

<雑誌論文> ※はレフェリー付き論文

NO.		著者名	論文標題	雑誌名 (巻)	発行年	ページ
1	※	Takagi, Y.; Kunishi, T.; Katayama, T.; Ishibashi, Y.; Miyasaka, H.; <u>Morimoto, M.</u> ; <u>Irie, M.</u>	Photoswitchable fluorescent diarylethene derivatives with short alkyl chain substituents (DOI: 10.1039/c2pp25078k)	Photochem. Photobiol. Sci. (11)	2012	1661-1665
2	※	Sato, M.; <u>Yamataka, H.</u> ; Komeiji, Y.; <u>Mochizuki, M.</u>	FMO-MD Simulations on Hydration of Formaldehyde in Water Solution with Constraint Dynamics (DOI: 10.1002/chem.201200874)	Chem. Eur. J. (18)	2012	6430-6433
3	※	Abe, M.; <u>Yamataka, H.</u>	Kinetic Study of BH3 Reduction of Benzaldehydes. Identification of Effective Reducing Species (DOI: 10.1002/poc.1945)	J. Phys. Org. Chem. (25)	2012	502-505
4	※	Katayama, M.; Sasagawa, K.; <u>Yamataka, H.</u>	Experimental Study on the Reaction Pathway of α -Haloacetophenones with Nucleophiles: Direct Substitution or Carbonyl Addition?" (DOI: 10.1002/poc.2901)	J. Phys. Org. Chem.(25)	2012	680-685
5	※	Akimoto, R.; Tokugawa, T.; Yamamoto, Y.; <u>Yamataka, H.</u>	Reaction Pathway and Rate-Determining Step of the Schmidt Rearrangement/Fragmentation: A Kinetic Study (DOI: 10.1021/jo300419c)	J. Org. Chem. (77).	2012	4073-4078
6	※	Mori, H.; Hirayama, N.; Komeiji, Y.; <u>Mochizuki, Y.</u>	Differences in hydration between cis- and trans-platin: Quantum insights by ab initio fragment molecular orbital-based molecular dynamics (FMO-MD) (DOI:10.1016/j.comptc.2012.02.008)	Comp. Theor. Chem. (986)	2012	30-34
7	※	Nakano, T.; <u>Mochizuki, Y.</u> ; Yamashita, K.; Watanabe, C.; Fukuzawa, K.; Segawa, K.; Okiyama, Y.; Tsukamoto, T.; Tanaka, S.	Development of the four-body corrected fragment molecular orbital (FMO4) method (DOI: 10.1016/j.cplett.2011.12.004)	Chem. Phys. Lett. (523)	2012	128-133
8	※	Saitow, M.; <u>Mochizuki, Y.</u>	Excited state calculation for free-base and metalloporphyrins with the partially renormalized polarization propagator approach (DOI: 10.1016/j.cplett.2011.12.063)	Chem. Phys. Lett. (525-526)	2012	144-149

9	※	Tsukamoto, T.; <u>Mochizuki, Y.</u> ; Watanabe, N.; Fukuzawa, K.; Nakano, T.	Partial geometry optimization with FMO-MP2 gradient: Application to TrpCage (DOI: 10.1016/j.cplett.2012.03.046)	Chem. Phys. Lett. (535)	2012	157-162
10	※	Itoh, Y; Sando, A; Ikeda, K; Suzuki, T; and <u>Tokiwa, H</u>	Origin of inhibitory activity of 4-O-substituted sialic derivatives for human parainfluenza virus (DOI: 10.1007/s10719-012-9384-3)	Glyco. J. (29)	2012	231-237
11	※	Nakano, Y; Kawase, S; Sando, A; and <u>Tokiwa, H</u>	Activation of Adrenergic β Receptor by Free Fatty Acid Composition (DOI: 10.2477/jccj.2011-001)	J.Comp.Chem. Jpn. (11)	2012	121-124
12	※	<u>Tokiwa, H</u>	Recent Development of Multiscale Simulations for Drug Design	Yakugakuza- shi (132)	2012	861-862
13	※	Endo-Umeda, K; Uno, S; Fujimori, K; Naito, Y; Saito, K; Yamagishi, K; Jeong, K; Miyachi, H; <u>Tokiwa, H</u> ; Yamada, S; and Makishima	Differential Expression and Function of Alternative Splicing Variants of Human Liver X Receptor α (DOI:10.1124/mol.111.077206)	Mol. Pharm.(81)	2012	800-810
14	※	Suhara, Y; Hanada, N; Okitsu, T; Sakai, M; Watanabe, M; Nakagawa, K; Wada, A; Takeda, K; Takahashi, K; <u>Tokiwa, H</u> ; and Okano, T	Structure-Activity Relationship of Novel Menaquinone-4 Analogues: Modification of the Side Chain Affects their Biological Activities (dx.doi.org/10.1021/jm2013166)	J. Med. Chem. (55)	2012	1553- 1558
15	※	Terao, F; <u>Morimoto, M.</u> ; <u>Irie, M.</u>	Light-Driven Molecular-Crystal Actuators: Rapid and Reversible Bending of Rodlike Mixed Crystals of Diarylethene Derivatives (DOI: 10.1002/anie.201105585)	Angew. Chem. Int. Ed. (51)	2012	901-904
16	※	Ishibashi, Y.; Umesato, T.; Kobatake, S; <u>Irie, M.</u> ; Miyasaka, H.	Femtosecond Laser Photolysis Studies on Temperature Dependence of Cyclization and Cycloreversion Reactions of a Photochromic Diarylethene Derivative	J. Phys. Chem.	2012	4862- 4869

