Tomohiko Ohwada

List of Publications by Year
in descending order

129 papers	3,765 citations	109321 35 h-index	161849 54 g-index
135 all docs	135 docs citations	135 times ranked	4075 citing authors

#	Article	IF	Citations
1	Structural Insight and Development of EGFR Tyrosine Kinase Inhibitors. Molecules, 2022, 27, 819.	3.8	32
2	Building on endogenous lipid mediators to design synthetic receptor ligands. European Journal of Medicinal Chemistry, 2022, 231, 114154.	5.5	1
3	Unexpectedly rigid short peptide foldamers in which NHâ€“Ï€ and CHâ€“Ï€ interactions are preserved in solution. Chemical Communications, 2021, 57, 8344-8347.	4.1	2
4	Contribution of Solvents to Geometrical Preference in the Z/E Equilibrium of N-Phenylthioacetamide. Journal of Organic Chemistry, 2021, , .	3.2	4
5	Switching Lysophosphatidylserine G Protein-Coupled Receptor Agonists to Antagonists by Acylation of the Hydrophilic Serine Amine. Journal of Medicinal Chemistry, 2021, 64, 10059-10101.	6.4	5
6	Rhodium and Palladium Complexes of N-Heterocyclic Olefin (NHO) Ligand Fused with the 9,10-Dihydro-9,10-ethanoanthracene Framework. Organometallics, 2021, 40, 3668-3677.	2.3	4
7	Peptide-based short single Î²-strand mimics without hydrogen bonding or aggregation. Chemical Communications, 2020, 56, 1573-1576.	4.1	9
8	Exploiting a Câ€“N Bond Forming Cytochromeâ€…P450 Monooxygenase for Câ€“S Bond Formation. Angewandte Chemie - International Edition, 2020, 59, 3988-3993.	13.8	27
9	Synthesis of Medium-Ring-Sized Benzolactams by Using Strong Electrophiles and Quantitative Evaluation of Ring-Size Dependency of the Cyclization Reaction Rate. Journal of Organic Chemistry, 2020, 85, 876-901.	3.2	24
10	Exploiting a Câ€“N Bond Forming Cytochromeâ€…P450 Monooxygenase for Câ€“S Bond Formation. Angewandte Chemie, 2020, 132, 4017-4022.	2.0	4
11	Frontispiece: Exploiting a Câ€“N Bond Forming Cytochromeâ€…P450 Monooxygenase for Câ€“S Bond Formation. Angewandte Chemie - International Edition, 2020, 59, .	13.8	0
12	Non-naturally Occurring Regio Isomer of Lysophosphatidylserine Exhibits Potent Agonistic Activity toward G Protein-Coupled Receptors. Journal of Medicinal Chemistry, 2020, 63, 9990-10029.	6.4	11
13	Sequential Suzukiâ€“Miyaura Coupling/Lewis Acid-Catalyzed Cyclization: An Entry to Functionalized Cycloalkane-Fused Naphthalenes. Organic Letters, 2020, 22, 6267-6271.	4.6	7
14	Membrane Phospholipid Analogues as Molecular Rulers to Probe the Position of the Hydrophobic Contact Point of Lysophospholipid Ligands on the Surface of G-Protein-Coupled Receptor during Membrane Approach. Biochemistry, 2020, 59, 1173-1201.	2.5	4
15	Frontispiz: Exploiting a Câ€“N Bond Forming Cytochromeâ€…P450 Monooxygenase for Câ€“S Bond Formation. Angewandte Chemie, 2020, 132, .	2.0	0
16	Conformational preference of bicyclic Î²â€amino acid dipeptides. Chirality, 2020, 32, 790-807.	2.6	3
17	Lactam Amide Spinning. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 1006-1012.	0.1	0
18	Uncovering the Networks of Topological Neighborhoods in Î²-Strand and Amyloid Î²-Sheet Structures. Scientific Reports, 2019, 9, 10737.	3.3	10

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19	Overall Shape Constraint of Alternating Î±/Î²-Hybrid Peptides Containing Bicyclic Î²-Proline. Organic Letters, 2019, 21, 7813-7817.	4.6	2
