction. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5359-5369.	2.8	14
12	3-Carboxy-3-Aminobicyclo[1.1.1]pentane-Derived Sulfonamides and Sulfonyl Fluorides – Advanced Bifunctional Reagents for Organic Synthesis and Drug Discovery. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2210-2216.	2.4	9
13	Photochemical [2 + 2] Cycloaddition of Alkenyl Boronic Derivatives: An Entry into 3-Azabicyclo[3.2.0]heptane Scaffold. <i>Journal of Organic Chemistry</i> , 2020, 85, 5927-5940.	3.2	26
14	Peptide drugs for photopharmacology: how much of a safety advantage can be gained by photocontrol?. <i>Future Drug Discovery</i> , 2020, 2, .	2.1	16
15	Light-controllable dithienylethene-modified cyclic peptides: photoswitching the in vivo toxicity in zebrafish embryos. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 39-49.	2.2	22
16	Robust and Scalable Approach to 1,3-Disubstituted Pyridylcyclobutanes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5937-5949.	2.4	6
17	Real-Time Observation of Diarylethene-Based Photoswitches in a Cyclic Peptide Environment. <i>ChemPhotoChem</i> , 2019, 3, 265-265.	3.0	0
18	Multigram Synthesis and C-C/C-N Couplings of Functionalized 1,2-Disubstituted Cyclopropyltrifluoroborates. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5428-5439.	4.3	10

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19	Controlling the Uptake of Diarylethene-Based Cell-Penetrating Peptides into Cells Using Light. <i>ChemPhotoChem</i> , 2019, 3, 384-391.	3.0	9
20	Real-Time Observation of Diarylethene-Based Photoswitches in a Cyclic Peptide Environment. <i>ChemPhotoChem</i> , 2019, 3, 403-410.	3.0	19
21	Fast Amide Bond Cleavage Assisted by a Secondary Amino and a Carboxyl Group—A Model for yet Unknown Peptidases?. <i>Molecules</i> , 2019, 24, 572.	3.8	7
22	19F-Labeled amino acids for NMR structure analysis of membrane-bound peptides. , 2019, , 349-395.		4
23	Corvitin modulates the content of lipids in rat liver bile. <i>Ukrainian Biochemical Journal</i> , 2019, 91, 112-121.	0.5	7
24	Conformationally Constrained Mono-Fluorinated Arginine as a Cationic Label for Solid-State <sup>19</sup> F NMR Analysis of Membrane-Bound Peptides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3826-3833.	2.4	8
25	Efficiently Photocontrollable or Not? Biological Activity of Photoisomerizable Diarylethenes. <i>Chemistry - A European Journal</i> , 2018, 24, 11245-11254.	3.3	37
26	Imidazole-2-yl-Phosphonic Acid Derivative Grafted onto Mesoporous Silica Surface as a Novel Highly Effective Sorbent for Uranium(VI) Ion Extraction. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6681-6693.	8.0	68
27	Following Ramachandran 2: exit vector plot (EVP) analysis of disubstituted saturated rings. <i>New Journal of Chemistry</i> , 2018, 42, 8355-8365.	2.8	23
28	Highly reactive bis-cyclooctyne-modified diarylethene for SPAAC-mediated cross-linking. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8559-8564.	2.8	11
29	Structure-Activity Relationships of Photoswitchable Diarylethene-Based Î²-Hairpin Peptides as Membranolytic Antimicrobial and Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10793-10813.	6.4	41
30	Frontispiece: Efficiently Photocontrollable or Not? Biological Activity of Photoisomerizable Diarylethenes. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
31	Orientation and Location of the Cyclotide Kalata B1 in Lipid Bilayers Revealed by Solid-State NMR. <i>Biophysical Journal</i> , 2017, 112, 630-642.	0.5	19