17	※	Li, H.; Li, L.; Zheng, Q.; <u>Kuroda, C.</u> ; Wang, Q.	Phaeophytin Analogues from <i>Ligularia knorringiana</i> (DOI: 10.3990/molecules17055219)	Molecules (17)	2012	5219- 5224
18	※	<u>Kuroda, C.</u> ; Hanai, R.; Nagano, H.; Tori, M.; Gong, X.	Diversity of furanoeremophilanes in major <i>Ligularia</i> species in the Hengduan Mountains	Natural Product Commun. (7)	2012	539-548
19	※	Hirota, H.; Horiguchi, Y.; Kawaii, S.; <u>Kuroda, C.</u> ; Hanai, R.; Gong, X.	Four New Bisabolane-type Sesquiterpenes from <i>Ligularia</i> <i>lankongensis</i>	Natural Product Commun. (7)	2012	451-454
20	※	Saito, Y.; Iwamoto, Y.; Okamoto, Y.; Gong, X.; <u>Kuroda, C.</u> ; Tori, M.	Four New Guaianolides and Acetylenic Alcohol from <i>Saussurea</i> <i>katochaete</i> Collected in China	Natural Product Commun. (7)	2012	447-450
21	※	Shimizu, A.; Suzuki, Y.; Torihata, A.; Hanai, R.; Saito, Y.; Tori, M.; Gong, X.; <u>Kuroda, C.</u>	Complex diversity in <i>Ligularia</i> <i>kanaitzensis</i>	Natural Product Commun. (7)	2012	431-434
22	※	Saito, Y.; Ichihara, M.; Okamoto, Y.; Gong, X.; <u>Kuroda, C.</u> ; Tori, M.	Four New Eremophilane-Type Alcohols from <i>Cremanthodium</i> <i>helianthus</i> Collected in China	Natural Product Commun. (7)	2012	423-426

23	※	Nagano, H.; Hanai, R.; Yamada, H.; Matsushima, M.; Miura, Y.; Hoya, T.; Ozawa, M.; Fujiwara, M.; Kodama, H.; Torihata, A.; Onuki, H.; Nezu, Y.; Kawai, S.; Yamazaki, M.; Hirota, H.; Saito, Y.; Tori, M.; Ohsaki, A.; Gong, X.; Kuroda, C.	Chemical and Genetic Study of <i>Ligularia duciformis</i> and Related Species in Sichuan and Yunnan Provinces of China	Chemistry and Biodiversity (9)	2012	789-805
24	※	花井亮、 黒田智明、 通元夫	中国横断山脈でオーミックスペース を齧る	生物物理 (52)	2012	36-37
25	※	<u>Yamanaka, M.</u> ; Gotoh, R.	Chiral Zn(II)-Bisamidine Complex As a Lewis Acid-Bronsted Acid Combined Catalyst: Application to Asymmetric Mukaiyama Aldol Reaction of α -Ketoester	Molecules	2012	9010- 9022
26	※	Akiyama, T.; <u>Yamanaka, M.</u> ; Hoshino, M.; Katoh, T.; Mori, M.	Kinetic Resolution in Chiral Bronsted Acid Catalyzed Aldol Reaction: Enantioselective Robinson-type Annulation Reaction	Eur. J. Org. Chem.	2012	4508- 4514
27	※	<u>Morimoto, M.</u> ; Takashio, N.; <u>Irie, M.</u>	Crystal structures and dielectric properties of 2-imidazoline derivatives having intermolecular hydrogen-bonded networks (DOI: 10.1246/cl.2012.525)	Chem. Lett. (41)	2012	525-527
28	※	Sakiyama, S.; Yamazoe, S.; Uyama, A.; <u>Morimoto, M.</u> ; Yokojima, S.; Kojima, Y.; Nakamura, S.; Uchida, K.	Photoinduced reversible heteroepitaxial microcrystal growth of a photochromic diarylethene on (110) surface of SrTiO ₃ (DOI: 10.1021/cg201560f)	Cryst. Growth Des. (12)	2012	1464- 1468