20	Non-naturally Occurring Helical Molecules Can Interfere with p53â€“MDM2 and p53â€“MDMX Proteinâ€“Protein Interactions. Chemical and Pharmaceutical Bulletin, 2019, 67, 1139-1143.	1.3	7
21	Amide nitrogen pyramidalization changes lactam amide spinning. Nature Communications, 2019, 10, 461.	12.8	11
22	Pharmacokinetic parameters explain the therapeutic activity of antimicrobial agents in a silkworm infection model. Scientific Reports, 2018, 8, 1578.	3.3	22
23	Synthesis, structure and Nâ€“N bonding character of 1,1-disubstituted indazolium hexafluorophosphate. Chemical Communications, 2018, 54, 1881-1884.	4.1	3
24	Latent BrÃ¸nsted Base Solvent-Assisted Amide Formation from Amines and Acid Chlorides. Synthesis, 2018, 50, 2041-2057.	2.3	8
25	Contrasting C- and O-Atom Reactivities of Neutral Ketone and Enolate Forms of 3-Sulfonyloxyimino-2-methyl-1-phenyl-1-butanones. Journal of Organic Chemistry, 2018, 83, 203-219.	3.2	13
26	A simple and effective preparation of quercetin pentamethyl ether from quercetin. Beilstein Journal of Organic Chemistry, 2018, 14, 3112-3121.	2.2	5
27	Application of C-Terminal 7-Azabicyclo[2.2.1]heptane to Stabilize Î²-Strand-like Extended Conformation of a Neighboring Î±-Amino Acid. Journal of Organic Chemistry, 2018, 83, 13063-13079.	3.2	14
28	Unexpected Resistance to Base-Catalyzed Hydrolysis of Nitrogen Pyramidal Amides Based on the 7-Azabicyclic[2.2.1]heptane Scaffold. Molecules, 2018, 23, 2363.	3.8	7
29	Facile synthesis of 2,3-benzodiazepines using one-pot two-step phosphate-assisted acylationâ€“hydrazine cyclization reactions. Organic and Biomolecular Chemistry, 2018, 16, 4013-4020.	2.8	7
30	Steric Course of Deprotonation/Substitution of Chelating/Dipoleâ€Stabilizingâ€Groupâ€Substituted Î±â€Aminoâ€• and Î±â€Oxynitriles. European Journal of Organic Chemistry, 2018, 2018, 4128-4134.	2.4	0
31	Cell surface flip-flop of phosphatidylserine is critical for PIEZO1-mediated myotube formation. Nature Communications, 2018, 9, 2049.	12.8	127
32	Use of Chargeâ€Charge Repulsion to Enhance Ï€â€Electron Delocalization into Antiâ€Aromatic and Aromatic Systems. Chemistry - A European Journal, 2017, 23, 2566-2570.	3.3	9
33	Revisiting secondary interactions in neighboring group participation, exemplified by reactivity changes of iminylium intermediates. Organic and Biomolecular Chemistry, 2017, 15, 1381-1392.	2.8	11
34	Chemoselective generation of acyl phosphates, acylium ion equivalents, from carboxylic acids and an organophosphate ester in the presence of a BrÃ¸nsted acid. Chemical Communications, 2017, 53, 1482-1485.	4.1	8
35	Phospholipid localization implies microglial morphology and function via Cdc42 in vitro. Glia, 2017, 65, 740-755.	4.9	17
36	Base-Induced Transformation of 2-Acyl-3-alkyl-2H-azirines to Oxazoles: Involvement of Deprotonation-Initiated Pathways. Journal of Organic Chemistry, 2017, 82, 6313-6326.	3.2	26

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37	Synthesis of Heterocycle-Containing 9,9-Diarylfluorenes Using Superelectrophiles. Journal of Organic Chemistry, 2017, 82, 6044-6053.	3.2	11
38	Molecular Dynamics Study of Nitrogen-Pyramidalized Bicyclic Î²-Proline Oligomers: Length-Dependent Convergence to Organized Structures. Journal of Physical Chemistry B, 2017, 121, 100-109.	2.6	9
39	Electrophilic activation of aminocarboxylic acid by phosphate ester promotes Friedelâ€“Crafts acylation by overcoming chargeâ€“charge repulsion. Organic and Biomolecular Chemistry, 2017, 15, 9398-9407.	2.8	8
