

Keiichi Noguchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7579804/publications.pdf>

Version: 2024-02-01

252
papers

8,779
citations

38742

50
h-index

66911

78
g-index

332
all docs

332
docs citations

332
times ranked

6818
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium-Catalyzed Enantioselective Synthesis, Crystal Structures, and Photophysical Properties of Helically Chiral 1,1'-Bi-2-naphthyls. <i>Journal of the American Chemical Society</i> , 2012, 134, 4080-4083.	13.7	351
2	Molecular and Crystal Structure of Hydrated Chitosan. <i>Macromolecules</i> , 1997, 30, 5849-5855.	4.8	289
3	Enantioselective Synthesis of Axially Chiral Anilides through Rhodium-Catalyzed [2+2+2] Cycloaddition of 1,6-Diynes with Trimethylsilylynamides. <i>Journal of the American Chemical Society</i> , 2006, 128, 4586-4587.	13.7	213
4	Asymmetric Assembly of Aromatic Rings To Produce Tetra-ortho-Substituted Axially Chiral Biaryl Phosphorus Compounds. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3951-3954.	13.8	166
5	Crystal structure of the planar zigzag form of syndiotactic polypropylene. <i>Journal of Polymer Science, Part C: Polymer Letters</i> , 1990, 28, 393-398.	0.7	158
6	Enantioselective Synthesis of Axially Chiral Phthalides through Cationic [Rh(H8-binap)]-Catalyzed Cross Alkyne Cyclotrimerization. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6510-6512.	13.8	157
7	Entropy-Controlled Catalytic Asymmetric 1,4-Type Friedel-Crafts Reaction of Phenols Using Conformationally Flexible Guanidine/Bisthiourea Organocatalyst. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7299-7303.	13.8	146
8	Rh-Catalyzed Synthesis of Helically Chiral and Ladder-Type Molecules via [2 + 2 + 2] and Formal [2 + 1 + 2 + 1] Cycloadditions Involving C≡C Triple Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2007, 129, 12078-12079.	13.7	141
9	One-Step Construction of Five Successive Rings by Rhodium-Catalyzed Intermolecular Double [2+2+2] Cycloaddition: Enantioenriched [9]Helicene-Like Molecules. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5470-5473.	13.8	133
10	Rhodium-Catalyzed Chemo-, Regio-, and Enantioselective [2 + 2 + 2] Cycloaddition of Alkynes with Isocyanates. <i>Organic Letters</i> , 2005, 7, 4737-4739.	4.6	125
11	Strain-induced crystal modification in poly(tetramethylene succinate). <i>Polymer</i> , 1994, 35, 3338-3339.	3.8	122
12	Crystal structures of collagen model peptides with Pro-Hyp-Gly repeating sequence at 1.26 Å... resolution: Implications for proline ring puckering. <i>Biopolymers</i> , 2004, 76, 367-377.	2.4	104
13	Enantioselective Synthesis of P-stereogenic Alkynylphosphine Oxides by Rh-Catalyzed [2+2+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3410-3413.	13.8	104
14	Asymmetric Synthesis and Photophysical Properties of Benzopyrano- or Naphthopyrano-Fused Helical Phosphaphluorenes. <i>Organic Letters</i> , 2010, 12, 1324-1327.	4.6	103
15	Enantioselective Synthesis of C2-Symmetric Spirobipyridine Ligands through Cationic Rh(I)/Modified-BINAP-Catalyzed Double [2 + 2 + 2] Cycloaddition. <i>Organic Letters</i> , 2007, 9, 1295-1298.	4.6	97
16	Highly Regio-, Diastereo-, and Enantioselective [2+2+2] Cycloaddition of 1,6-Diynes with Electron-Deficient Ketones Catalyzed by a Cationic Rh ^I /H ⁸ -binap Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1312-1316.	13.8	95
17	Enantioselective Synthesis of Spirocyclic Benzopyranones by Rhodium-Catalyzed Intermolecular [4+2]-Annulation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5820-5822.	13.8	94
18	Enantioselective Synthesis of Tetra-ortho-Substituted Axially Chiral Biaryls through Rhodium-Catalyzed Double [2 + 2 + 2] Cycloaddition. <i>Organic Letters</i> , 2006, 8, 3489-3492.	4.6	86

#	ARTICLE	IF	CITATIONS
19	Convergent and Rapid Assembly of Substituted 2-Pyridones through Formation of <i>N</i> -Alkenyl Alkynylamides Followed by Gold-Catalyzed Cycloisomerization. <i>Organic Letters</i> , 2008, 10, 3563-3566.	4.6	86
20	Structural study of anhydrous tendon chitosan obtained via chitosan/acetic acid complex. <i>International Journal of Biological Macromolecules</i> , 1999, 26, 285-293.	7.5	85
21	A Novel Pseudo-Polyrotaxane Structure Composed of Cyclodextrins and a Straight-Chain Polymer: \hat{A} Crystal Structures of Inclusion Complexes of β -Cyclodextrin with Poly(trimethylene oxide) and Poly(propylene glycol). <i>Macromolecules</i> , 2000, 33, 1500-1502.	4.8	85
22	Rhodium-Catalyzed Asymmetric One-Pot Transesterification and [2 + 2 + 2] Cycloaddition Leading to Enantioenriched 3,3-Disubstituted Phthalides. <i>Organic Letters</i> , 2007, 9, 1307-1310.	4.6	85
23	Carbonyl Sulfide Hydrolase from <i>Thiobacillus thioparus</i> Strain THI115 Is One of the \hat{I}^2 -Carbonic Anhydrase Family Enzymes. <i>Journal of the American Chemical Society</i> , 2013, 135, 3818-3825.	13.7	82
24	Role of urea in alkaline dissolution of cellulose. <i>Cellulose</i> , 2013, 20, 97-103.	4.9	81
25	Enantioselective Synthesis of Axially Chiral Biaryls through Rhodium-Catalyzed Complete Intermolecular Cross-Cyclotrimerization of Internal Alkynes. <i>Organic Letters</i> , 2005, 7, 3119-3121.	4.6	80
26	Revision of collagen molecular structure. <i>Biopolymers</i> , 2006, 84, 181-191.	2.4	80
27	Enantioselective Synthesis of Planar-Chiral Metacyclophanes through Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Journal of the American Chemical Society</i> , 2007, 129, 1522-1523.	13.7	80
28	Cationic Rh(I)/Modified-BINAP-Catalyzed Reactions of Carbonyl Compounds with 1,6-Diynes Leading to Dienones and Ortho-Functionalized Aryl Ketones. <i>Organic Letters</i> , 2007, 9, 2203-2206.	4.6	78
29	Cationic Rhodium(I) Complex-Catalyzed [3 + 2] and [2 + 1] Cycloadditions of Propargyl Esters with Electron-Deficient Alkynes and Alkenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 7896-7898.	13.7	73
30	Packaging guest proteins into the encapsulin nanocompartment from <i>Rhodococcus erythropolis</i> N771. <i>Biotechnology and Bioengineering</i> , 2015, 112, 13-20.	3.3	73
31	One-Step Synthesis of Donor-Acceptor type Conjugated Polymers from Ferrocene-Containing Poly(aryleneethynylene)s. <i>Macromolecules</i> , 2009, 42, 5903-5905.	4.8	72
32	Palladium-Catalyzed Enantioselective Intramolecular Hydroarylation of Alkynes To Form Axially Chiral 4-Aryl 2-Quinolinones. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3963-3967.	13.8	70
33	Enantioselective Synthesis of [9]- and [11]Helicene-like Molecules: Double Intramolecular [2+2+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8480-8483.	13.8	69
34	Highly Enantioselective Synthesis of <i>N,N</i> -Dialkylbenzamides with Aryl-Carbonyl Axial Chirality by Rhodium-Catalyzed [2+2+2] Cycloaddition. <i>Chemistry - A European Journal</i> , 2008, 14, 6593-6596.	3.3	68
35	Rhodium-Catalyzed Intramolecular Cyclization of Naphthol- or Phenol-Linked 1,6-Enynes Through the Cleavage and Formation of sp^2 C=O Bonds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5976-5980.	13.8	68
36	Enantioselective Synthesis, Crystal Structure, and Photophysical Properties of a 1,1'-Bi(2-phenylene)-Based Sila[7]helicene. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1409-1414.	2.4	65