29	※	Yagai, S.; Ohta, K.; Gushiken, M.; Iwai, K.; Asano, A.; Seki, S.; Kikkawa, Y.; <u>Morimoto, M.</u> ; Kitamura, A.; Karatsu, T.	Photoreversible supramolecular polymerisation and hierarchical organization of hydrogen-bonded supramolecular co-polymers composed of diarylethenes and oligothiophenes (DOI: 10.1002/chem.201103465)	Chem. Eur. J. (18)	2012	2244- 2253
30	※	Imanishi, S.; Munakata, S.; <u>Takefuda, Y.</u> ; <u>Edamoto, K.</u> ; Ozawa, K.	Characterization of Ni ₂ P(10 $\bar{1}$ 0): Soft X-ray Photoelectron Spectroscopy Study (DOI: 10.1380/ejssnt.2012.45)	e-J. Surf. Sci. Nanotech. (10)	2012	45-49
31	※	Hasegawa, T.; Munakata, S.; Imanishi, S.; <u>Takefuda, Y.</u> ; <u>Edamoto, K.</u> ; Ozawa, K.	Oxidation of Ultra-Thin Ti Films on Mo(100): Soft X-ray Photoelectron Spectroscopy Study (DOI: 10.1016/j.susc.2011.10.028)	Surf. Sci. (606)	2012	414-419
32	※	<u>Wada, T.</u> ; Ohtsu, H.; Tanaka, K.	Catalytic Four-Electron Oxidation of Water by Intramolecular Coupling of the Oxo Ligands of a Bis(ruthenium-bipyridine) Complex (DOI: 10.1002/chem.201102236)	Chem. Eur. J. (18)	2012	2374- 2381
33	※	<u>Oyama, H. T.</u> ; Sekikawa, M.; Shida, S.	Effect of the interface structure on the morphology and the mechanical, thermal, and flammability properties of polypropylene/poly(phenylene ether)/magnesium hydroxide composites (DOI: 10.1016/j.polymdegradstab.2012.02.005)	Polym. Degrad. Stab. (97)	2012	755-765
34	※	Itoh, S.; <u>Yamataka, H.</u>	Dynamics Effects on E2/E1cb Borderline Mechanism. Unimolecular Elimination of 2-Aryl-3-chloro-2-R-propanols (DOI: 10.1002/chem.201001926)	Chem. Eur. J. (17)	2011	1230- 1237
35	※	Itoh, S.; Yoshimura, N.; Sato, M.; <u>Yamataka, H.</u>	A Computational Study on the Reaction Pathway of α -Bromoacetophenones with Hydroxide Ion: Possible Path Bifurcation in Addition/Substitution Mechanism (DOI: 10.1021/jo201485y)	J. Org. Chem., (76)	2011	8294- 8299

36	※	Yamamoto, Y.; Hasegawa, H.; <u>Yamataka, H.</u>	Dynamic Path Bifurcation in the Beckmann Reaction: Support from Kinetic Analyses (DOI: 10.1021/jo200728t)	J. Org. Chem. (76)	2011	4652– 4660
37	※	Ando, K.; Shimazu, Y.; Seki, N.; <u>Yamataka, H.</u>	Kinetic Study of Proton-Transfer Reactions of Phenylnitromethanes. Implication for the Origin of Nitroalkane Anomaly (DOI: 10.1021/jo200383f)	J. Org. Chem. (76)	2011	3937- 3945
38	※	<u>Mochizuki, Y.</u> ; Nakano, T.; Komeiji, Y. Yamashita, K.; Okiyama, Y.; Yoshikawa, H.; <u>Yamataka, H.</u>	Fragment Molecular Orbital-Based Molecular Dynamics (FMO-MD) Method with MP2 Gradient (DOI: 10.1016/j.cplett.2011.01.039)	Chem. Phys. Lett. (504)	2011	95-99
39	※	Taguchi, N.; <u>Mochizuki, Y.</u> ; Nakano, T.	Fragment molecular orbital calculations for excitation energies of blue- and yellow-fluorescent proteins (DOI: 10.1016/j.cplett.2011.01.054)	Chem. Phys. Lett. (504)	2011	76-82
40	※	<u>Mochizuki, Y.</u> ; Nakano, T.; Komeiji, Y.; Yamashita, K.; Okiyama, Y.; Yoshikawa, H.; <u>Yamataka, H.</u>	Fragment molecular orbital-based molecular dynamics (FMO-MD) method with MP2 gradient (DOI: 10.1016/j.cplett.2011.01.039)	Chem. Phys. Lett. (504)	2011	95-99
41	※	Fujiwara, T.; Mori, H.; <u>Mochizuki, Y.</u> ; Osanai, Y.; Miyoshi, E.	4F-in-Core Model Core Potentials for Trivalent Lanthanides (DOI: 10.1016/j.cplett.2011.05.028)	Chem. Phys. Lett. (510)	2011	261-266
42	※	<u>Mochizuki, Y.</u> ; Yamashita, K.; Nakano, T.; Okiyama, Y.; Fukuzawa, K.; Taguchi, N.; Tanaka, S.	Higher-order correlated calculations based on fragment molecular orbital scheme (DOI: 10.1007/s00214-011-1036-3)	Theor. Chem. Acc. (130)	2011	515-530
43	※	Suhara, Y; Watanabe, M; Motoyoshi, S; Nakagawa, K; Wada, A; Takeda, K; Takahashi, K; <u>Tokiwa, H</u> ; and Okano, T	Synthesis of New Vitamin K Analogues as Steroid and Xenobiotic Receptor (SXR) Agonists: Insights into the Biological Role of the Side Chain Part of Vitamin K (dx.doi.org/10.1021/jm200201k)	J. Med. Chem. (54)	2011	4918- 4922