40	Elucidation of the E-Amide Preference of N-Acyl Azoles. Journal of Organic Chemistry, 2017, 82, 11370-11382.	3.2	10
41	Lysophosphatidylserine suppresses IL-2 production in CD4 T cells through LPS3/GPR174. Biochemical and Biophysical Research Communications, 2017, 494, 332-338.	2.1	36
42	Probing the Hydrophobic Binding Pocket of G-Protein-Coupled Lysophosphatidylserine Receptor GPR34/LPS₁ by Docking-Aided Structureâ€“Activity Analysis. Journal of Medicinal Chemistry, 2017, 60, 6384-6399.	6.4	17
43	Structural insights into ligand recognition by the lysophosphatidic acid receptor LPA6. Nature, 2017, 548, 356-360.	27.8	101
44	Conformational Constraint of the Glycerol Moiety of Lysophosphatidylserine Affords Compounds with Receptor Subtype Selectivity. Journal of Medicinal Chemistry, 2016, 59, 3750-3776.	6.4	18
45	Nitric oxide-induced oxidative stress impairs pacemaker function of murine interstitial cells of Cajal during inflammation. Pharmacological Research, 2016, 111, 838-848.	7.1	25
46	Hydrogen bonding to carbonyl oxygen of nitrogen-pyramidalized amide â€“ detection of pyramidalization direction preference by vibrational circular dichroism spectroscopy. Chemical Communications, 2016, 52, 4018-4021.	4.1	14
47	The synthesis and BK channel-opening activity of N- acylaminoalkyloxime derivatives of dehydroabietic acid. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 283-287.	2.2	15
48	Tandem buildup of complexity of aromatic molecules through multiple successive electrophile generation in one pot, controlled by varying the reaction temperature. Organic and Biomolecular Chemistry, 2016, 14, 1680-1693.	2.8	9
49	Structureâ€“Activity Relationships of Lysophosphatidylserine Analogs as Agonists of G-Protein-Coupled Receptors GPR34, P2Y10, and GPR174. Journal of Medicinal Chemistry, 2015, 58, 4204-4219.	6.4	41
50	Lysophosphatidylserine analogues differentially activate three LysoPS receptors. Journal of Biochemistry, 2015, 157, 151-160.	1.7	34
51	Deciphering Subtype-Selective Modulations in TRPA1 Biosensor Channels. Current Neuropharmacology, 2015, 13, 266-278.	2.9	8
52	Transnitrosylation Directs TRPA1 Selectivity in N-Nitrosamine Activators. Molecular Pharmacology, 2014, 85, 175-185.	2.3	25
53	Acidâ€Promoted Chemoselective Introduction of Amide Functionality onto Aromatic Compounds Mediated by an Isocyanate Cation Generated from Carbamate. Chemistry - an Asian Journal, 2014, 9, 2995-3004.	3.3	16
54	Protonation Switching to the Leastâ€Basic Heteroatom of Carbamate through Cationic Hydrogen Bonding Promotes the Formation of Isocyanate Cations. Chemistry - A European Journal, 2014, 20, 8682-8690.	3.3	25

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55	Robust trans-Amide Helical Structure of Oligomers of Bicyclic Mimics of Î²-Proline: Impact of Positional Switching of Bridgehead Substituent on Amide cisâ€“trans Equilibrium. Journal of Organic Chemistry, 2014, 79, 5287-5300.	3.2	28
56	Enantiodivergent Deprotonation/Acylation of Î±â€Amino Nitriles. Angewandte Chemie - International Edition, 2013, 52, 12956-12960.	13.8	14
57	Screening quality for Ca2+-activated potassium channel in IonWorks Quattro is greatly improved by using BAPTA-AM and ionomycin. Journal of Pharmacological and Toxicological Methods, 2013, 67, 16-24.	0.7	5