#	ARTICLE	IF	CITATIONS
37	Rhodium-Catalyzed [3+2+2] and [2+2+2] Cycloadditions of Two Alkynes with Cyclopropylideneacetamides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8241-8244.	13.8	64
38	Selective Functionalization of Styrenes with Oxygen Using Different Electrode Materials: Olefin Cleavage and Synthesis of Tetrahydrofuran Derivatives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 125-129.	13.8	64
39	Asymmetric Synthesis of Axially Chiral Biaryl Diphosphine Ligands by Rhodium-Catalyzed Enantioselective Intramolecular Double [2 + 2 + 2] Cycloaddition. <i>Organic Letters</i> , 2011, 13, 362-365.	4.6	63
40	Synthesis of Chiral Tetrasubstituted Alkenes by an Asymmetric Cascade Reaction Catalyzed Cooperatively by Cationic Rhodium(I) and Silver(I) Complexes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8129-8132.	13.8	61
41	Practical Enantioselective Synthesis of Axially Chiral Biaryl Diphosphonates and Dicarboxylates by Cationic Rhodium(I)/Segphos-Catalyzed Double [2 + 2 + 2] Cycloaddition. <i>Organic Letters</i> , 2008, 10, 2849-2852.	4.6	59
42	Enantioselective Synthesis of Planar-Chiral Carba-Paracyclophanes: Rhodium-Catalyzed [2+2+2] Cycloaddition of Cyclic Diynes with Terminal Monoynes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5617-5621.	13.8	59
43	Rhodium-Catalyzed Regio- and Enantioselective Intermolecular [4+2] Carbocyclization of 4-Alkynals with N,N-Dialkyl Acrylamides. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7260-7263.	13.8	57
44	Enantioselective Cycloisomerization of 1,6-Enynes to Bicyclo[3.1.0]hexanes Catalyzed by Rhodium and Benzoic Acid. <i>Journal of the American Chemical Society</i> , 2014, 136, 7627-7630.	13.7	57
45	The Source of "Fairy Rings": 2-Azahypoxanthine and its Metabolite Found in a Novel Purine Metabolic Pathway in Plants. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1552-1555.	13.8	56
46	Rhodium-Catalyzed Reactions of Dithiols and 1,4-Bis(bromomethyl)benzenes Leading To Enantioenriched Dithiaparacyclophanes. <i>Organic Letters</i> , 2007, 9, 4881-4884.	4.6	55
47	Rhodium-Catalyzed Olefin Isomerization/Enantioselective Intramolecular Alder-Ene Reaction Cascade. <i>Organic Letters</i> , 2011, 13, 4894-4897.	4.6	55
48	Rhodium-Catalyzed [2+2+2] Cycloaddition of 1,6-Diynes with Isothiocyanates and Carbon Disulfide. <i>Organic Letters</i> , 2006, 8, 907-909.	4.6	53
49	Helical twists of collagen model peptides. <i>Biopolymers</i> , 2006, 84, 421-432.	2.4	52
50	Rhodium-Catalyzed Enantioselective Cyclizations of β^3 -Alkynylaldehydes with Acyl Phosphonates: Ligand- and Substituent-Controlled C-H or C-P Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2011, 133, 6918-6921.	13.7	52
51	Enantioselective Construction of Bridged Multicyclic Skeletons: Intermolecular [2+2+2] Cycloaddition/Intramolecular Diels-Alder Reaction Cascade. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1664-1667.	13.8	52
52	Rhodium-Catalyzed Regio-, Diastereo-, and Enantioselective [2+2+2] Cycloaddition of 1,6-Enynes with Acrylamides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 13031-13035.	13.8	52
53	Structure and Molecular Dynamics Simulation of Archaeal Prefoldin: The Molecular Mechanism for Binding and Recognition of Nonnative Substrate Proteins. <i>Journal of Molecular Biology</i> , 2008, 376, 1130-1141.	4.2	51
54	High-resolution structures of collagen-like peptides [(Pro-Gly) ₄ -Xaa-Gly-(Pro-Gly) ₄]: Implications for triple helix hydration and Hyp(X) puckering. <i>Biopolymers</i> , 2009, 91, 361-372.		51