44	※	<u>Tokiwa, H.</u>	Current Trends of Theoretical and Medicinal Chemistry (dx.doi.org/10.1248/yakushi.131.1149)	Yakugakuza-shi (131)	2011	1149-1150
45	※	Uno, K.; Niikura, H.; <u>Morimoto, M.</u> ; Ishibashi, Y.; Miyasaka, H.; <u>Irie, M.</u>	In Situ Preparation of Highly Fluorescent Dyes upon Photoirradiation (DOI: 10.1021/ja204583e)	J. Am. Chem. Soc. (133)	2011	13558-13564
46	※	Fukaminato, T.; Doi, T.; Tamaoki, N.; Okuno, K.; Ishibashi, Y.; Miyasaka, H.; <u>Irie, M.</u>	Single-Molecule Fluorescence Photoswitching of a Diarylethene-Perylenebisimide Dyad: Non-destructive Fluorescence Readout (DOI: 10.1021/ja110686t)	J. Am. Chem. Soc. (133)	2011	4984-4990
47	※	Mori, K.; Ishibashi, Y.; Matsuda, H.; Ito, S.; Nagasawa, Y.; Nakagawa, H.; Uchida, K.; Yokojima, S.; Nakamura, S.; <u>Irie, M.</u> ; Miyasaka, H.	One-Color Reversible Control of Photochromic Reactions in a Diarylethene Derivative: Three-Photon Cyclization and Two-Photon Cycloreversion by a Near-Infrared Femtosecond Laser Pulse at 1.28 μ m (DOI: 10.1021/ja108992t)	J. Am. Chem. Soc. (133)	2011	2621-2625
48	※	Ishibashi, Y.; Fujiwara, M.; Umesato, T.; Saito, H.; Kobatake, S.; <u>Irie, M.</u> ; Miyasaka, H.	Cyclization Reaction Dynamics of a Photochromic Diarylethene Derivative as Revealed by Femtosecond to Microsecond Time-Resolved Spectroscopy (DOI: 10.1021/jp112370a)	J. Phys. Chem. C (115)	2011	4265-4272
49	※	Nakai, H.; Uemura, S.; Miyano, Y.; Mizuno, M.; <u>Irie, M.</u> ; Isobe, K.	Photoreactivity of crystals of a rhodium dithionite complex with ethyletetramethylcyclopentadienyl ligands: Crystal surface morphology changes and degradation (DOI: 10.1039/c0dt01645d)	Dalton Trans. (40)	2011	2177-2179
50	※	Shiga, T.; Miyasaka, H.; Yamashita, M.; <u>Morimoto, M.</u> ; <u>Irie, M.</u>	Copper(II)-terbium(III) Single Molecule Magnets linked by photochromic ligands (DOI: 10.1039/c0dt01119c)	Dalton Trans. (40)	2011	2275-2282
51	※	Sanz-Menez, N.; Monnier, V.; Colombier, I.; L. Baldeck, P.; <u>Irie, M.</u> ; Ibanez, A.	Photochromic fluorescent diarylethene nanocrystals grown in sol-gel thin films (DOI: 10.1016/j.dyepig.2010.03.017)	Dyes and Pigments (89)	2011	241-245

