

Kan Wakamatsu

List of Publications by Year in descending order

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26
papers

368
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759233

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docs citations

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times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-Saturn: Experimental Evidence of Complex Formation of an Anthracene Cyclic Ring with C_{60} . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8199-8202.	13.8	64
2	Visible Light and Hydroxynaphthylbenzimidazoline Promoted Transition-Metal-Catalyst-Free Desulfonation of <i>N</i> -Sulfonylamides and <i>N</i> -Sulfonylamines. <i>Journal of Organic Chemistry</i> , 2018, 83, 10813-10825.	3.2	38
3	Macrocyclic 2,7-Anthrylene Oligomers. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1370-1375.	3.3	26
4	Construction of Helical Structures with Multiple Fused Anthracenes: Structures and Properties of Long Expanded Helicenes. <i>Chemistry - A European Journal</i> , 2021, 27, 4548-4552.	3.3	22
5	One-Shot Double Amination of Sondheimer-Wong Dienes: Synthesis of Photoluminescent Dinaphthopentalenes. <i>Organic Letters</i> , 2015, 17, 3014-3017.	4.6	21
6	Strained and Fluxional Macrocyclic Framework of Anthracene-Diacetylene Cyclic Pentamers. <i>Chemistry Letters</i> , 2013, 42, 559-561.	1.3	18
7	Chemistry of Anthracene-Acetylene Oligomers. XXIV. Theoretical Evaluation of Molecular Strain and Interactions in Anthracene-Acetylene Cyclic Oligomers by Homodesmotic Reaction Method. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 283-291.	3.2	18
8	Nano-Saturn with an Ellipsoidal Body: Anthracene Macrocyclic Ring-C ₇₀ Complex. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1721-1728.	3.2	17
9	Cramping an Alkyl Group by Rigid Macrocyclic Framework. <i>Chemistry Letters</i> , 2015, 44, 978-980.	1.3	14
10	Triple and Quadruple Triptycene Gears in Rigid Macrocyclic Frameworks. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5696-5707.	2.4	14
11	Sterically Regulated β -Oxygenation of β -Bromocarbonyl Compounds Promoted Using 2-Aryl-1,3-dimethylbenzimidazolines and Air. <i>ACS Omega</i> , 2020, 5, 7651-7665.	3.5	14
12	Dual Emission and Mechanofluorochromism of a V-Shaped π -System Composed of Disulfonyl-Substituted Dibenzocyclooctatetraenes. <i>Organic Letters</i> , 2016, 18, 3988-3991.	4.6	13
13	Syntheses of Diarylethenes by Perylene-catalyzed Photodesulfonation from Ethenyl Sulfones. <i>Chemistry Letters</i> , 2020, 49, 409-412.	1.3	13
14	Competitive Desulfonylative Reduction and Oxidation of β -Sulfonylketones Promoted by Photoinduced Electron Transfer with 2-Hydroxyaryl-1,3-dimethylbenzimidazolines under Air. <i>Journal of Organic Chemistry</i> , 2021, 86, 2556-2569.	3.2	11
15	Tolanophane Revisited - Resolution and Racemization Mechanism of a Twisted Chiral Aromatic Compound. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5679-5684.	2.4	10
16	Remarkable electron-withdrawing effect of the $Ph_2P(O)$ -ethynyl group: $Ph_2P(O)$ -ethynyl-substituted aryl halides and copper acetylides for tailor-made Sonogashira couplings. <i>Organic Chemistry Frontiers</i> , 2015, 2, 248-252.	4.5	10
17	Complexation of an Anthracene-Triptycene Nanocage Host with Fullerene Guests through CH $\cdots\pi$ Contacts. <i>ChemPlusChem</i> , 2021, 86, 716-722.	2.8	8
18	Custom-Made Pyrene Photocatalyst-Promoted Desulfonation of Arylethenyl Sulfones Using Green-Light-Emitting Diodes. <i>Synthesis</i> , 2021, 53, 2984-2994.	2.3	8

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19	Nucleophilic Substitution in 16 π -Antiaromatic System: Synthesis of Heteroatom-substituted Dibenzopentalenes. <i>Chemistry Letters</i> , 2014, 43, 1548-1550.	1.3	7
20	An Enantiopure 5,5 $\alpha^2\alpha^6$ -Bitetracene. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7648-7651.	2.4	6
21	Theoretical Study for the Site Exchange Mechanism of Anionic 5-Coordinate Pt(II) Complexes with Halide, [PtX(hfac)2]- (X=Cl,Br,I, hfac=hexafluoroacetylacetonate).. <i>Journal of Computer Chemistry Japan</i> , 2002, 1, 97-102.	0.1	6
22	Theoretical Studies of Structures and Conformational Analysis of Anthracene-2,7-diyl Cyclic Oligomers. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 65-75.	3.2	4
23	Synthesis, Structures, and Properties of Helically Fused Anthraquinones with Unusually Close Carbonyl \cdots Carbonyl Contacts. <i>Chemistry - A European Journal</i> , 2021, , .	3.3	3
24	Structure and Photophysical Properties of 1,1,2,2 $\alpha^1\alpha^2$ -Tetra(1 α -anthryl)ethane: A C(sp ³) \cdots C(sp ³) Bond Substituted with Four Anthracene Units. <i>ChemPlusChem</i> , 2021, , .	2.8	2
25	Construction of Helical Structures with Multiple Fused Anthracenes: Structures and Properties of Long Expanded Helicenes. <i>Chemistry - A European Journal</i> , 2021, 27, 4477-4477.	3.3	1
26	[Paper] Syntheses and Physical Properties of Carbazole-Phthalonitrile-Hybridized Light-Emitting Materials. <i>ITE Transactions on Media Technology and Applications</i> , 2015, 3, 114-120.	0.5	0