

Yoshito Tobe

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

308
papers

10,092
citations

52
h-index

85
g-index

343
ext. papers

10,848
ext. citations

6.7
avg, IF

6.11
L-index

#	Paper	IF	Citations
308	Crystal Structures of Tetramesityl-Substituted Tetracyclopenta[def,jkl,pqr,vwx]tetraphenylene. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 3528-3534	3.2	1
307	Chirality in porous self-assembled monolayer networks at liquid/solid interfaces: induction, reversion, recognition and transfer. <i>Chemical Communications</i> , 2021 , 57, 962-977	5.8	5
306	Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annulene-within-an-Annulene Models. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	1
305	Porous Self-Assembled Molecular Networks as Templates for Chiral-Position-Controlled Chemical Functionalization of Graphitic Surfaces. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7699-7708	16.4	14
304	Trapping a pentagonal molecule in a self-assembled molecular network: an alkoxyated isosceles triangular molecule does the job. <i>Chemical Communications</i> , 2020 , 56, 5401-5404	5.8	5
303	A Lucky Encounter that Triggered a Leap. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2020 , 78, 162-165	0.2	
302	Supramolecular Metallacycles and Their Binding of Fullerenes. <i>Chemistry - A European Journal</i> , 2020 , 26, 3609-3613	4.8	4
301	On the Thermal Stability of Aryl Groups Chemisorbed on Graphite. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 1980-1990	3.8	8
300	Hierarchical two-dimensional molecular assembly through dynamic combination of conformational states at the liquid/solid interface. <i>Chemical Science</i> , 2020 , 11, 9254-9261	9.4	3
299	Stereospecific Epitaxial Growth of Bilayered Porous Molecular Networks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8662-8671	16.4	6
298	An Approach to the Synthesis of a Two-Dimensional Polymer Using a Preorganized Host-Guest Network by Self-Assembly at the Liquid/Solid Interface. <i>ChemNanoMat</i> , 2020 , 6, 550-559	3.5	2
297	Phase selectivity triggered by nanoconfinement: the impact of corral dimensions. <i>Chemical Communications</i> , 2019 , 55, 2226-2229	5.8	11
296	On-Surface Evolution of meso-Isomerism in Two-Dimensional Supramolecular Assemblies. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9611-9618	16.4	4
295	On-Surface Evolution of meso-Isomerism in Two-Dimensional Supramolecular Assemblies. <i>Angewandte Chemie</i> , 2019 , 131, 9713-9720	3.6	
294	[2.2.2](2,7)-1-Bromonaphthalenophane from a Desymmetrized Building Block Bearing Electrophilic and Masked Nucleophilic Functionalities. <i>Helvetica Chimica Acta</i> , 2019 , 102, e1800242	2	1
293	Reversing the Handedness of Self-Assembled Porous Molecular Networks through the Number of Identical Chiral Centres. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7733-7738	16.4	14
292	Reversing the Handedness of Self-Assembled Porous Molecular Networks through the Number of Identical Chiral Centres. <i>Angewandte Chemie</i> , 2019 , 131, 7815-7820	3.6	1