52	※	<u>Morimoto, M.</u> ; <u>Irie, M.</u>	Photochemical control of dielectric properties based on intermolecular proton transfer in a hydrogen-bonded diarylethene crystal (DOI: 10.1039/c0cc05729k)	Chem. Commun. (47)	2011	4186-4188
53	※	Yamaguchi, T.; Taniguchi, W.; Kagawa, T.; Kamihashi, Y.; Ozeki, T.; <u>Morimoto, M.</u> ; <u>Irie, M.</u>	Photochromism of 1,2-Bis(5- <i>n</i> -alkyl-2-phenyloxazol-4-yl)perfluorocyclopentene Derivatives in Single-crystalline Phase (DOI: 10.1246/cl2011.635)	Chem. Lett. (40)	2011	635-637
54	※	Yamaguchi, T.; Hosaka, M.; Ozeki, T.; <u>Morimoto, M.</u> ; <u>Irie, M.</u>	Photochromism of diarylethene derivatives bearing a benzo[b]silole unit (DOI: 10.1016/j.tetlet.2011.08.063)	Tetrahedron Letters (52)	2011	5601-5604
55	※	Saito, Y.; Ichihara, M.; Okamoto, Y.; Gong, X.; <u>Kuroda, C.</u> ; Tori, M.	For eremophil-9-en-8-one derivatives from <i>Cremanthodium stenactinium</i> collected in China (DOI:10.3390/molecules161210645)	Molecules (16)	2011	10645-10652
56	※	Saito, Y.; Ichihara, M.; Okamoto, Y.; Gong, X.; <u>Kuroda, C.</u> ; Tori, M.	Five New Subspicatin and Noreremophilane from <i>Parasenecio petasitoides</i> Collected in China (DOI: 10.1016/j.tetlet.2011.09.063)	Tetrahedron Lett. (52)	2011	6388-6391
57	※	Yu, J.-J.; <u>Kuroda, C.</u> ; Gong, X.	Natural hybridization and introgression in sympatric <i>Ligularia</i> species (Asteraceae, Senecioneae) (DOI: 10.1111/j.1759-6831.2011.00150.x)	J. Systematics and Evolution (49)	2011	438-448
58	※	Torihata, A.; <u>Kuroda, C.</u>	Reaction of Amphipathic-Type Thioester and Amine with Hydrophobic Effect in Water (DOI: 10.1055/s-0030-1261165)	Synlett	2011	2035-2038
59	※	Hasegawa, Y.; Gong, X.; <u>Kuroda, C.</u>	Chemical Diversity of Iridal-Type Triterpenes in <i>Iris delavayi</i> Collected in Yunnan Province of China	Natural Product Commun. (6)	2011	789-792
60	※	Saito, Y.; Takiguchi, K.; Gong, X.; <u>Kuroda, C.</u> ; Tori, M.	Thiophene, Furans, and Related Aromatic Compounds from <i>Eupatorium heterophyllum</i>	Natural Product Commun. (6)	2011	361-366

61	※	Wang, J.-F.; Pan, Y.-Z.; Gong, X.; Chiang, Y.-C.; <u>Kuroda, C.</u>	Chloroplast DNA variation and phylogeography of <i>Ligularia tongolensis</i> (Asteraceae), a species endemic to the Hengduan Mountains region of China (DOI: 10.1111/j.1759-6831.2011.00117.x)	J. Systematics and Evolution (49)	2011	108-119
62	※	Saito, Y.; Hattori, M.; Iwamoto, Y.; Takashima, Y.; Mihara, K.; Sasaki, Y.; Fujiwara, M.; Sakaoku, M.; Shimizu, A.; Chao, X.; <u>Kuroda, C.</u> ; Gong, X.; Hanai, R.; Tori, M.	Overlapping chemical and genetic diversity in <i>Ligularia lamarum</i> and <i>Ligularia subspicata</i> . Isolation of ten new eremophilanes and a new seco-bakkane compound (DOI: 10.1016/j.tet.2011.01.082)	Tetrahedron (67)	2011	2220-2231
63	※	Ohsaki, A.; Kawamata, S.; Ozawa, M.; Kishida, A.; Gong, X.; <u>Kuroda, C.</u>	Salviskinone A, a diterpene with a new skeleton from <i>Salvia przewalskii</i> (DOI: 10.1016/j.tetlet.2011.01.080)	Tetrahedron Letters (52)	2011	1375-1377
64	※	Hirata, T.; <u>Yamanaka, M.</u>	DFT Study of Chiral Phosphoric Acid Catalyzed Enantioselective Friedel-Crafts Reaction of Indole with Nitroalkene: Bifunctionality and Substituent Effect of Phosphoric Acid (DOI: 10.1002/asia.201000596)	Chem. Asian. J. (6)	2011	510-516
65	※	<u>Ikezawa, Y.</u> ; Atobe, K.	In situ FTIR Spectra at the Pt Electrode / γ -Butyrolactone Solution Interface (DOI: 10.1016/j.electacta.2011.05.114)	Electrochim. Acta (56)	2011	7078-7083
66	※	<u>Oyama, H. T.</u> ; Sekikawa, M.; <u>Ikezawa, Y.</u>	Influence of the polymer / inorganic filler interface on the mechanical, thermal, and flame retardant properties of polypropylene / magnesium hydroxide composites (DOI: 10.1080/00222341003780996)	J. Macromol. Sci. (50)	2011	463-483
67	※	Wada, Y.; <u>Matsushita, N.</u> ; Ohashi, N.	Excitation Photon Energy Dependence of the Relaxation Processes of the Photoexcited States in a Quasi-One-Dimensional Halogen Bridged Pt Complex (DOI: 10.1016/j.phpro.2011.02.016)	Physics Procedia (13)	2011	66-69