#	ARTICLE	IF	CITATIONS
55	Crystal Transition Mechanisms in Poly(tetramethylene succinate). <i>Polymer Journal</i> , 1995, 27, 1230-1238.	2.7	50
56	Crystal Modification in Poly(ethylene succinate). <i>Polymer Journal</i> , 1995, 27, 1264-1266.	2.7	50
57	Structure and characterization of amidase from <i>Rhodococcus</i> sp. N-771: Insight into the molecular mechanism of substrate recognition. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 184-192.	2.3	50
58	Strophasterols...A to D with an Unprecedented Steroid Skeleton: From the Mushroom <i>Stropharia rugosoannulata</i> . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10820-10822.	13.8	50
59	Highly Enantioselective Construction of Axial Chirality by Palladium-Catalyzed Cycloisomerization of <i>N</i> -Alkenyl Arylethynylamides. <i>Organic Letters</i> , 2009, 11, 1805-1808.	4.6	49
60	Repetitive Interactions Observed in the Crystal Structure of a Collagen-Model Peptide, [(Pro-Pro-Gly) ₉] ₃ . <i>Journal of Biochemistry</i> , 2005, 138, 135-144.	1.7	48
61	Crystallization of amorphous poly(lactic acid) induced by organic solvents. <i>Journal of Applied Polymer Science</i> , 2011, 119, 2058-2064.	2.6	47
62	Molecular-Iodine-Catalyzed Cyclization of 2-Alkynylanilines via Iodocyclization-Protodeiodination Sequence. <i>Organic Letters</i> , 2017, 19, 6744-6747.	4.6	47
63	Highly Chemo-, Regio-, and Enantioselective Rhodium-Catalyzed Cross-Cyclotrimerization of Two Different Alkynes with Alkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2956-2959.	13.8	45
64	Significant correlation between refractive index and activity of mitochondria: single mitochondrion study. <i>Biomedical Optics Express</i> , 2015, 6, 859.	2.9	45
65	Catalytic [2 + 2 + 2] and Thermal [4 + 2] Cycloaddition of 1,2-Bis(arylpropioyl)benzenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 2243-2246.	3.2	44
66	Enantioselective Synthesis of Axially Chiral 1-Arylisoquinolines by Rhodium-Catalyzed [2+2+2] Cycloaddition. <i>Chemistry - A European Journal</i> , 2011, 17, 1428-1432.	3.3	44
67	Relationship between structural coherence and intrinsic carrier transport in an isolated poly(3-hexylthiophene) nanofiber. <i>Physical Review B</i> , 2011, 83, .	3.2	44
68	Refined molecular and crystal structure of silk I based on Ala-Gly and (Ala-Gly) ₂ Ser-Gly peptide sequence. <i>Biopolymers</i> , 2001, 59, 310-319.	2.4	43
69	Rhodium-Catalyzed Highly Enantio- and Diastereoselective Cotrimerization of Alkenes and Dialkyl Acetylenedicarboxylates Leading to Furylcyclopropanes. <i>Organic Letters</i> , 2008, 10, 2825-2828.	4.6	42
70	Synthesis of Triphenylene Derivatives by Rhodium-Catalyzed [2 + 2 + 2] Cycloaddition: Application to the Synthesis of Highly Fluorescent Triphenylene-Based Long Ladder Molecules. <i>Journal of Organic Chemistry</i> , 2013, 78, 6202-6210.	3.2	41
71	Rhodium-Catalyzed Cycloisomerization of 2-Silylethynyl Phenols and Anilines via 1,2-Silicon Migration. <i>Organic Letters</i> , 2016, 18, 1654-1657.	4.6	41
72	Linking Conformational Flexibility and Kinetics: Catalytic 1,4-Type Friedel-Crafts Reactions of Phenols Utilizing 1,3-Diamine-Tethered Guanidine/Bisthiourea Organocatalysts. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2463-2470.	3.3	39

#	ARTICLE	IF	CITATIONS
73	Metal-Free [2+2+1] Annulation of Alkynes, Nitriles and Nitrogen Atoms from Iminoiodanes for Synthesis of Highly Substituted Imidazoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 667-671.	4.3	38
74	Circularly Polarized Luminescence from Chiral Spiro Molecules: Synthesis and Optical Properties of 10,10- ϵ^2 -Spirobi(indeno[1,2- <i>b</i>][1]benzothiophene) Derivatives. <i>Organic Letters</i> , 2017, 19, 5082-5085.	4.6	38
75	1,8-Dibenzoyl-2,7-dimethoxynaphthalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o807-o807.	0.2	37
76	Two different molecular conformations found in chitosan type II salts. <i>Carbohydrate Research</i> , 2003, 338, 1229-1233.	2.3	35
77	Molecular and crystal structures of chitosan/HI type I salt determined by X-ray fiber diffraction. <i>Carbohydrate Research</i> , 2004, 339, 825-833.	2.3	35
78	Molecular and crystal structure of poly(tetramethylene adipate) $\hat{I}\pm$ form based on synchrotron X-ray fiber diffraction. <i>Polymer</i> , 2005, 46, 10823-10830.	3.8	35
79	Molecular Properties of 2-Pyrone-4,6-dicarboxylic Acid (PDC) as a Stable Metabolic Intermediate of Lignin Isolated by Fractional Precipitation with Na ⁺ Ion. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 2436-2442.	3.2	35
80	Rhodium-catalyzed enantio- and diastereoselective intramolecular [2 + 2 + 2] cycloaddition of unsymmetrical dienyne. <i>Chemical Communications</i> , 2008, , 3804.	4.1	35
81	Rhodium-Catalyzed Asymmetric Reductive Cyclization of Heteroatom-Linked 5-Alkynals with Heteroatom-Substituted Acetaldehydes. <i>Journal of the American Chemical Society</i> , 2010, 132, 1238-1239.	13.7	35
82	Single helical structure of curdlan triacetate. <i>Biopolymers</i> , 1996, 38, 557-566.	2.4	34
83	Enantioselective Synthesis of Axially Chiral Hydroxy Carboxylic Acid Derivatives by Rhodium-Catalyzed [2 + 2 + 2] Cycloaddition. <i>Journal of Organic Chemistry</i> , 2011, 76, 1926-1929.	3.2	34
84	Asymmetric Dearomatization of 1-Aminonaphthalene Derivatives by Gold-Catalyzed Intramolecular Double C=C Bond Formation. <i>Organic Letters</i> , 2015, 17, 676-679.	4.6	34
85	Rhodium-Catalyzed Asymmetric [2+2+2] Cyclization of 1,6-Enynes and Aldehydes. <i>Chemistry - A European Journal</i> , 2011, 17, 12578-12581.	3.3	33
86	Enantioselective synthesis of $\hat{I}\pm$, $\hat{I}\pm$ -disubstituted $\hat{I}\pm$ -amino acids by Rh-catalyzed [2+2+2] cycloaddition of 1,6-diyne with protected dehydroamino acid. <i>Tetrahedron</i> , 2008, 64, 6289-6293.	1.9	32
87	Isolation of Bioactive Steroids from the <i>Stropharia rugosoannulata</i> Mushroom and Absolute Configuration of Strophasterol B. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1779-1781.	1.3	32
88	Average Crystal Structure of (Pro-Pro-Gly) ₉ at 1.0Å... Resolution. <i>Polymer Journal</i> , 2001, 33, 812.	2.7	32
89	Crystal structure of methyl-3-O- \hat{I}^2 -d-glucopyranosyl- \hat{I}^2 -d-glucopyranoside (methyl \hat{I}^2 -d-laminarabioside) monohydrate. <i>Carbohydrate Research</i> , 1992, 237, 33-43.	2.3	31
90	Crystal structure of an extensively simplified variant of bovine pancreatic trypsin inhibitor in which over one-third of the residues are alanines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15334-15339.	7.1	31