291	Alkoxy Chain Number Effect on Self-Assembly of a Trigonal Molecule at the Liquid/Solid Interface. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 27020-27029	3.8	7
290	Electrostatically Driven Guest Binding in Self-Assembled Molecular Network of Hexagonal Pyridine Macrocycle at the Liquid/Solid Interface: Symmetry Breaking Induced by Coadsorbed Solvent Molecules. <i>Langmuir</i> , 2019 , 35, 15051-15062	4	0
289	9,10-Dihydro- as-indacenodithiophenes: Isomers with an as-Indacene Core. <i>Journal of Organic Chemistry</i> , 2019 , 84, 3927-3939	4.2	1
288	Steric and Electronic Effects of Electrochemically Generated Aryl Radicals on Grafting of the Graphite Surface. <i>Langmuir</i> , 2019 , 35, 2089-2098	4	20
287	Structural Insights into the Mechanism of Chiral Recognition and Chirality Transfer in Host-Guest Assemblies at the Liquid/Solid Interface. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 8228-8235	3.8	17
286	Electrostatically Driven Guest Binding in a Self-Assembled Porous Network at the Liquid/Solid Interface. <i>Langmuir</i> , 2018 , 34, 6036-6045	4	7
285	Quinodimethanes Incorporated in Non-Benzenoid Aromatic or Antiaromatic Frameworks. <i>Topics in Current Chemistry</i> , 2018 , 376, 12	7.2	28
284	The Asymmetry is Derived from Mechanical Interlocking of Achiral Axle and Achiral Ring Components Syntheses and Properties of Optically Pure [2]Rotaxanes <i>Symmetry</i> , 2018 , 10, 20	2.7	19
283	Quinodimethanes Incorporated in Non-Benzenoid Aromatic or Antiaromatic Frameworks. <i>Topics in Current Chemistry Collections</i> , 2018 , 107-168	1.8	2
282	Computational insight into the origin of unexpected contrast in chiral markers as revealed by STM. <i>Nanoscale</i> , 2018 , 10, 1680-1694	7.7	3
281	How Does Chemisorption Impact Physisorption? Molecular View of Defect Incorporation and Perturbation of Two-Dimensional Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 24046-24054	2.8	10
280	Self-Assembled Monolayers as Templates for Linearly Nanopatterned Covalent Chemical Functionalization of Graphite and Graphene Surfaces. <i>ACS Nano</i> , 2018 , 12, 11520-11528	16.7	32
279	Fluoreno[2,3-b]fluorene vs Indeno[2,1-b]fluorene: Unusual Relationship between the Number of π Electrons and Excitation Energy in m-Quinodimethane-Type Singlet Diradicaloids. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1380-1388	4.2	39
278	Synthesis and structures of [2n](2,7)naphthalenophanes (n = 2-4). <i>Canadian Journal of Chemistry</i> , 2017 , 95, 445-449	0.9	2
277	Host-Guest Chemistry in Integrated Porous Space Formed by Molecular Self-Assembly at Liquid-Solid Interfaces. <i>Langmuir</i> , 2017 , 33, 4601-4618	4	47
276	Odd-Even Effects in Chiral Phase Transition at the Liquid/Solid Interface. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10430-10438	3.8	15
275	Skeletal Rearrangement of Twisted Polycyclic Aromatic Hydrocarbons under Scholl Reaction Conditions. <i>Organic Letters</i> , 2017 , 19, 3227-3230	6.2	41
274	Area-selective passivation of sp carbon surfaces by supramolecular self-assembly. <i>Nanoscale</i> , 2017 , 9, 5188-5193	7.7	12