68	※	<u>Morimoto, M.</u> ; Murata, K.; Michinobu, T.	Photochemical control of a highly efficient addition reaction between electron-rich alkynes and tetracyanoethylene (DOI: 10.1039/c1cc13476k)	Chem. Commun. (47)	2011	9819-9821
69	※	Uyama, A.; Yamazoe, S.; Shigematsu, S.; <u>Morimoto, M.</u> ; Yokojima, S.; Mayama, H.; Kojima, Y.; Nakamura, S.; Uchida, K.	Reversible photocontrol of surface wettability between hydrophilic and superhydrophobic surfaces on an asymmetric diarylthene solid surface (DOI: 10.1021/la2006524)	Langmuir (27)	2011	6395-6400
70	※	Ozawa, K.; Munakata, S.; <u>Edamoto, K.</u> ; Mase, K.	Electron Donor Molecule on the Oxide Surface: Influence of Surface Termination of ZnO on Adsorption of Tetrathiafulvalene (DOI: 10.1021/jp207769x)	J. Phys. Chem. C (115)	2011	21843-21851
71	※	<u>Horn, E.</u> ; Horikawa, H.; Urushiyama, A.; Miyamoto, K.	Crystal structure of bis[(tetracarbonyl)(μ -arsenodiphenyl)manganese(I)], $Mn_2(CO)_8(AsPh_2)_2$ (DOI: 10.1524/ncrs.2011.0019)	Z. Kristallogr. - New Cryst. Struct.(226)	2011	37-39
72	※	<u>Wada, T.</u> ; Muckerman, J. T.; Fujita, E.; Tanaka, K.	Substituents dependent capability of bis(ruthenium-dioxolene-terpyridine) complexes toward water oxidation (DOI: 10.1039/c0dt00977f)	Dalton Trans. (40)	2011	2225-2233
73	※	Ozawa, H.; Hino, T.; Ohtsu, H.; <u>Wada, T.</u> ; Tanaka, K.	A new type of electrochemical oxidation of alcohols mediated with a ruthenium-dioxolene-amine complex in neutral water (DOI:10.1016/j.ica.2010.11.013)	Inorg. Chim. Acta (366)	2011	298-302
74	※	<u>Oyama, H. T.</u> ; Matsushita, M.; Furuta, M.	High performance reactive blends composed of poly(p-phenylene sulfide) and ethylene copolymers (DOI: 10.1038/pj.2011.106)	Polym. J. (43)	2011	991-999
75	※	Yoda, S.; Sato, K.; <u>Oyama, H. T.</u>	Impregnation of paclitaxel into poly (DL-lactic acid) using high pressure mixture of ethanol and carbon dioxide (DOI: 10.1039/c1ra00070e)	RSC Adv. (1)	2011	156-162
76	※	<u>Oyama, H. T.</u> ; Tanaka, Y.; Hirai, S.; Shida, S.; Kadosaka, A	Water-disintegrative and biodegradable blends containing poly(L-lactic acid) and poly(butylene adipate-co-terephthalate) (DOI: 10.1002/polb.22193)	J. Polym. Sci., Polym. Phys. Ed. (49)	2011	342-354

