

# Daisuke Kaneno

## List of Publications by Year in descending order

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27  
papers

1,036  
citations

687220

13  
h-index

501076

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereochemical Determination of Acyclic Structures Based on Carbon-13 Proton Spin-Coupling Constants. A Method of Configuration Analysis for Natural Products. <i>Journal of Organic Chemistry</i> , 1999, 64, 866-876.	1.7	697
2	Parrich's index to describe both electrophilicity and nucleophilicity. <i>Tetrahedron Letters</i> , 2013, 54, 339-342.	0.7	44
3	Intrinsic reactivity index as a single scale directed toward both electrophilicity and nucleophilicity using frontier molecular orbitals. <i>Tetrahedron</i> , 2013, 69, 4247-4258.	1.0	36
4	Theoretical Study on the Mechanism and Diastereoselectivity of NaBH <sub>4</sub> Reduction. <i>Journal of Physical Chemistry A</i> , 2009, 113, 2578-2583.	1.1	29
5	The Origin of Cis Effect in 1,2-Dihaloethenes: The Quantitative Comparison of Electron Delocalizations and Steric Exchange Repulsions. <i>Bulletin of the Chemical Society of Japan</i> , 2008, 81, 1415-1422.	2.0	28
6	Origin of Facial Diastereoselection. Evidence for Negative Role of Antiperiplanar Hyperconjugation Effects in the Transition State of Carbene Insertion. <i>Organic Letters</i> , 2003, 5, 2947-2949.	2.4	21
7	The Importance of Lone Pair Delocalizations: Theoretical Investigations on the Stability of cis and trans Isomers in 1,2-Halodiazenes. <i>Journal of Organic Chemistry</i> , 2008, 73, 5429-5435.	1.7	17
8	Intra- and Intermolecular Reaction Selectivities of $\beta$ -Substituted Adamantanylidenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 1340-1360.	1.7	17
9	The Importance of Lone Pair Electron Delocalization in the cis-trans isomers of 1,2-Dibromoethenes. <i>Chemistry Letters</i> , 2005, 34, 1190-1191.	0.7	15
10	Iriomoteolides-10a and 12a, Cytotoxic Macrolides from Marine Dinoflagellate <i>Amphidinium</i> Species. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 1019-1023.	0.6	15
11	Bright and two-photon active red fluorescent dyes that selectively move back and forth between the mitochondria and nucleus upon changing the mitochondrial membrane potential. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7396-7401.	2.9	15
12	Solvent effects on the diastereoselection in LiAlH <sub>4</sub> reduction of $\alpha$ -substituted ketones. <i>Tetrahedron Letters</i> , 2008, 49, 4223-4226.	0.7	13
13	Origin of p-Facial Diastereoselection in Carbonyl Addition. Application of the Exterior Frontier Orbital Extension Model to 1,3-Diheteran-5-ones (Heteroatom = O, S). <i>Heterocycles</i> , 2000, 52, 1435.	0.4	13
14	Reversal of $\beta$ -facial diastereoselection in the hydride reduction of selenanones. Further application of the exterior frontier orbital extension model. <i>Tetrahedron Letters</i> , 2000, 41, 4597-4601.	0.7	11
15	Origin of Diastereoselection in the Hydrosilylation of Chiral N-Acyliminium Intermediates Derived from Pyroglutamic Acid. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2412-2415.	7.2	11
16	Synthesis and photophysical properties of a new push-pull pyrene dye with green-to-far-red emission and its application to human cellular and skin tissue imaging. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1641-1649.	2.9	9
17	$\beta$ -facial diastereoselection of hydride reduction of 1,3-diheteran-5-ones: application of the exterior frontier orbital extension model. <i>Heteroatom Chemistry</i> , 2001, 12, 358-368.	0.4	8
18	Effects of the Monomeric Components of Poly-hydroxybutyrate-co-hydroxyhexanoate on the Growth of <i>Vibrio parahaemolyticus</i> In Vitro and on the Survival of Infected Kuruma Shrimp ( <i>Marsupenaeus japonicus</i> ). <i>Animals</i> , 2021, 11, 567.	1.0	8

#	ARTICLE	IF	CITATIONS
19	Origin of facial diastereoselection in 2-adamantyl cations. Theoretical evidence against the Felkin-Anh and the Cieplak models. <i>Tetrahedron Letters</i> , 2004, 45, 4559-4562.	0.7	7
20	Stereoelectronic and conformational effects on the stereochemical course of reduction of bicyclo[3.3.1]nonane 1,3-diketones. <i>Canadian Journal of Chemistry</i> , 2001, 79, 1598-1605.	0.6	5
21	Intramolecular titanium-promoted deoxygenative cyclization to 9-substituted-1,2,3,4-tetrahydrofluorene skeleton. <i>Tetrahedron Letters</i> , 2010, 51, 1651-1653.	0.7	3
22	Synthesis and characterization of novel polyoxometalates with an inverted-Keggin structure as a new class of building unit. <i>Inorganic Chemistry Communication</i> , 2013, 38, 123-126.	1.8	3
23	Synthesis of trans-2,6-Piperidinedicarboxamide Using the Ugi Reaction. A Plausible Model for the Biosynthesis of Halichonadin P. <i>Heterocycles</i> , 2016, 92, 857.	0.4	3
24	Protecting group-free method for synthesis of N-glycosyl carbamates and an assessment of the anomeric effect of nitrogen in the carbamate group. <i>Carbohydrate Research</i> , 2021, 505, 108280.	1.1	3
25	Origin of $\epsilon$ -Facial Diastereoselection in Nucleophilic Addition to 1,3-Diheteran-5-ones (Heteroatom = O,) <i>Tetrahedron Letters</i> , 2011, 52, 1161-1162.	0.7	2
26	The Danishefsky pyranone puzzle: an explanation based on the exterior frontier orbital extension model. <i>Tetrahedron Letters</i> , 2009, 50, 329-332.	0.7	1
27	Prediction of Facial Diastereoselection with the Exterior Frontier Orbital Extension Model (EFOE) <i>Tetrahedron Letters</i> , 2011, 52, 1161-1162.	0.7	2