273	Generation of Aromatic (Dehydro)benzoannulene Dications Stabilized by Platinum Catecholate Complexes. <i>ChemPlusChem</i> , 2017 , 82, 1052-1056	2.8	4
272	On the formation of concentric 2D multicomponent assemblies at the solution-solid interface. <i>Chemical Communications</i> , 2017 , 53, 1108-1111	5.8	32
271	Transfer of chiral information from a chiral solvent to a two-dimensional network. <i>Faraday Discussions</i> , 2017 , 204, 215-231	3.6	7
270	Hexagonal Molecular Tiling by Hexagonal Macrocycles at the Liquid/Solid Interface: Structural Effects on Packing Geometry. <i>Langmuir</i> , 2017 , 33, 12453-12462	4	17
269	Construction of cyclic arrays of Zn-porphyrin units and their guest binding at the solid-liquid interface. <i>Chemical Communications</i> , 2016 , 52, 14419-14422	5.8	6
268	Coadsorption of Tb(III)Porphyrin Double-decker Single-molecule Magnets in a Porous Molecular Network: Toward Controlled Alignment of Single-molecule Magnets on a Carbon Surface. <i>Chemistry Letters</i> , 2016 , 45, 286-288	1.7	3
267	Adaptive Building Blocks Consisting of Rigid Triangular Core and Flexible Alkoxy Chains for Self-Assembly at Liquid/Solid Interfaces. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 1277-1306	5.1	59
266	Thermal control of sequential on-surface transformation of a hydrocarbon molecule on a copper surface. <i>Nature Communications</i> , 2016 , 7, 12711	17.4	63
265	Twisted Polycyclic Aromatic Hydrocarbon with a Cyclooctatetraene Core via Formal [4+4] Dimerization of Indenofluorene. <i>Synlett</i> , 2016 , 27, 2140-2144	2.2	7
264	Periodic Functionalization of Surface-Confined Pores in a Two-Dimensional Porous Network Using a Tailored Molecular Building Block. <i>ACS Nano</i> , 2016 , 10, 2113-20	16.7	38
263	Diindenopyrenes: Extended 1,6- and 1,8-Pyrenoquinodimethanes with Singlet Diradical Characters. <i>Journal of Organic Chemistry</i> , 2016 , 81, 3735-43	4.2	23
262	Self-Assembled Dehydro[24]annulene Monolayers at the Liquid/Solid Interface: Toward On-Surface Synthesis of Tubular π -Conjugated Nanowires. <i>Langmuir</i> , 2016 , 32, 5532-41	4	12
261	Syntheses and stimuli-responsive rocking motions of a rotaxane bearing different stoppers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 331, 184-189	4.7	
260	Dynamic control over supramolecular handedness by selecting chiral induction pathways at the solution-solid interface. <i>Nature Chemistry</i> , 2016 , 8, 711-7	17.6	83
259	Synthesis and Photophysical Properties of 9,10-Bis(3-aryl-2-naphthyl)anthracenes. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 110-112	5.1	7
258	Complex Chiral Induction Processes at the Solution/Solid Interface. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 17444-17453	3.8	14
257	Efficient screening of 2D molecular polymorphs at the solution-solid interface. <i>Nanoscale</i> , 2015 , 7, 5344-9	7	19
256	Chemistry of anthracene-acetylene oligomers XXV: on-surface chirality of a self-assembled molecular network of a fan-blade-shaped anthracene-acetylene macrocycle with a long alkyl chain. <i>Chemistry - A European Journal</i> , 2015 , 21, 5520-7	4.8	10