58	Synthesis and BK channel-opening activity of novel N-acylhydrazone derivatives from dehydroabietic acid. Chinese Chemical Letters, 2013, 24, 1023-1026.	9.0	3
59	Stereochemical evidence for stabilization of a nitrogen cation by neighboring chlorine or bromine. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4206-4211.	7.1	19
60	Attenuated Desensitization of Î²-Adrenergic Receptor by Water-Soluble N-Nitrosamines That Induce S-Nitrosylation Without NO Release. Circulation Research, 2013, 112, 327-334.	4.5	24
61	GPR34 is a receptor for lysophosphatidylserine with a fatty acid at the sn-2 position. Journal of Biochemistry, 2012, 151, 511-518.	1.7	69
62	TGFÎ± shedding assay: an accurate and versatile method for detecting GPCR activation. Nature Methods, 2012, 9, 1021-1029.	19.0	297
63	Molecular mechanism of pharmacological activation of BK channels. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3552-3557.	7.1	74
64	Activation of Electrophilicity of Stable Y-Delocalized Carbamate Cations in Intramolecular Aromatic Substitution Reaction: Evidence for Formation of Diprotonated Carbamates Leading to Generation of Isocyanates. Journal of Organic Chemistry, 2012, 77, 9313-9328.	3.2	30
65	Secondary structure of homo-thiopeptides based on a bridged Î²-proline analogue: preferred formation of extended strand structures with trans-thioamide bonds. Tetrahedron, 2012, 68, 4418-4428.	1.9	9
66	Visibleâ€Lightâ€Triggered Release of Nitric Oxide from Nâ€Pyramidal Nitrosamines. Chemistry - A European Journal, 2012, 18, 1127-1141.	3.3	41
67	7-Azabicyclo[2.2.1]heptane as a structural motif to block mutagenicity of nitrosamines. Bioorganic and Medicinal Chemistry, 2011, 19, 2726-2741.	3.0	15
68	Water-Stable Helical Structure of Tertiary Amides of Bicyclic Î²-Amino Acid Bearing 7-Azabicyclo[2.2.1]heptane. Full Control of Amide Cisâ^'Trans Equilibrium by Bridgehead Substitution. Journal of the American Chemical Society, 2010, 132, 14780-14789.	13.7	43
69	Design, synthesis, and characterization of BK channel openers based on oximation of abietane diterpene derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 8642-8659.	3.0	29
70	Cyclization of Arylacetoacetates to Indene and Dihydronaphthalene Derivatives in Strong Acids. Evidence for Involvement of Further Protonation of O,O-Diprotonated Î²-Ketoester, Leading to Enhancement of Cyclization. Journal of the American Chemical Society, 2010, 132, 807-815.	13.7	50
71	Orbital Phase Environments and Stereoselectivities. Topics in Current Chemistry, 2009, 289, 129-181.	4.0	2
72	Theoretical study on the excited states of heteroarene chromophores: Comparison of calculated and experimental values. Chemical Physics Letters, 2009, 473, 196-200.	2.6	13

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73	Synthesis and Evaluation of Lysophosphatidylserine Analogues as Inducers of Mast Cell Degranulation. Potent Activities of Lysophosphatidylthreonine and Its 2-Deoxy Derivative. Journal of Medicinal Chemistry, 2009, 52, 5837-5863.	6.4	67
74	Design, synthesis and characterization of podocarpate derivatives as openers of BK channels. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5197-5200.	2.2	13
75	Novel oxime and oxime ether derivatives of 12,14-dichlorodehydroabietic acid: Design, synthesis, and BK channel-opening activity. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 6386-6389.	2.2	14