32	Conformational Plasticity of the Cell-Penetrating Peptide SAP As Revealed by Solid-State 19F-NMR and Circular Dichroism Spectroscopies. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6479-6491.	2.6	15
33	Flexibility vs rigidity of amphipathic peptide conjugates when interacting with lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2505-2515.	2.6	7
34	Bicyclo[1.1.1]pentane-Derived Building Blocks for Click Chemistry. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6450-6456.	2.4	15
35	Diphytanoyl lipids as model systems for studying membrane-active peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1828-1837.	2.6	23
36	Direct Photocontrol of Peptidomimetics: An Alternative to Oxygen-Dependent Photodynamic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5493-5496.	13.8	62

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37	Silica with immobilized phosphinic acid-derivative for uranium extraction. <i>Journal of Hazardous Materials</i> , 2016, 314, 326-340.	12.4	79
38	Sorption discrimination between secondary alcohol enantiomers by chiral alkyl-dicarboxylate MOFs. <i>RSC Advances</i> , 2016, 6, 93707-93714.	3.6	7
39	Design, Synthesis, and Application of an Optimized Monofluorinated Aliphatic Label for Peptide Studies by Solid-State <sup>19</sup> F NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14788-14792.	13.8	43
40	Design, Synthesis, and Application of an Optimized Monofluorinated Aliphatic Label for Peptide Studies by Solid-State <sup>19</sup> F NMR Spectroscopy. <i>Angewandte Chemie</i> , 2016, 128, 15008-15012.	2.0	16
41	Delivering Structural Information on the Polar Face of Membrane-Active Peptides: <sup>19</sup> F NMR Labels with a Cationic Side Chain. <i>Angewandte Chemie</i> , 2016, 128, 14815-14819.	2.0	19
42	Delivering Structural Information on the Polar Face of Membrane-Active Peptides: <sup>19</sup> F NMR Labels with a Cationic Side Chain. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14595-14599.	13.8	27
43	Direct Photocontrol of Peptidomimetics: An Alternative to Oxygen-Dependent Photodynamic Cancer Therapy. <i>Angewandte Chemie</i> , 2016, 128, 5583-5586.	2.0	30
44	Direct nucleophilic difluoromethylation of enolizable ketones with CHF <sub>2</sub> TMS/HMPA. <i>Tetrahedron</i> , 2016, 72, 1351-1356.	1.9	24
45	Intramolecular functional group differentiation as a strategy for the synthesis of bridged bicyclic $\beta$ -amino acids. <i>RSC Advances</i> , 2016, 6, 22737-22748.	3.6	9
46	Following Ramachandran: exit vector plots (EVP) as a tool to navigate chemical space covered by 3D bifunctional scaffolds. The case of cycloalkanes. <i>RSC Advances</i> , 2016, 6, 17595-17605.	3.6	30
47	Delivery of SiC-based nanoparticles into live cells driven by cell-penetrating peptides SAP and SAP-E. <i>RSC Advances</i> , 2015, 5, 20498-20502.	3.6	5
48	Design and Synthesis of Novel <sup>19</sup> F-Amino Acid: A Promising <sup>19</sup> F NMR Label for Peptide Studies. <i>Organic Letters</i> , 2015, 17, 226-229.	4.6	30
49	Synthesis and Structural Analysis of Angular Monoprotected Diamines Based on Spiro[3.3]heptane Scaffold. <i>Journal of Organic Chemistry</i> , 2015, 80, 3974-3981.	3.2	12
50	An Expedient and Practical Approach to Functionalized 3-Aza-, 3-Oxa-, and 3-Thiabicyclo[3.3.1]nonane Systems. <i>Synthesis</i> , 2015, 47, 367-367.	2.3	6