#	ARTICLE	IF	CITATIONS
91	Rhodium-Catalyzed Asymmetric Formal Olefination or Cycloaddition: 1,3-Dicarbonyl Compounds Reacting with 1,6-Diynes or 1,6-Enynes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4475-4479.	13.8	31
92	Rhodium(III)-Catalyzed Tandem [2+2+2] Annulation-Lactamization of Anilides with Two Alkynoates via Cleavage of Two Adjacent C-H or C-H/C-O bonds. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2260-2264.	3.3	31
93	Synthesis of Polyether Cyclophanes through Rhodium-Catalyzed Cross-Alkyne Cyclotrimerization. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3575-3581.	2.4	30
94	Highly Diastereoselective Addition of Allyltitanocenes to Ketones. <i>Chemistry - A European Journal</i> , 2009, 15, 2680-2686.	3.3	30
95	Properties and Crystal Structure of Methylenetetrahydrofolate Reductase from <i>Thermus thermophilus</i> HB8. <i>PLoS ONE</i> , 2011, 6, e23716.	2.5	30
96	Stereoselective synthesis of alixine stereoisomers from (S)-pyroglutamic acid. <i>Tetrahedron</i> , 1998, 54, 8985-8998.	1.9	29
97	Unique side chain conformation of a leu residue in a triple-helical structure. <i>Biopolymers</i> , 2007, 86, 212-221.	2.4	29
98	Liquid Crystalline Features in a Polyolefin of Poly(methylene-1,3-cyclopentane). <i>Macromolecules</i> , 2008, 41, 7448-7452.	4.8	29
99	[1]Benzothiophene-Fused Chiral Spiro Polycyclic Aromatic Compounds: Optical Resolution, Functionalization, and Optical Properties. <i>Journal of Organic Chemistry</i> , 2018, 83, 15057-15065.	3.2	28
100	Polar and Low Viscosity Ionic Liquid Mixtures from Amino Acids. <i>Chemistry Letters</i> , 2008, 37, 1026-1027.	1.3	27
101	Rhodium-Catalyzed Cascade Reactions of Dienynes Leading to Substituted Dihydronaphthalenes and Naphthalenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6722-6727.	13.8	27
102	Dearomatization of Fused Arenes Using Platinum-Catalyzed Intramolecular Formation of Two C-C Bonds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6219-6222.	13.8	27
103	Kinetic and structural studies on roles of the serine ligand and a strictly conserved tyrosine residue in nitrile hydratase. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 655-665.	2.6	26
104	Effects of click postfunctionalization on thermal stability and field effect transistor performances of aromatic polyamines. <i>Polymer Chemistry</i> , 2012, 3, 1427.	3.9	26
105	Crystal Structures of the Lumazine Protein from <i>Photobacterium kishitanii</i> in Complexes with the Authentic Chromophore, 6,7-Dimethyl-8-(1 ² -Ribityl) Lumazine, and Its Analogues, Riboflavin and Flavin Mononucleotide, at High Resolution. <i>Journal of Bacteriology</i> , 2010, 192, 127-133.	2.2	24
106	Crystal structure of 1-deoxy-d-xylulose 5-phosphate reductoisomerase from the hyperthermophile <i>Thermotoga maritima</i> for insights into the coordination of conformational changes and an inhibitor binding. <i>Journal of Structural Biology</i> , 2010, 170, 532-539.	2.8	24
107	Osteoclast-forming suppressing compounds, gargarols A, B, and C, from the edible mushroom <i>Grifola gargar</i> . <i>Tetrahedron</i> , 2011, 67, 6576-6581.	1.9	24
108	Enantioselective Synthesis and Epimerization Behavior of a Chiral S-Shaped [11]Helicene-Like Molecule Having Collision between Terminal Benzene Rings. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1390-1396.	2.4	24

#	ARTICLE	IF	CITATIONS
109	Molecular and Crystal Structures of Dodecyltrimethylammonium Bromide and its Complex with <i>p</i> -Phenylphenol. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 300, 31-43.	0.3	23
110	winlals for a linked-atom least-square refinement program for helical polymers on windows PCs. <i>Computational Biology and Chemistry</i> , 2003, 27, 265-285.	2.3	23
111	Plausible molecular and crystal structures of chitosan/HI type II salt. <i>Carbohydrate Research</i> , 2004, 339, 835-843.	2.3	23
112	Rhodium-Catalyzed [3+2+2] and [2+2+2] Cycloadditions of Two Alkynes with Cyclopropylideneacetamides. <i>Angewandte Chemie</i> , 2015, 127, 8359-8362.	2.0	23
113	Gold-Catalyzed Domino Synthesis of Functionalized Benzofurans and Tetracyclic Isochromans via Formal Carboalkoxylation. <i>Organic Letters</i> , 2016, 18, 4136-4139.	4.6	23
114	Rhodium-Catalyzed Asymmetric [2 + 2 + 2] Cycloaddition of 1,6-Enynes with Cyclopropylideneacetamides. <i>Organic Letters</i> , 2016, 18, 388-391.	4.6	23
115	Expression and characterization of the Plasmodium translocon of the exported proteins component EXP2. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 700-705.	2.1	23
116	1-(4-Chlorobenzoyl)-2,7-dimethoxynaphthalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1278-o1278.	0.2	23
117	Thermodynamic and structural analysis of highly stabilized BPTIs by single and double mutations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 77, 962-970.	2.6	22
118	Analysis and Control of Protein Crystallization Using Short Peptide Tags That Change Solubility without Affecting Structure, Thermal Stability, and Function. <i>Crystal Growth and Design</i> , 2015, 15, 2703-2711.	3.0	22
119	Novel <i>N</i> -Methylated 8-Oxoisoguanines from Pacific Sponges with Diverse Neuroactivities. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6089-6099.	6.4	21
120	Three-Dimensional Structures of OSW-1 and Its Congener. <i>Organic Letters</i> , 2010, 12, 5732-5735.	4.6	21
121	Rhodium-Catalyzed One-Pot Intermolecular [2 + 2 + 2] Trimerization/Asymmetric Intramolecular [4 + 2] Cycloaddition of Two Aryl Ethynyl Ethers and 5-Alkynals. <i>Organic Letters</i> , 2012, 14, 5856-5859.	4.6	21
122	High resolution crystal structure of dengue envelope protein domain III suggests possible molecular mechanisms for serospecific antibody recognition. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1090-1095.	2.6	21
123	(2,7-Dimethoxynaphthalene-1,8-diyl)bis(4-fluorobenzoyl)dimethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o329-o329.	0.2	21
124	Time-Resolved Crystallography of the Reaction Intermediate of Nitrile Hydratase: Revealing a Role for the Cysteinesulfenic Acid Ligand as a Catalytic Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10763-10767.	13.8	20
125	Cationic Rhodium(I) Complex-Catalyzed Cotrimerization of Propargyl Esters and Arylacetylenes Leading to Substituted Dihydropentalenes. <i>Organic Letters</i> , 2010, 12, 5596-5599.	4.6	19
126	Total Synthesis of Rishirilide...B by Organocatalytic Oxidative Kinetic Resolution: Revision of Absolute Configuration of (+)-Rishirilide...B. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6609-6612.	13.8	19