76	Novel BK channel openers containing dehydroabietic acid skeleton: Structureâ€“activity relationship for peripheral substituents on ring C. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5201-5205.	2.2	23
77	Superacid-Catalyzed Intramolecular Cyclization Reaction of Arylcyanopropionate:GeminalSubstitution Effect on Superelectrophilicity. Journal of Organic Chemistry, 2008, 73, 4219-4224.	3.2	42
78	Nonplanar Structures of Thioamides Derived from 7-Azabicyclo[2.2.1]heptane. Electronically Tunable Planarity of Thioamides. Journal of Organic Chemistry, 2008, 73, 9102-9108.	3.2	35
79	Anchoring Cationic Amphiphiles for Nucleotide Delivery Significance of DNA Release from Cationic Liposomes for Transfection. Biological and Pharmaceutical Bulletin, 2007, 30, 1117-1122.	1.4	2
80	Transnitrosation of Thiols from AliphaticN-Nitrosamines:ÂS-Nitrosation and Indirect Generation of Nitric Oxide. Journal of the American Chemical Society, 2007, 129, 736-737.	13.7	34
81	Fluorogenic Ion Sensing System Working in Water, Based on Stimulus-Responsive Copolymers Incorporating a Polarity-Sensitive Fluorophore. Macromolecules, 2007, 40, 9651-9657.	4.8	30
82	Generation and Application ofo-Quinone Methides Bearing Various Substituents on the Benzene Ring. Advanced Synthesis and Catalysis, 2007, 349, 669-679.	4.3	43
83	Retro-Dielsâ^'Alder Reaction of 4H-1,2-Benzoxazines to Generate o-Quinone Methides:â€‰ Involvement of Highly Polarized Transition States. Journal of Organic Chemistry, 2007, 72, 10088-10095.	3.2	38
84	Formation of 4H-1,2-Benzoxazines by Intramolecular Cyclization of Nitroalkanes. Scope of Aromatic Oxygen-Functionalization Reaction Involving a Nitro Oxygen Atom and Mechanistic Insights. Journal of the American Chemical Society, 2007, 129, 1724-1732.	13.7	27
85	Design, synthesis, and BK channel-opening activity of hexahydrodibenzazepinone derivatives. Bioorganic and Medicinal Chemistry, 2006, 14, 8014-8031.	3.0	39
86	Oligomers of Î²-amino acid bearing non-planar amides form ordered structures. Tetrahedron, 2006, 62, 11635-11644.	1.9	31
87	Molecular Mechanisms for Large Conductance Ca2+-Activated K+ Channel Activation by a Novel Opener, 12,14-Dichlorodehydroabietic Acid. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 144-153.	2.5	28
88	Theoretical Revisit of Regioselectivities of Dielsâ^'Alder Reactions:Â Orbital-Based Reevaluation of Multicentered Reactivity in Terms of Reactive Hybrid Orbitals. Journal of Physical Chemistry A, 2005, 109, 816-824.	2.5	31
89	Generation of Orbitals that Control Molecular Reactivity:Â Projected Reactive Orbital Approach. Journal of Physical Chemistry A, 2005, 109, 7642-7647.	2.5	4
90	Î±,Î±-Disubstituted Glycines Bearing a Large Hydrocarbon Ring: Peptide Self-Assembly through Hydrophobic Recognition. Chemistry - A European Journal, 2004, 10, 617-626.	3.3	17

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91	Theoretical Analysis of Lewis Basicity Based on Local Electron-Donating Ability. Origin of Basic Strength of Cyclic Amines. Journal of Organic Chemistry, 2004, 69, 7486-7494.	3.2	61
92	4H-1,2-Benzoxazines with Electron-Withdrawing Substituents on the Benzene Ring:Â Synthesis and Application as Potent Intermediates for Oxygen-Functionalized Aromatic Compounds. Journal of the American Chemical Society, 2003, 125, 5282-5283.	13.7	35
93	Dehydroabietic acid derivatives as a novel scaffold for large-Conductance calcium-Activated K+ channel openers. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 3971-3974.	2.2	40