51	Synthesis of a 2,5-Diazabicyclo[2.2.1]heptane-Derived $\beta$ , $\beta$ -Diamino Acid. <i>Synthesis</i> , 2015, 47, 1123-1130.	2.3	6
52	Synthesis of racemic and enantiopure 3,4-methanonipeptonic acid. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1268-1272.	1.8	2
53	The Most Reactive Amide As a Transition-State Mimic For <i>cis</i> $\rightleftharpoons$ <i>trans</i> Interconversion. <i>Journal of the American Chemical Society</i> , 2015, 137, 926-930.	13.7	65
54	Structure Analysis and Conformational Transitions of the Cell Penetrating Peptide Transportan 10 in the Membrane-Bound State. <i>PLoS ONE</i> , 2014, 9, e99653.	2.5	46

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55	The Catalytic Asymmetric $\alpha$ -Benzoylation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 282-285.	13.8	83
56	Controlling Biological Activity with Light: Diarylethene-Containing Cyclic Peptidomimetics. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3392-3395.	13.8	140
57	Gram-Scale Synthesis of 3,5-Methanonipicotic Acid, a Nonchiral Bicyclic $\beta$ -Amino Acid. <i>Synlett</i> , 2014, 25, 355-358.	1.8	5
58	Synthesis of Trifluoromethyl-Substituted 3-Azabicyclo[3.1.0]alkanes: Advanced Building Blocks for Drug Discovery. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3592-3598.	2.4	60
59	InnenrÄ¼cktitelbild: Controlling Biological Activity with Light: Diarylethene-Containing Cyclic Peptidomimetics ( <i>Angew. Chem.</i> 13/2014). <i>Angewandte Chemie</i> , 2014, 126, 3589-3589.	2.0	0
60	Synthesis of Boc-protected 4,5-methano- $\beta$ -proline. <i>Tetrahedron Letters</i> , 2014, 55, 3312-3315.	1.4	9
61	Conformationally restricted glutamic acid analogues: stereoisomers of 1-aminospiro[3.3]heptane-1,6-dicarboxylic acid. <i>RSC Advances</i> , 2014, 4, 10894.	3.6	18
62	Design and Synthesis of a Monofluoro-Substituted Aromatic Amino Acid as a Conformationally Restricted <sup>19</sup> F NMR Label for Membrane-Bound Peptides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3584-3591.	2.4	19
63	Switching the Antimicrobial Activity of Gramicidin S by Light. <i>Biophysical Journal</i> , 2014, 106, 442a.	0.5	0
64	Synthesis of Isomeric 6-Trifluoromethyl-3-azabicyclo[3.1.0]hexanes: Conformationally Restricted Analogues of 4-Trifluoromethylpiperidine. <i>Synthesis</i> , 2013, 45, 225-230.	2.3	34
65	Design, Synthesis, and Application of a Trifluoromethylated Phenylalanine Analogue as a Label to Study Peptides by Solid-State <sup>19</sup> F NMR Spectroscopy. <i>Angewandte Chemie</i> , 2013, 125, 6632-6635.	2.0	8
66	Stereochemical effects on the aggregation and biological properties of the fibril-forming peptide [KIGAKI] <sub>3</sub> in membranes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 8962.	2.8	33
67	Confining the $\pi$ space of basic natural amino acids: cyclobutane-derived $\beta$ , $\gamma$ -constrained analogues of arginine, lysine and ornithine. <i>Tetrahedron</i> , 2013, 69, 505-511.	1.9	13
68	A <sup>19</sup> F NMR Label to Substitute Polar Amino Acids in Peptides: A CF <sub>3</sub> -Substituted Analogue of Serine and Threonine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1486-1489.	13.8	48
69	Synthesis and Characterization of $\alpha$ -Trifluoromethyl-Substituted Pyrrolidines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3086-3093.	2.4	20
70	Design, Synthesis, and Application of a Trifluoromethylated Phenylalanine Analogue as a Label to Study Peptides by Solid-State <sup>19</sup> F NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6504-6507.	13.8	25