#	ARTICLE	IF	CITATIONS
127	(4-Chlorophenyl)(2-hydroxy-7-methoxynaphthalen-1-yl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2497-o2497.	0.2	19
128	Unexpected Puckering of Hydroxyproline in the Guest Triplets, Hyp-Pro-Gly and Pro-alloHyp-Gly Sandwiched between Pro-Pro-Gly Sequence. ChemBioChem, 2005, 6, 1184-1187.	2.6	18
129	Crystallization of Amorphous Poly(Lactic Acid) Induced by Vapor of Acetone to Form High Crystallinity and Transparency Specimen. Open Journal of Polymer Chemistry, 2013, 03, 29-33.	3.3	18
130	Asymmetric Synthesis of C_2 -Symmetric Axially Chiral Biaryls through Rhodium-Catalyzed and Alkyne-Controlled Diastereoselective Double [2+2+2] Cycloaddition. European Journal of Organic Chemistry, 2013, 2013, 6774-6778.	2.4	17
131	Computational prediction and experimental characterization of a "size switch type repacking" during the evolution of dengue envelope protein domain III (ED3). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 585-592.	2.3	17
132	Structure and spectroelectrochemical property of a ruthenium complex containing phenanthroline-quinone, and assembly of the complexes on a gold electrode. Inorganica Chimica Acta, 2006, 359, 807-814.	2.4	16
133	1,8-Bis(4-chlorobenzoyl)-2,7-dimethoxynaphthalene. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4120-o4120.	0.2	16
134	Thermodynamic Characterization of the Interaction between Prefoldin and Group II Chaperonin. Journal of Molecular Biology, 2010, 399, 628-636.	4.2	16
135	Successful PEGylation of hollow encapsulin nanoparticles from Rhodococcus erythropolis N771 without affecting their disassembly and reassembly properties. Biomaterials Science, 2017, 5, 1082-1089.	5.4	16
136	Communication: Relaxed 2/1-Helical Conformation of Type II Chitosan has a Tetrasaccharide Motif. Journal of Carbohydrate Chemistry, 2000, 19, 789-794.	1.1	15
137	An improved bioluminescence-based signaling assay for odor sensing with a yeast expressing a chimeric olfactory receptor. Biotechnology and Bioengineering, 2012, 109, 3143-3151.	3.3	15
138	An unusual sterol from the mushroom Stropharia rugosoannulata. Tetrahedron Letters, 2013, 54, 4900-4902.	1.4	15
139	Magnetic-field induced alignment of low molecular weight polyethylene. Polymer, 2013, 54, 784-790.	3.8	15
140	Macrocyclization by Rhodium-Catalyzed Cross-Cyclotrimerization of L-Shaped Diynes with Di-tert-butyl Acetylenedicarboxylate: Effect of Bent Linkers of Diynes. European Journal of Organic Chemistry, 2016, 2016, 4668-4673.	2.4	15
141	Synthesis of Pyrrole-Containing Chiral Spiro Molecules and Their Optical and Chiroptical Properties. Bulletin of the Chemical Society of Japan, 2019, 92, 1008-1017.	3.2	15
142	Structures of Complex Crystals of Alkylammonium Salts with Aromatic Molecules. Molecular Crystals and Liquid Crystals, 1996, 276, 185-191.	0.3	14
143	Rhodium-catalyzed Highly Enantioselective [4 + 2] Annulation of 2-Alkynylbenzaldehydes with Acyl Phosphonates. Chemistry Letters, 2008, 37, 934-935.	1.3	14
144	Development of colorless wood via two-step delignification involving alcoholysis and bleaching with maintaining natural hierarchical structure. Journal of Wood Science, 2020, 66, .	1.9	14

#	ARTICLE	IF	CITATIONS
145	Highly Stereoselective Preparation of Tertiary Homoallylic Alcohols with Multiple Stereogenic Centers. <i>Chemistry - A European Journal</i> , 2010, 16, 4729-4732.	3.3	13
146	Structure and function of archaeal prefoldin, a co-chaperone of group II chaperonin. <i>Frontiers in Bioscience - Landmark</i> , 2010, 15, 708.	3.0	13
147	Asymmetric Dearomatization of α -Amino-Naphthalene Derivatives through C-C Bond Formation with Electron-Rich Heterocycles as Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4374-4382.	2.4	13
148	(4-Chlorobenzoyl)(2-ethoxy-7-methoxynaphthalen-1-yl)methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o543-o543.	0.2	13
149	Crystal Structure of Nystose Trihydrate. <i>Bulletin of the Chemical Society of Japan</i> , 1993, 66, 374-379.	3.2	12
150	Structural Studies of Cetyltrimethylammonium Chloride and its Complex with <i>p</i> -Phenylphenol. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 312, 101-115.	0.3	12
151	Armillariols A to C from the culture broth of <i>Armillaria</i> sp.. <i>Tetrahedron Letters</i> , 2013, 54, 5481-5483.	1.4	12
152	Rhodium-catalyzed Enantioselective [2 + 2 + 2] Cycloaddition of Tosylamide-linked 5-Allenal and 5-Allenone with Internal Alkynes. <i>Chemistry Letters</i> , 2014, 43, 1260-1262.	1.3	12
153	Functional Expression and Characterization of Tetrachloroethene Dehalogenase From <i>Geobacter</i> sp.. <i>Frontiers in Microbiology</i> , 2018, 9, 1774.	3.5	12
154	Crystallization of poly(L-lactic acid)/poly(D-lactic acid) blend induced by organic solvents. <i>Polymer Bulletin</i> , 2019, 76, 3677-3691.	3.3	12
155	Choline dihydrogen phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o709-o709.	0.2	11
156	Inter-Ring Communication Is Dispensable in the Reaction Cycle of Group II Chaperonins. <i>Journal of Molecular Biology</i> , 2014, 426, 2667-2678.	4.2	11
157	Crystal structures of halohydrin hydrogen-halide-lyases from <i>Corynebacterium</i> sp. N-1074. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015, 83, 2230-2239.	2.6	11
158	Alkyne aza-Prins cyclization of <i>N</i> -(hexa-3,5-dienyl)tosylamides with aldehydes using triflic acid and a binuclear aluminum complex. <i>Chemical Communications</i> , 2019, 55, 8619-8622.	4.1	11
159	Formation of titanacyclobutenes with a spiro-bonded cyclopropane. <i>Chemical Communications</i> , 2008, , 3537.	4.1	10
160	Two crystal modifications of (Pro-Pro-Gly) ₄ -Hyp-Hyp-Gly-(Pro-Pro-Gly) ₄ reveal the puckering preference of Hyp(<i>X</i>) in the Hyp(<i>X</i>):Hyp(<i>Y</i>) and Hyp(<i>X</i>):Pro(<i>Y</i>) stacking pairs in collagen helices. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 88-96.	2.5	10
161	Improvement of enantioselectivity of the B-type halohydrin hydrogen-halide-lyase from <i>Corynebacterium</i> sp. N-1074. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 270-275.	2.2	10
162	Dietary Supplementation with Lysine and Threonine Modulates the Performance and Plasma Metabolites of Broiler Chicken. <i>Journal of Poultry Science</i> , 2019, 56, 204-211.	1.6	10