94	An Evaluation of Amide Group Planarity in 7-Azabicyclo[2.2.1]heptane Amides. Low Amide Bond Rotation Barrier in Solution. Journal of the American Chemical Society, 2003, 125, 15191-15199.	13.7	103
95	Theoretical Study of Reactivities in Electrophilic Aromatic Substitution Reactions:â€‰ Reactive Hybrid Orbital Analysis. Journal of Physical Chemistry A, 2003, 107, 2875-2881.	2.5	44
96	Molecular Basis of Pimarane Compounds as Novel Activators of Large-Conductance Ca2+-Activated K+Channel Î±-Subunit. Molecular Pharmacology, 2002, 62, 836-846.	2.3	82
97	Structural Features of AliphaticN-Nitrosamines of 7-Azabicyclo[2.2.1]heptanes That Facilitate Nâ^'NO Bond Cleavage. Journal of the American Chemical Society, 2001, 123, 10164-10172.	13.7	88
98	Usefulness and Limitation of DiBAC4(3), a Voltage-Sensitive Fluorescent Dye, for the Measurement of Membrane Potentials Regulated by Recombinant Large Conductance Ca2+-Activated K+ Channels in HEK293 Cells. The Japanese Journal of Pharmacology, 2001, 86, 342-350.	1.2	94
99	Stereoselection of sterically unbiased Dielsâ€“Alder dienes with spiro conjugation. Tetrahedron Letters, 2001, 42, 5257-5260.	1.4	6
100	Anchoring and bola cationic amphiphiles for nucleotide delivery. effects of orientation and extension of hydrophobic regions. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 2897-2901.	2.2	11
101	Space-filling effects in membrane disruption by cationic amphiphiles. Bioorganic and Medicinal Chemistry, 2001, 9, 1013-1024.	3.0	5
102	Gene transfection activities of amphiphilic steroidâ€“polyamine conjugates. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1468, 396-402.	2.6	56
103	Prototype Pictetâ^'Spengler Reactions Catalyzed by Superacids. Involvement of Dicationic Superelectrophiles. Journal of Organic Chemistry, 1999, 64, 611-617.	3.2	102
104	Orbital-Controlled Stereoselections in Sterically Unbiased Cyclic Systems. Chemical Reviews, 1999, 99, 1337-1376.	47.7	71
105	On the planarity of amide nitrogen. Intrinsic pyramidal nitrogen of N-acyl-7-azabicyclo[2.2.1]heptanes. Tetrahedron Letters, 1998, 39, 865-868.	1.4	46
106	Facial selectivities of benzofluorenes bearing a carbonyl, an olefin, or a diene group in spiro geometry. Ï€ Spiro substituent effects. Tetrahedron Letters, 1998, 39, 403-406.	1.4	12
107	Superacid-Catalyzed Electrocyclization of Diphenylmethyl Cations to Fluorenes. Kinetic and Theoretical Revisit Supporting the Involvement of Ethylene Dications. Journal of the American Chemical Society, 1998, 120, 4629-4637.	13.7	27
108	Superacid-Catalyzed Electrocyclization of 1-Phenyl-2-propen-1-ones to 1-Indanones. Kinetic and Theoretical Studies of Electrocyclization of Oxoniumâ^'Carbenium Dications. Journal of the American Chemical Society, 1997, 119, 6774-6780.	13.7	78

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109	Non-steric facial selectivity in nucleophilic 1,4-conjugate additions. Tetrahedron Letters, 1997, 38, 425-428.	1.4	7
110	A Cyclopropyl Group Shows Reverse Facial Selectivity Depending on the Bicyclic Ring System. Tetrahedron Letters, 1997, 38, 6693-6696.	1.4	10
111	Three-Center, Two-Electron Systems. Origin of the Tilting of Their Substituents. Journal of the American Chemical Society, 1996, 118, 7247-7254.	13.7	65
