

# Yuji Naruse

## List of Publications by Year in descending order

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27  
papers

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citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	An Evaluation of Amide Group Planarity in 7-Azabicyclo[2.2.1]heptane Amides. Low Amide Bond Rotation Barrier in Solution. <i>Journal of the American Chemical Society</i> , 2003, 125, 15191-15199.	13.7	103
2	Insecticidal and Neuroblocking Potencies of Variants of the Imidazolidine Moiety of Imidacloprid-Related Neonicotinoids and the Relationship to Partition Coefficient and Charge Density on the Pharmacophore. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 812-818.	5.2	55
3	Molecular Features of Neonicotinoid Pharmacophore Variants Interacting with the Insect Nicotinic Receptor. <i>Chemical Research in Toxicology</i> , 2009, 22, 476-482.	3.3	48
4	Relaxation of ring strain by introduction of a double bond. <i>Tetrahedron Letters</i> , 2001, 42, 6553-6556.	1.4	42
5	Enantiomeric Enrichment of Allenedicarboxylates by a Chiral Organoeuropium Reagent. <i>Journal of Organic Chemistry</i> , 1997, 62, 3862-3866.	3.2	40
6	An Orbital Phase Theory for the Torquoselectivity of the Ring-Opening Reactions of 3-Substituted Cyclobutenes: Geminal Bond Participation. <i>Journal of Organic Chemistry</i> , 2004, 69, 7246-7249.	3.2	36
7	σ and π Relaxation of Strain in Three-Membered Ring Molecules (CH <sub>2</sub> ) <sub>2</sub> X, (NH) <sub>2</sub> X, and (SiH <sub>2</sub> ) <sub>2</sub> X (X = SiH <sub>2</sub> ,) <i>J. Org. Chem.</i> 2001, 66, 1074-1081.	2.5	32
8	σ-Relaxation of the ring strain: design of polycyclic unsaturated silicon molecules. <i>Tetrahedron</i> , 2006, 62, 4491-4497.	1.9	22
9	Geminal Bond Participation in the Cope Rearrangements of Z- and E-Substituted 1,5-Hexadienes and in the Reverse Reactions. <i>Chemistry Letters</i> , 1999, 28, 363-364.	1.3	21
10	Geminal bond participation in Alder ene reaction. <i>Tetrahedron Letters</i> , 2005, 46, 6937-6940.	1.4	17
11	Insecticidal and neuroblocking potencies of variants of the thiazolidine moiety of thiacloprid and quantitative relationship study for the key neonicotinoid pharmacophore. <i>Journal of Pesticide Sciences</i> , 2008, 33, 58-66.	1.4	17
12	Relaxation of Ring Strains. <i>Topics in Current Chemistry</i> , 2009, 289, 265-291.	4.0	15
13	Geminal bond participation and torquoselectivity in cheletropic reactions. <i>Tetrahedron Letters</i> , 2003, 44, 8509-8512.	1.4	14
14	Participation of Geminal Bonds in Organic Reactions. <i>Chemistry Letters</i> , 2007, 36, 820-825.	1.3	12
15	Predominance of the Participation of the Geminal over Vicinal Bonds: Torquoselectivity of Retro-Nazarov Reactions. <i>Organic Letters</i> , 2012, 14, 3728-3731.	4.6	8
16	Geminal bond participation in the uncatalyzed Mukaiyama aldol reaction. <i>Tetrahedron Letters</i> , 2007, 48, 817-820.	1.4	7
17	Thermal [3,3]-rearrangement of 1,1-disubstituted allyl carboxylates: lone pair participation and the geminal bond participation. <i>Tetrahedron</i> , 2010, 66, 7035-7040.	1.9	5
18	Design of a new axially chiral molecule by conformational fixation: 2,6-diphospha- and 2,6-diarsaspiro[3.3]heptanes. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 169-171.	1.8	5

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19	Geminal bond participation in Carroll rearrangement. <i>Tetrahedron Letters</i> , 2011, 52, 4456-4460.	1.4	4
20	Design of a new axially chiral molecule by conformational fixation: 2,6-dithiaspiro[3.3]heptane 2,6-dioxide and its heavier analogues. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 781-784.	1.8	4
21	Ethylation by Ethyl Ethers in the Presence of Organometallic Bases: Reactions of Hydrocycloalk[b]indoles. <i>Journal of Organic Chemistry</i> , 1999, 64, 639-640.	3.2	3
22	1,2-Metallobridging and the Antiperiplanar Effect. Thermodynamic Preference for the <i>Z</i> -Configuration in Imidoyl(Alkali Metals) and their Phosphorus Analogs. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 2447-2456.	1.6	3
23	Theoretical Design of Doubly Bonded Hypervalent Atoms. <i>Organometallics</i> , 2007, 26, 5543-5547.	2.3	2
24	Geminal bond participation is essential for the contradictory torquoselectivities in retro-Nazarov reactions. <i>Tetrahedron Letters</i> , 2015, 56, 3813-3815.	1.4	2
25	Orbital theory for diastereoselectivity in electrophilic addition. <i>Tetrahedron Letters</i> , 2016, 57, 2029-2033.	1.4	2
26	First observable CD spectra from $n \rightarrow f^*$ excitation: TD-DFT calculation and determination of absolute configuration of 2,6-dithiaspiro[3.3]heptane 2,6-dioxide. <i>Arkivoc</i> , 2015, 2015, 151-160.	0.5	2
27	Design of a new molecule that exhibits observable CD spectra under $f \rightarrow f^*$ excitation: 2,6-Disilyl-2,6-disilaspiro[3.3]heptanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 523-525.	1.6	0