#	ARTICLE	IF	CITATIONS
163	Enantioselective Synthesis of Planar Chiral Paracyclophanes with Short ansa Chains and Structure of Strained Dioxo[7]paracyclophane. <i>Synlett</i> , 2011, 2011, 539-542.	1.8	9
164	Structural and functional characterization of aspartate racemase from the acidothermophilic archaeon <i>Picrophilus torridus</i> . <i>Extremophiles</i> , 2016, 20, 385-393.	2.3	8
165	Magnetic-field-induced alignment of syndiotactic polystyrene. <i>Polymer Journal</i> , 2016, 48, 709-714.	2.7	8
166	Confirmation of the absolute configuration of Stachybotrin C using single-crystal X-ray diffraction analysis of its 4-bromobenzyl ether derivative. <i>Journal of Antibiotics</i> , 2018, 71, 584-591.	2.0	8
167	Distribution and chemical species of phosphorus across density fractions in Andisols of contrasting mineralogy. <i>Geoderma</i> , 2021, 395, 115080.	5.1	8
168	Molecular and crystal structure of (2,3,4,6-tetra-O-acetyl- β -D-glucopyranosyl)-(1 \rightarrow 3)-D-glucopyranoside. <i>Acta Crystallographica Section C: Cryst. Struct. Commun.</i> , 2019, 75, 1003-1008.	2.3	7
169	Bilayered Super-Structures of Antiferroelectric Mesogens. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 276, 193-201.	0.3	7
170	The Molecular Complexes of Monoalkylammonium Bromide Salts with (R)-(+)-1,1'-Bi-2-Naphthol and Rac-1,1'-Bi-2-Naphthol. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 338, 47-59.	0.3	7
171	1,8-Bis(4-chlorobenzoyl)-7-methoxynaphthalen-2-ol ethanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1790-o1790.	0.2	7
172	Hetero Diels-Alder Reaction and Ene Reaction of Acylnitroso Species in situ Generated by Hypiodite Catalysis. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6199-6203.	2.4	7
173	Needle-shaped amyloid deposition in rat mammary gland: evidence of a novel amyloid fibril protein. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2020, 27, 25-35.	3.0	7
174	Multiple Myeloma-Associated Ig Light Chain Crystalline Cast Nephropathy. <i>Kidney International Reports</i> , 2020, 5, 1595-1602.	0.8	7
175	Molecular and crystal structure of galactinol dihydrate [1-O-(β -D-galactopyranosyl)-myo-inositol dihydrate]. <i>Carbohydrate Research</i> , 2000, 328, 241-248.	2.3	6
176	Crystalline structure of polyethylene containing vinylene units in the main chain. <i>Polymer</i> , 2011, 52, 4857-4866.	3.8	6
177	Two arginine residues in the substrate pocket predominantly control the substrate selectivity of thiocyanate hydrolase. <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 22-27.	2.2	6
178	Rhodium-Catalyzed Cyclization Reactions of β -Alkynyl Aldehydes with Carboxylic Acid Anhydrides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5266-5271.	2.4	6
179	Crystal structure of the collagen model peptide (Pro-Gly) ₄ -Hyp-Asp-Gly-(Pro-Gly) ₄ at 1.0 Å... resolution. <i>Biopolymers</i> , 2013, 09, 436-447.		
180	Characterization of group II chaperonins from an acidothermophilic archaeon <i>Picrophilus torridus</i> . <i>FEBS Open Bio</i> , 2016, 6, 751-764.	2.3	6