112	Orbital Unsymmetrization Affects Facial Selectivities of Dielsâ^'Alder Dienophiles. Journal of Organic Chemistry, 1996, 61, 3155-3166.	3.2	19
113	Orbital Unsymmetrization of Olefins Arising from Non-equivalent Orbital Interactions. .SIGMA.-.PI. Coupling in Bicyclo(2.2.2)octenes.. Chemical and Pharmaceutical Bulletin, 1996, 44, 296-306.	1.3	14
114	A remote substituent can determine magnitude of facial selectivity in benzobicyclo[2.2.2]octatrienes. Tetrahedron Letters, 1996, 37, 2609-2612.	1.4	8
115	Friedel-Crafts-type reaction of benzaldehyde with benzene. Diprotonated benzaldehyde as the reactive intermediate.. Journal of the American Chemical Society, 1995, 117, 11081-11084.	13.7	75
116	Orbitals Distortion of Carbonyl and Olefin Groups. Unsymmetrization of .PI. Lobes Arising from .PI.-.PI. Orbital Interactions.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1994, 52, 596-607.	0.1	3
117	Friedel-Crafts-Type Cyclodehydration of 1,3-Diphenyl-1-propanones. Kinetic Evidence for the Involvement of Dication. Journal of the American Chemical Society, 1994, 116, 2312-2317.	13.7	68
118	Distortion of Olefin and Carbonyl .pi.-Orbitals in Dibenzobicyclo[2.2.2]octatrienes and Dibenzobicyclo[2.2.2]octadienones. Unsymmetrization of .pi. Lobes Arising from .pi.-.pi. Orbital Interactions. Journal of Organic Chemistry, 1994, 59, 3975-3984.	3.2	25
119	Dihedral angle-dependent orbital distortions arising from vicinal bonds in norbornene and 2-norbornanone. Tetrahedron, 1993, 49, 7649-7656.	1.9	11
120	Orbital distortion in dibenzobicyclo(2.2.2)octatrienes. Biased epoxidation and dihydroxylation of the olefin moiety.. Chemical and Pharmaceutical Bulletin, 1992, 40, 3349-3351.	1.3	7
121	Orbital distortion arising from remote substituents. Nitration, reduction, and epoxidation of fluorenes bearing a carbonyl or an olefin group in spiro geometry. Journal of the American Chemical Society, 1992, 114, 8818-8827.	13.7	46
122	Requirements for Houben-Hoesch and Gattermann reactions. Involvement of diprotonated cyanides in the reactions with benzene. Journal of the American Chemical Society, 1991, 113, 691-692.	13.7	61
123	The Hammett Acidity Function H0 of Trifluoromethanesulfonic Acid-Trifluoroacetic Acid and Related Acid Systems. A Versatile Nonaqueous Acid System.. Chemical and Pharmaceutical Bulletin, 1991, 39, 2718-2720.	1.3	46
124	Orbital distortion arising from remote substituents nitration and reduction of spiro(cyclopenta-1,9'-fluorene)-2-ones.. Chemical and Pharmaceutical Bulletin, 1991, 39, 2176-2178.	1.3	9
125	4H-1,2-Benzoxazines as novel precursors of o-benzoquinone methide. Journal of the American Chemical Society, 1990, 112, 5341-5342.	13.7	50
126	Reactions of O,O-diprotonated nitro olefins with benzenes. Formations of phenylacetones, 4H-1,2-benzoxazines and biarylacetone oximes. Tetrahedron, 1990, 46, 7539-7555.	1.9	36

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127	Substituted Ethylene Dications. Yakugaku Zasshi, 1989, 109, 1-11.	0.2	3
128	Reaction of diphenylmethyl cations in a strong acid. Participation of carbodications with positive charge substantially delocalized over the aromatic rings. Journal of the American Chemical Society, 1988, 110, 1862-1870.	13.7	48
129	Reaction of Î²-nitrostyrenes with benzene catalyzed by trifluoromethanesulfonic acid. Formation and reaction of n,n-dihydroxyiminium-benzyl dications. Tetrahedron, 1987, 43, 297-305.	1.9	26