71	Incorporation of labile trans-4,5-difluoromethanoproline into a peptide as a stable label for <sup>19</sup> F NMR structure analysis. <i>Journal of Fluorine Chemistry</i> , 2013, 152, 136-143.	1.7	29
72	Synthesis of 5-amino-2-aminoalkyl-1,3-oxazol-4-ylphosphonic acid derivatives and their use in the preparation of phosphorylated peptidomimetics. <i>Tetrahedron</i> , 2013, 69, 6251-6261.	1.9	17

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73	What Goes around Comes around-A Comparative Study of the Influence of Chemical Modifications on the Antimicrobial Properties of Small Cyclic Peptides. <i>Pharmaceuticals</i> , 2013, 6, 1130-1144.	3.8	11
74	1-Alkyl-5-((di)alkylamino) Tetrazoles: Building Blocks for Peptide Surrogates. <i>Journal of Organic Chemistry</i> , 2012, 77, 1174-1180.	3.2	9
75	Focused enumeration and assessing the structural diversity of scaffold libraries: conformationally restricted bicyclic secondary diamines. <i>Molecular Diversity</i> , 2012, 16, 477-487.	3.9	21
76	Incorporation of cis- and trans-4,5-Difluoromethanoprolines into Polypeptides. <i>Organic Letters</i> , 2012, 14, 5254-5257.	4.6	44
77	Trifluoromethyl-Substituted $\hat{\alpha}$ -Amino Acids as Solid-State $^{19}\text{F}$ NMR Labels for Structural Studies of Membrane-Bound Peptides. <i>Molecular Medicine and Medicinal</i> , 2012, , 91-138.	0.4	23
78	Exploiting the Addition of Trimethyl(trifluoromethyl)silane to Functionalized N-Benzylimines for the Preparation of Two Novel $\alpha$ -Trifluoromethyl $\alpha$ -Amino Acids. <i>Synthesis</i> , 2012, 44, 903-908.	2.3	13
79	Synthesis of a novel Boc-protected cyclopropane-modified proline analogue. <i>Tetrahedron Letters</i> , 2012, 53, 3847-3849.	1.4	13
80	Expedient Synthesis of cis- and trans-3-Aminocyclobutanecarboxylic Acids. <i>Synthetic Communications</i> , 2011, 41, 1644-1649.	2.1	6
81	An Entry into Hexahydro-2 <i>H</i> -thieno[2,3- <i>c</i> ]pyrrole 1,1-Dioxide Derivatives. <i>Journal of Organic Chemistry</i> , 2011, 76, 7010-7016.	3.2	26
82	Bicyclic Conformationally Restricted Diamines. <i>Chemical Reviews</i> , 2011, 111, 5506-5568.	47.7	89
83	Trifluoromethyl-substituted cyclopropanes. <i>Tetrahedron</i> , 2011, 67, 803-823.	1.9	108
84	Exploiting morph-DAST mediated ring-expansion of substituted cyclic $\hat{\alpha}$ -amino alcohols for the preparation of cyclic fluorinated amino acids. Synthesis of 5-fluoromethylproline and 5-fluoropipecolic acid. <i>Tetrahedron</i> , 2011, 67, 3091-3097.	1.9	24
85	Synthesis of $\hat{\alpha}$ -fluoro- $\hat{\alpha}$ -proline. <i>Tetrahedron Letters</i> , 2011, 52, 1300-1302.	1.4	19
86	Synthesis of enantiopure (R,R)- and (S,S)-cis-2,3-propanoprolines. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2868-2871.	1.8	6
87	Synthesis of 2-azaspiro[3.3]heptane-derived amino acids: ornithine and GABA analogues. <i>Amino Acids</i> , 2010, 39, 515-521.	2.7	21
88	Compatibility of the conformationally rigid CF <sub>3</sub> -Bpg side chain with the hydrophobic coiled-coil interface. <i>Amino Acids</i> , 2010, 39, 1589-1593.	2.7	15
89	1-Amino-3,3-difluorocyclobutanecarboxylic acid. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 221-223.	1.7	12
90	An optimized protocol for the multigram synthesis of 3-(trifluoromethyl)bicyclo[1.1.1]pent-1-ylglycine (CF <sub>3</sub> -Bpg). <i>Journal of Fluorine Chemistry</i> , 2010, 131, 217-220.	1.7	44