#	ARTICLE	IF	CITATIONS
181	Direct Synthesis of Bis(alkylamino)maleonitriles from Alcohols and TMSCN with Bi(OTf) ₃ . <i>Synthesis</i> , 2017, 49, 1301-1306.	2.3	6
182	Oxidative cycloaddition of hydroxamic acids with dienes or guaiacols mediated by iodine(III) reagents. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 531-536.	2.2	6
183	Selective Functionalization of Styrenes with Oxygen Using Different Electrode Materials: Olefin Cleavage and Synthesis of Tetrahydrofuran Derivatives. <i>Angewandte Chemie</i> , 2019, 131, 131-135.	2.0	6
184	Solvent-sensitive circularly polarized luminescent compounds bearing a 9,9- λ^2 -spirobi[fluorene] skeleton. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2866-2876.	2.8	6
185	Transformation of Thia[7]helicene to Aza[7]helicenes and [7]Helicene-like Compounds via Aromatic Metamorphosis. <i>Molecules</i> , 2022, 27, 606.	3.8	6
186	Hot Spot Mutagenesis Improves the Functional Expression of Unique Mammalian Odorant Receptors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 277.	4.1	6
187	Molecular and crystal structures of 2,3,4,6,1- λ^2 ,3- λ^2 ,4- λ^2 ,6- λ^2 -octa-O-acetyl- λ^2 -sophorose, methyl 2,3,4,6,3- λ^2 ,4- λ^2 ,6- λ^2 -hepta-O-acetyl- λ^2 -sophoroside, and methyl 2,3,4,6,3- λ^2 ,4- λ^2 -hexa-O-acetyl-6- λ^2 -deoxy- λ^2 -sophoroside. <i>Carbohydrate Research</i> , 1995, 271, 137-150.		
188	Dehydrogenative Nucleophilic Addition of Aliphatic Ether to Benzaldehyde Dimethyl Acetal Mediated by Ether-Boron Trifluoride (1/1) Affording 1-Alkoxy-2-alkylindenes or 1,2-Unsaturated Carbonyl Compounds Specifically. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 627-633.	3.2	5
189	Expression, purification, crystallization and preliminary crystallographic analysis of hepatitis B virus core protein dimerized via a peptide linker containing an EGFP insertion. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 942-945.	0.7	5
190	Preferred side-chain conformation of arginine residues in a triple-helical structure. <i>Biopolymers</i> , 2014, 101, 1000-1009.	2.4	5
191	Ketone-hybridized Cyclic Water Hexamer with Chair-conformation in Crystal of Macrocyclic <i>peri</i> -Aroylnaphthalene Compound. <i>Chemistry Letters</i> , 2019, 48, 1522-1525.	1.3	5
192	Crystalline structure and phase transition of syndiotactic styrene-based copolymers. <i>Polymer International</i> , 2019, 68, 71-78.	3.1	5
193	PV1 Protein from <i>Plasmodium falciparum</i> Exhibits Chaperone-Like Functions and Cooperates with Hsp100s. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8616.	4.1	5
194	Fluoro Group Pivoting Dual Hydrogen Bonding Intramolecular Bridge for 1,2-Bis(2-fluorophenyl)acenaphthenediol Molecule in Solution: NMR Spectrometrical Confirmation of Simultaneous Participation of F-C(sp ²) Group to Through-space-couplings with Aromatic and Hydroxy Hydrogen Atoms. <i>Chemistry Letters</i> , 2020, 49, 295-298.	1.3	5
195	BF ₃ -Catalyzed Skeletal Rearrangement of 7-En-2-ynones to <i>endo</i> -Type Cyclic Dienes. <i>Organic Letters</i> , 2020, 22, 4063-4067.	4.6	5
196	2-(4-Chlorobenzoyl)-3,6-dimethoxynaphthalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o612-o612.	0.2	5
197	Tetramethylammonium dihydrogen phosphate hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o797-o797.	0.2	5
198	Molecular and crystal structure of methyl hepta-O-acetyl- λ^2 -laminarabioside. <i>Carbohydrate Research</i> , 1994, 253, 29-38.	2.3	4

#	ARTICLE	IF	CITATIONS
199	Molecular and crystal structures of two 1,6-anhydro- β -maltotriose derivatives. Carbohydrate Research, 1995, 278, 195-203.	2.3	4
200	Formation of Giant Liposomes from Crystalline Complexes of Monoalkylammonium Surfactants and 4- β -Hydroxybiphenyl. Angewandte Chemie - International Edition, 1999, 38, 916-918.	13.8	4
201	Crystallization of Poly(3-hexylthiophene) Nanofiber in a Narrow Groove. Polymers, 2016, 8, 231.	4.5	4
202	Expression, Functional Characterization, and Preliminary Crystallization of the Cochaperone Prefoldin from the Thermophilic Fungus Chaetomium thermophilum. International Journal of Molecular Sciences, 2018, 19, 2452.	4.1	4
203	2,2-Dimethoxybiphenyl. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1731-o1731.	0.2	4
204	2-Acetamido-2-deoxy-3-O- β -D-galactopyranosyl-D-glucose dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1781-o1782.	0.2	4
205	(8-Bromo-2-hydroxy-7-methoxy-1-naphthyl)(4-chlorobenzoyl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o676-o676.	0.2	4
206	Crystallization of (Pro-Hyp-Gly) ₁₀ and Its Triple-Helical Structure Deduced from Cylindrical Patterson Map. Chemistry Letters, 1998, 27, 385-386.	1.3	3
207	THE CRYSTAL STRUCTURES OF 1:1 MOLECULAR COMPLEXES OF MONOALKYLAMMONIUM HALIDES WITH RAC-1,1-BI-2-NAPHTHOL. Molecular Crystals and Liquid Crystals, 2003, 399, 29-42.	0.9	3
208	DESIGN AND SYNTHESIS OF A C ₂ -SYMMETRIC CHIRAL 1,2-BIS(DIPHENYLPHOSPHINO)BENZENE LIGAND VIA RHODIUM-CATALYZED INTRAMOLECULAR [2+2+2] CYCLOADDITION. Heterocycles, 2012, 86, 139.	0.7	3
209	Expression, purification, crystallization and preliminary X-ray crystallographic studies of hepatitis B virus core fusion protein corresponding to octahedral particles. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 165-169.	0.7	3
210	2-Picoline catalyst-triggered [2 + 2 + 2] cycloaddition-type reaction of acetylenedicarboxylates, aldehydes and alkenes. Organic and Biomolecular Chemistry, 2018, 16, 5965-5968.	2.8	3
211	Modification and thermal properties of syndiotactic-1,2-polybutadiene. Polymer Bulletin, 2019, 76, 241-257.	3.3	3
212	A zeolite as a tool for successful refolding of PEGylated proteins and their reassembly with tertiary structures. Biotechnology Progress, 2019, 35, e2853.	2.6	3
213	Halogen-substituent effect on the spectroscopic properties of 2-phenyl-6-dimethylaminobenzothiazoles. Tetrahedron Letters, 2019, 60, 1702-1705.	1.4	3
214	Crystal structure and Hirshfeld surface analysis of 2-hydroxy-7-methoxy-1,8-bis(2,4,6-trichlorobenzoyl)naphthalene. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1418-1422.	0.5	3
215	Novel Blue-to-Green Phosphor of Cu-Al-S System Sensitized with Rare-Earth Elements. Japanese Journal of Applied Physics, 1995, 34, L41-L43.	1.5	3
216	The Hexadecyltrimethylammonium Chloride Inclusion Complex with Rac-1,1-Bi-2-Naphthol. Molecular Crystals and Liquid Crystals, 2000, 348, 227-237.	0.3	2