77	※	<u>Oyama, H. T.</u> ; Sekikawa, M.; Ikezawa, Y.	Influence of the polymer / inorganic filler interface on the mechanical, thermal, and flame retardant properties of polypropylene / magnesium hydroxide composites (DOI: 10.1080/00222341003780996)	J. Macromol. Sci., Part B Physics (50)	2011	463-483
78	※	Sato, M.; <u>Yamataka, H.</u> ; Komeiji, Y.; <u>Mochizuki, Y.</u> ; Nakano, T	Does Amination of Formaldehyde Proceeds through Zwitterionic Intermediate in Water? FMO-MD Simulations by Using Constraint Dynamics (DOI: 10.1002/chem.201000442)	Chem. Eur. J. (16)	2010	6430-6433
79	※	Katori, T.; Itoh, S.; Sato, M.; <u>Yamataka, H.</u>	Reaction Pathways and Possible Path Bifurcation for the Schmidt Reaction (DOI: 10.1021/ja908899u)	J. Am. Chem. Soc. (132)	2010	3413-3422
80	※	<u>Yamataka, H.</u> ; Sato, M.; Hasegawa, H.; Ammal, S. C	Dynamic Path Bifurcation for the Beckmann Reaction: Observation and Implication (DOI: 10.1039/b906159b, 10.1039/b921490a)	Faraday Discuss. (145)	2010	27-340; 381-409
81	※	Itoh, S.; <u>Yamataka, H.</u>	Reaction Pathway of Aliphatic Pinacol-type Rearrangement Reexamined (DOI: 10.1002/poc.1664)	J. Phys. Org. Chem. (23)	2010	789-795
82	※	<u>Mochizuki, Y.</u> ; Yamashita, K.; Fukuzawa, K.; Takematsu, K.; Watanabe, H.; Taguchi, N.; Okiyama, Y.; Tsuboi, M.; Nakano, T.; Tanaka, S.	Large-scale FMO-MP3 calculations on the surface proteins of influenza virus, hemagglutinin (HA) and neuraminidase (NA) (DOI: 10.1016/j.cplett.2010.05.034)	Chem. Phys. Lett. (493)	2010	346-352
83	※	Fujiwara, T.; Mori, H.; <u>Mochizuki, Y.</u> ; Tatewaki, H.; Miyoshi, E.	Theoretical study of hydration models of trivalent rare-earth ions using model core potentials (DOI: 10.1016/j.theochem.2010.02.032)	J. Mole. Struct. (Theochem) (949)	2010	28-35
84	※	Okiyama, Y.; Nakano, T.; Yamashita, K.; <u>Mochizuki, Y.</u> ; Taguchi, N.; Tanaka, S.	Acceleration of fragment molecular orbital calculations with Cholesky decomposition approach (DOI: 10.1016/j.cplett.2010.03.001)	Chem. Phys. Lett. (490)	2010	84-89
85	※	Fujiwara, T.; <u>Mochizuki, Y.</u> ; Komeiji, Y.; Okiyama, Y.; Mori, H.; Nakano, T.; Miyoshi, E.	Fragment molecular orbital-based molecular dynamics (FMO-MD) simulations on hydrated Zn(II) ion (DOI: 10.1016/j.cplett.2010.03.020)	Chem. Phys. Lett. (490)	2010	41-45

86	※	Komeiji, Y.; <u>Mochizuki, Y.</u> ; Nakano, T.	Three-body expansion and generalized dynamic fragmentation improve the fragment molecular orbital-based molecular dynamics (FMO-MD) (DOI: 10.1016/j.cplett.2009.11.045)	Chem. Phys. Lett. (484)	2010	380-386
87	※	<u>Morimoto, M.</u> ; <u>Irie, M.</u>	A Diarylethene Cocystal that Converts Light into Mechanical Work (DOI: 10.1021/ja105356w)	J. Am. Chem. Soc. (132)	2010	14172- 14178
88	※	<u>Irie, M.</u>	Photochromism of diarylethene molecules and crystals (DOI: 10.2183/pjab.86.472)	Proc. Jpn. Acad., Ser. B (86)	2010	472-483
89	※	<u>Irie, M.</u>	Photochromism of diarylethene single molecules and single crystals (DOI: 10.1039/c0pp00251h)	Photochem. Photobiol. Sci. (9)	2010	1535- 1542
90	※	Tsujioka, T.; <u>Irie, M.</u>	Electrical functions of photochromic molecules (DOI: 10.1016/j.jphotochemrev. 2010.02.001)	J. Photochem. Photobiol. C: Photochemistry Reviews (11)	2010	1-14
91	※	Ohara, H.; <u>Morimoto, M.</u> ; <u>Irie, M.</u>	Photochromism of dithienylethene single crystals having anthracene (DOI: 10.1039/c0pp00083c)	Photochem. Photobiol. Sci. (9)	2010	1079- 1081
92	※	Kuroki, L.; Takami, S.; Yoza, K.; <u>Morimoto, M.</u> ; <u>Irie, M.</u>	Photoinduced shape change of diarylethene single crystals: correlation between shape changes and molecular packing (DOI: 10.1039/b9pp00093c)	Photochem. Photobiol. Sci. (9)	2010	221-225
93	※	Fukaminato, T.; Tanaka, M.; Doi, T.; Tamaoki, N.; Katayama, T.; Mallick, A.; Ishibashi, Y.; Miyasaka, H.; <u>Irie, M.</u>	Fluorescence photoswitching of a diarylethene-perylenebisimide dyad based on intramolecular electron transfer (DOI: 10.1039/b9pp00131j)	Photochem. Photobiol. Sci. (9)	2010	181-187
94	※	Yamaguchi, T.; Nanba, K.; Ozeki, T.; Irie, S.; <u>Irie, M.</u>	Morphology change of diarylethene derivatives having benzofuran derivatives-Photoinduced crystallization (DOI: 10.1016/j.jphotochem.2010.05.013)	J. Photochem. Photobiol. A: Chemistry (213)	2010	141-146