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91	Cyclobutane-Derived Diamines: Synthesis and Molecular Structure. <i>Journal of Organic Chemistry</i> , 2010, 75, 5941-5952.	3.2	48
92	Simple and Efficient Procedure for a Multigram Synthesis of Both trans- and cis-1-Amino-2-(trifluoromethyl)cyclopropane-1-carboxylic Acid. <i>Synthesis</i> , 2010, 2010, 443-446.	2.3	10
93	Trifluoromethyl-Substituted Analogues of 1-Aminocyclobutane-1-carboxylic Acid. <i>Synlett</i> , 2009, 2009, 1827-1829.	1.8	3
94	A novel approach to 2,4-ethanoproline. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1433-1436.	1.8	8
95	4-Fluoro-2,4-methanoproline. <i>Organic Letters</i> , 2009, 11, 5674-5676.	4.6	44
96	Conformationally Restricted Nonchiral Pípecolic Acid Analogues. <i>Journal of Organic Chemistry</i> , 2009, 74, 5541-5544.	3.2	16
97	Synthesis of a Conformationally Rigid Analogue of 2-Aminoadipic Acid Containing an 8-Azabicyclo[3.2.1]octane Skeleton. <i>Synthesis</i> , 2009, 2009, 3327-3331.	2.3	1
98	Solid state <sup>19</sup> F NMR parameters of fluorine-labeled amino acids. Part II: Aliphatic substituents. <i>Journal of Magnetic Resonance</i> , 2008, 191, 16-23.	2.1	68
99	Synthesis of Trifluoromethyl-Substituted Proline Analogues as <sup>19</sup> F NMR Labels for Peptides in the Polyproline II Conformation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5765-5767.	13.8	115
100	Synthesis of conformationally restricted glutamic acid analogs based on the spiro[3.3]heptane scaffold. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2924-2930.	1.8	21
101	A Convenient Route to Trifluoromethyl-Substituted Cyclopropane Derivatives. <i>Synthesis</i> , 2008, 2008, 1757-1760.	2.3	19
102	A New Target for Highly Stereoselective Katsuki-Sharpless Epoxidation One-Pot Synthesis of C <sub>2</sub> -Symmetric 2,2-Bioxiranes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 758-767.	2.4	12
103	An approach to 2-cyanopyrrolidines bearing a chiral auxiliary. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 290-297.	1.8	10
104	Synthesis of 7-azabicyclo[2.2.1]heptane-1,4-dicarboxylic acid, a rigid non-chiral analogue of 2-aminoadipic acid. <i>Tetrahedron Letters</i> , 2007, 48, 4061-4063.	1.4	16
105	Evaluating the amino acid CF <sub>3</sub> -bicyclopentylglycine as a new label for solid-state <sup>19</sup> F NMR structure analysis of membrane-bound peptides. <i>Journal of Peptide Science</i> , 2007, 13, 614-623.	1.4	53
106	Stereoselective synthesis of 2,4-methanoproline homologues. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 252-258.	1.8	31
107	New chiral monodentate phospholane ligands by highly stereoselective hydrophosphination. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2082-2087.	1.8	15
108	Conformationally Rigid Trifluoromethyl-Substituted $\pm$ -Amino Acid Designed for Peptide Structure Analysis by Solid-State <sup>19</sup> F NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5659-5661.	13.8	103



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109	Direct Phosphorylation of Thiazoles and Naphthothiazoles by Phosphorus(V) Acid Chlorides.. ChemInform, 2004, 35, no.	0.0	0
110	Direct Phosphorylation of Thiazoles and Naphtothiazoles by Phosphorus(V) Acid Chlorides. Synthetic Communications, 2004, 34, 615-624.	2.1	1
111	Conformationally rigid cyclic $\hat{1}\pm$ -amino acids in the design of peptidomimetics, peptide models and biologically active compounds. Russian Chemical Reviews, 2004, 73, 785-810.	6.5	67