#	ARTICLE	IF	CITATIONS
217	Hexyltrimethylammonium Bromide Inclusion Complex With Rac-1,1'-Bi-2-Naphthol. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 339, 73-82.	0.3	2
218	THE 1:1 INCLUSION COMPLEX OF OCTYLTRIMETHYLAMMONIUM BROMIDE WITH RAC-1,1'-BI-2-NAPHTHOL. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 404, 85-93.	0.9	2
219	A Bidirectional Tunnel-like Structure with a Rigid, Thick, and Chiral Aromatic Macrocyclic Prepared by Self-complementary 6,6'-Substituted Binaphthyl Monomer. <i>Chemistry Letters</i> , 2008, 37, 660-661.	1.3	2
220	Comparative structural analysis of 2,7-diethoxy-1,8-bis(4-phenoxybenzoyl)naphthalene and its homologues: orientation of the 4-phenoxybenzoyl groups at the 1- and 8-positions of the naphthalene ring. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 1096-1100.	0.5	2
221	The Source of "Fairy Rings" 2-Azahypoxanthine and its Metabolite Found in a Novel Purine Metabolic Pathway in Plants. <i>Angewandte Chemie</i> , 2014, 126, 1578-1581.	2.0	2
222	Purification and characterization of proteins in multifloral honey from kelulut bee (stingless bee). <i>Heliyon</i> , 2019, 5, e02835.	3.2	2
223	Computational and Experimental Analysis on the Conformational Preferences of Anticancer Saponin OSW-1. <i>Journal of Organic Chemistry</i> , 2020, 85, 339-344.	3.2	2
224	Split conformation of <i>Chaetomium thermophilum</i> Hsp104 disaggregase. <i>Structure</i> , 2021, 29, 721-730.e6.	3.3	2
225	Chiral Benzo[b]silole-Fused 9,9'-Spiro[fluorene]: Synthesis, Chiroptical Properties, and Transformation to Extended Polycyclic Arene. <i>ChemPlusChem</i> , 2021, 86, 171-175.	2.8	2
226	Refined molecular and crystal structure of silk I based on Ala-Gly and (Ala-Gly) ₂ -Ser-Gly peptide sequence. <i>Biopolymers</i> , 2001, 59, 310-319.	2.4	2
227	2,7-Bis(4-acetylphenoxy)naphthalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o747-o747.	0.2	2
228	Isolation and Molecular Weight Characterization of <i>Tetragonula laeviceps</i> Honey Protein. <i>Makara Journal of Technology</i> , 2018, 22, 9.	0.3	2
229	Blocking PSD95-PDZ3's amyloidogenesis through point mutations that inhibit high-temperature reversible oligomerization (RO). <i>FEBS Journal</i> , 2022, 289, 3205-3216.	4.7	2
230	Arrangement of Small Molecules in Amphiphile Aggregation System. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 300, 191-200.	0.3	1
231	THE CRYSTAL STRUCTURE OF 1:2 MOLECULAR COMPLEX OF OCTYLTRIMETHYLAMMONIUM BROMIDE WITH R-(+)-1,1'-BI-2-NAPHTHOL. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 399, 61-68.	0.9	1
232	1,6,11,16-Tetraoxacycloeicosane-2,5,12,15-tetraone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, o528-o530.	0.4	1
233	WinLALS series for Helical Polymers running on Windows PCs. <i>Zeitschrift für Kristallographie</i> , 2007, 222, 306-307.	1.1	1
234	The Crystal Structure of Decyltrimethylammonium Chloride with Rac-1,1'-Bi-2-Naphthol. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 515, 99-108.	0.9	1

#	ARTICLE	IF	CITATIONS
235	Crystal structure of 2,7-diethoxy-1,8-bis(4-nitrobenzoyl)naphthalene. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 138-141.	0.2	1
236	PreLALS Workbench: Visual Data Manipulation Workbench for WinLALS on Windows PCs. Journal of Computer Aided Chemistry, 2005, 6, 12-22.	0.3	1
237	Enantioselective Synthesis of Axially Chiral Phthalides Through Cationic [Rh(I)(H8-binap)]-Catalyzed Cross Alkyne Cyclotrimerization.. ChemInform, 2005, 36, no.	0.0	0
238	Enantioselective Synthesis of Axially Chiral Biaryls Through Rhodium-Catalyzed Complete Intermolecular Cross-Cyclotrimerization of Internal Alkynes.. ChemInform, 2005, 36, no.	0.0	0
239	Crystal and Molecular Structure of 2:1 Complex of Tetradecyltrimethylammonium Bromide with Rac-1,1'-bi-2-naphthol. Molecular Crystals and Liquid Crystals, 2005, 428, 87-99.	0.9	0
240	The Formation of Isomorphous Packing Structures in Complexes of Dodecyltrimethylammonium Halides Complexes with Rac-1,1'-Bi-2-naphthol. Molecular Crystals and Liquid Crystals, 2008, 493, 44-56.	0.9	0
241	Development of a Liquid Crystalline Polyolefin Approach from Molecular Design. Kobunshi Ronbunshu, 2009, 66, 381-395.	0.2	0
242	Molecular design of main-chain liquid crystalline polyolefin. Proceedings of SPIE, 2009, , .	0.8	0
243	Intermolecular Interaction in Chitosan/Hydrogen Bromide Complex Based on X-Ray Fiber Diffraction. Kobunshi Ronbunshu, 2010, 67, 690-697.	0.2	0
244	Crystal Structures of the Lumazine Protein from <i>Photobacterium kishitani</i> in Complexes with the Authentic Chromophore, 6,7-Dimethyl-8-(1'-Ribityl) Lumazine, and Its Analogues, Riboflavin and Flavin Mononucleotide, at High Resolution. Journal of Bacteriology, 2010, 192, 1749-1749.	2.2	0
245	Self-organized Structure Generated by Molecular Symmetry/Asymmetry Regulation. Chemistry Letters, 2011, 40, 1290-1291.	1.3	0
246	2-(Trimethylazaniumyl)ethyl hydrogen phosphate (phosphocholine) monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o549-o549.	0.2	0
247	RA4ctitelbild: Selective Functionalization of Styrenes with Oxygen Using Different Electrode Materials: Olefin Cleavage and Synthesis of Tetrahydrofuran Derivatives (Angew. Chem. 1/2019). Angewandte Chemie, 2019, 131, 356-356.	2.0	0
248	The crystal structure of (1R*,2S*)-1,2-bis(2-fluorophenyl)-3,8-dimethoxyacenaphthene-1,2-diol, C26H20F2O4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, .	0.3	0
249	Oligomeric Structural Transition of HspB1 from Chinese Hamster. International Journal of Molecular Sciences, 2021, 22, 10797.	4.1	0
250	3-(2,3,5,6,7,8-Hexahydro-1H-cyclopenta[b]quinolin-9-yl)-1,5-bis(4-methoxyphenyl)biuret. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o655-o655.	0.2	0
251	The Inclusion Complex Formation of Monoalkylammonium Salts With (R) - (+), and Rac-1, 1'-bi-2-naphthol. Nihon Kessho Gakkaishi, 1998, 40, 59-59.	0.0	0
252	Synthesis and crystalline structure of poly(p-phenylene alkylene)s and poly(p-phenylene co-alkylenes) by Kumada coupling reaction of 1,2-dibromoalkane and p-dichlorobenzene. Journal of Polymer Research, 2022, 29, 1.	2.4	0