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96	※	Torihata, A.; <u>Kuroda, C.</u>	Hydrophobic Effect and Substrate Specificity in Reaction of Thioester and Amine in Water (DOI: 10.1246/bcsj.20100143)	Bulletin of the Chemical Society of Japan (83)	2010	1534- 1538
97	※	Okamoto, Y.; Saito, Y.; <u>Kuroda, C.</u> ; Hanai, R.; Gong, X.; Tori, M.	Direct MS measurement of the extract of <i>Ligularia virgaurea</i> collected in Yunnan and Sichuan provinces of China (DOI: 10.1002/pca.1219)	Phytochemical Analysis (21)	2010	513-523
98	※	Nagano, H.; Kanda, M.; Yamada, H.; Hanai, R.; Gong, X.; <u>Kuroda, C.</u>	Chemical and genetic study of <i>Ligularia anoleuca</i> and <i>L.</i> <i>veitchiana</i> in Yunnan and Sichuan Provinces of China	Helvetica Chimica Acta (93)	2010	1945- 1952
99	※	Ozawa, M.; Kawamata, S.; Etoh, T.; Hayashi, M.; Komiyama, K.; Kishida, A.; <u>Kuroda, C.</u> ; Ohsaki, A.	Structures of New Erythrinan Alkaloids and Nitric Oxide Production Inhibitors from <i>Erythrina crista-gelli</i>	Chemical and Pharmaceutica l Bulletin (58)	2010	1119- 1122
100	※	Nagano, H.; Matsushima, M.; Yamada, H.; Hanai, R.; Gong, X.; <u>Kuroda, C.</u>	Two New Furanoeremophilane Sesquiterpenoids from <i>Ligularia</i> <i>oligonema</i>	Natural Product Commun.(5)	2010	1-4
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102	※	Miyamoto, K.; Yajima, T.; <u>Horn, E.</u> ; Fukuda, Y.	Crystal structure of ethanolato-dibenzoylmethanato-(R, R-dibenzoylstilbenediamine)-nitrate nickel(II), $\text{Ni}(\text{C}_2\text{H}_5\text{OH})(\text{C}_{15}\text{H}_{11}\text{O}_2)(\text{C}_{28}\text{H}_{26}\text{N}_2)$ (NO_3) (DOI: 10.1524/ncrs.2010.0070)	Z. Kristallogr. - New Cryst. Struct.(255)	2010	161-163
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107	※	Sato, M.; Kitamura, Y.; Yoshimura, N.; <u>Yamataka, H.</u>	Proton Transfer Reactions of Nitroalkanes: The Role of <i>Ac</i> i-Nitro Species (DOI: 10.1021/jo8023939)	J. Org. Chem. (74)	2009	1267- 1274
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109	※	Ren, Y.; <u>Yamataka, H.</u>	Does α -Effect exist in E2 Reactions? A G2(+) Investigation (DOI: 10.1002/jcc.21025)	J. Comput. Chem. (30)	2009	358-365
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113	※	<u>Mochizuki, Y.</u>	Application of Dyson-corrected second-order perturbation theories (DOI: 10.1016/j.cplett.2009.02.075)	Chem. Phys. Lett. (472)	2009	143-148
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117	※	<u>Morimoto, M.</u> ; Miyasaka, H.; Yamashita, M.; <u>Irie, M.</u>	Coordination Assemblies of [Mn4] Single-Molecule Magnets Linked by Photochromic Ligands: Photochemical Control of the Magnetic Properties (DOI: 10.1021/ja903366d)	J. Am. Chem. Soc. (131)	2009	9823-9835
118	※	<u>Irie, M.</u> ; <u>Morimoto, M.</u>	Photochromic diarylethene molecules and crystals (DOI: 10.1351/PAC-CON-08-09-26)	Pure Appl. Chem. (81)	2009	1655-1665
119	※	Fukaminato, T.; Doi, T.; Tanaka, M.; <u>Irie, M.</u>	Photocyclization Reaction of Diarylethene-Perylenebisimide Dyads upon Irradiation with Visible(>500 nm) Light (10.1021/jp902880d)	J. Phys. Chem. C (113)	2009	11623-11627

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121	※	Saitoh, M.; Fukaminato, T.; <u>Irie, M.</u>	Photochromism of a diarylethene derivative in aqueous solution capping with a water-soluble nano-cavitand (DOI: 10.1016/j.jphotochem.2009.03/010)	J. Photochem. Photobiol. A: Chemistry (207)	2009	28-31
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127	※	<u>Morimoto, M.</u> ; <u>Irie, M.</u>	Photochromism of diarylethene derivatives having cyclohexyl and cyclohexenyl groups in single-component crystals and a two-component mixed crystal (DOI: 10.1016/j.tetlet.2009.02.139)	Tetrahedron Lett. (50)	2009	3404- 3407

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