112	Structural Correlations for Nucleophilic Addition to the C $\hat{1}\frac{3}{4}$ O Group: The Solvation Angle. Helvetica Chimica Acta, 2003, 86, 1222-1233.	1.6	12
113	Chiral Oxo- and Oxy-Functionalized Diphosphane Ligands Derived from Camphor for Rhodium(I)-Catalyzed Enantioselective Hydrogenation. European Journal of Organic Chemistry, 2003, 2003, 138-150.	2.4	20
114	A New Hydroxydiphosphine as a Ligand for Rh(I)-Catalyzed Enantioselective Hydrogenation.. ChemInform, 2003, 34, no.	0.0	0
115	Synthesis of a New Chiral Bisphospholane Ligand for the Rh(I)-Catalyzed Enantioselective Hydrogenation of Isomeric $\hat{1}^2$ -Acylamido Acrylates.. ChemInform, 2003, 34, no.	0.0	0
116	Highly stereoselective, thermodynamically controlled and reversible formation of a new P-chiral phosphine. Chemical Communications, 2003, , 2240-2241.	4.1	8
117	Synthesis of a New Chiral Bisphospholane Ligand for the Rh(I)-Catalyzed Enantioselective Hydrogenation of Isomeric $\hat{1}^2$ -Acylamido Acrylates. Journal of Organic Chemistry, 2003, 68, 1701-1707.	3.2	105
118	Structure and chemistry of a zwitterionic amine $\hat{1}$ aldehyde adduct. Chemical Communications, 2002, , 2106-2107.	4.1	24
119	3,5,7-Trimethyl-1-azatricyclo[3.3.1.1 $\hat{1}$ ,3,7]decan-2-ylidene, an Aminocarbene without $\hat{1}$ Conjugation. Journal of Organic Chemistry, 2002, 67, 9288-9294.	3.2	26
120	Torsional effects on reactivity in glycosyl transfer. Perkin Transactions II RSC, 2002, , 337-341.	1.1	13
121	A new hydroxydiphosphine as a ligand for Rh(I)-catalyzed enantioselective hydrogenation. Tetrahedron: Asymmetry, 2002, 13, 1615-1620.	1.8	20
122	On the enantioselective hydrogenation of isomeric $\hat{1}^2$ -acylamido $\hat{1}^2$ -alkylacrylates with chiral Rh(I) complexes $\hat{1}$ comparison of phosphine ligands and substrates. Tetrahedron: Asymmetry, 2002, 13, 2735-2741.	1.8	25
123	A chiral tricyclic proline analogue obtained from camphor. Tetrahedron Letters, 2002, 43, 9411-9412.	1.4	8
124	Organic molecules with abnormal geometric parameters. Russian Chemical Reviews, 2001, 70, 991-1016.	6.5	45
125	Synthesis, structure and reactions of the most twisted amide. Perkin Transactions II RSC, 2001, , 522-529.	1.1	95
126	Highly Enantioselective or Not $\hat{1}$ Chiral Monodentate Monophosphorus Ligands in the Asymmetric Hydrogenation. Angewandte Chemie - International Edition, 2001, 40, 1197-1200.	13.8	159



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127	Synthesis, Structure and Reactions of the Most Twisted Amide.. ChemInform, 2001, 32, 151-151.	0.0	0
128	Direct Phosphorylation of Benzothiazoles and 4-Methylthiazole. Synthetic Communications, 2000, 30, 243-252.	2.1	10
129	Stereoelectronic interactions between hetero-atoms. Pure and Applied Chemistry, 1999, 71, 385-391.	1.9	16
130	Synthesis of strained Bi- and tricyclic systems by rearrangements of some bromosubstituted camphor derivatives. Tetrahedron Letters, 1999, 40, 3935-3936.	1.4	2
131	Distortion of the amide bond in amides and lactams. Photoelectron-spectrum and electronic structure of 3,5,7-trimethyl-1-azaadamantan-2-one, the most twisted amide. Journal of the Chemical Society Perkin Transactions II, 1999, , 1313-1316.	0.9	35
132	The Most Twisted Amide: Structure and Reactions. Angewandte Chemie - International Edition, 1998, 37, 785-786.	13.8	150
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