255	Multicomponent self-assembly with a shape-persistent N-heterotriangulene macrocycle on Au(111). <i>Chemistry - A European Journal</i> , 2015 , 21, 1652-9	4.8	32
254	Effect of Multiple Interactions on Face-On vs Edge-On Configurations of Butadiyne-Bridged Octadehydrodibenzo[12]annulene Derivatives at the Liquid/Graphite Interface. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 15977-15981	3.8	7
253	Formation of Multicomponent Star Structures at the Liquid/Solid Interface. <i>Langmuir</i> , 2015 , 31, 7032-40	4.4	34
252	Covalent modification of graphene and graphite using diazonium chemistry: tunable grafting and nanomanipulation. <i>ACS Nano</i> , 2015 , 9, 5520-35	16.7	221
251	Non-alternant non-benzenoid kekulenes: the birth of a new kekulene family. <i>Chemical Society Reviews</i> , 2015 , 44, 6560-77	58.5	83
250	On the stability of surface-confined nanoporous molecular networks. <i>Journal of Chemical Physics</i> , 2015 , 142, 101932	3.9	6
249	Towards enantioselective adsorption in surface-confined nanoporous systems. <i>Chemical Communications</i> , 2015 , 51, 4766-9	5.8	47
248	Design of efficient sergeant molecules for chiral induction in nano-porous supramolecular assemblies. <i>RSC Advances</i> , 2015 , 5, 6642-6646	3.7	7
247	Tetracyclopenta[def,jkl,pqr,vwx]tetraphenylene: A Potential Tetraradicaloid Hydrocarbon. <i>Angewandte Chemie</i> , 2015 , 127, 2118-2122	3.6	26
246	Innentitelbild: Tetracyclopenta[def,jkl,pqr,vwx]tetraphenylene: A Potential Tetraradicaloid Hydrocarbon (Angew. Chem. 7/2015). <i>Angewandte Chemie</i> , 2015 , 127, 2000-2000	3.6	
245	Advances in Chemistry of Dehydrobenzoannulenes 2015 , 163-192		
244	Alkoxylated dehydrobenzo[12]annulene on Au(111): from single molecules to quantum dot molecular networks. <i>Chemical Communications</i> , 2015 , 51, 10917-20	5.8	6
243	Square tiling by square macrocycles at the liquid/solid interface: co-crystallisation with one- or two-dimensional order. <i>Chemistry - A European Journal</i> , 2015 , 21, 6806-16	4.8	15
242	Non-alternant non-benzenoid aromatic compounds: past, present, and future. <i>Chemical Record</i> , 2015 , 15, 86-96	6.6	77
241	Tetracyclopenta[def,jkl,pqr,vwx]tetraphenylene: a potential tetraradicaloid hydrocarbon. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2090-4	16.4	77
240	Benz[c]indeno[2,1-a]fluorene: a 2,3-naphthoquinodimethane incorporated into an indenofluorene frame. <i>Chemical Science</i> , 2014 , 5, 163-168	9.4	67
239	Harnessing by a diacetylene unit: a molecular design for porous two-dimensional network formation at the liquid/solid interface. <i>Chemical Communications</i> , 2014 , 50, 2831-3	5.8	14
238	Porous molecular networks formed by the self-assembly of positively-charged trigonal building blocks at the liquid/solid interfaces. <i>Chemical Communications</i> , 2014 , 50, 7683-5	5.8	7

- 237 Multifunctional Expanded macrocyclic oligothiophene 6-mers and related macrocyclic oligomers. *Journal of the American Chemical Society*, **2014**, 136, 2389-96 16.4 49
- 236 Axle length does not affect switching dynamics in degenerate molecular shuttles with rigid spacers. *Journal of the American Chemical Society*, **2014**, 136, 7899-906 16.4 39
- 235 Functionalized surface-confined pores: guest binding directed by lateral noncovalent interactions at the solid-liquid interface. *ACS Nano*, **2014**, 8, 8683-94 16.7 36
- 234 Transformation of octadehydrodibenzo[12]annulene to benzonaphthopentalene by successive nucleophilic and electrophilic transannular cyclizations. *Tetrahedron*, **2014**, 70, 8474-8479 2.4 7
- 233 Efficient molecular recognition based on nonspecific van der Waals interaction at the solid/liquid interface. *Chemical Communications*, **2014**, 50, 11946-9 5.8 14
- 232 [4.2](2,2)(2,2)Biphenylophanetriyne: a twisted biphenylophane with a highly distorted diacetylene bridge. *Organic Letters*, **2014**, 16, 1940-3 6.2 26
- 231 Synthesis of 4-substituted 3,5-dinitro-1,4-dihydropyridines by the self-condensation of Formyl-Hitroenamine. *Journal of Organic Chemistry*, **2014**, 79, 2163-9 4.2 17
- 230 Electrophilic Tandem Transannular Cyclization of Octadehydrotribenzo[14]annulene to Benzodiindenocyclooctatetraenes. *Chemistry Letters*, **2014**, 43, 1210-1212 1.7 5
- 229 Facile Synthesis of 3,3'-Disubstituted 2,2'-Binaphthyls by Transition-metal-catalyzed Double Benzannulation. *Chemistry Letters*, **2014**, 43, 883-884 1.7 12
- 228 Indenofluorene congeners: Biradicaloids and beyond. *Pure and Applied Chemistry*, **2014**, 86, 517-528 2.1 31
- 227 Direct observation of adsorption geometry for the van der Waals adsorption of a single π -conjugated hydrocarbon molecule on Au(111). *Journal of Chemical Physics*, **2014**, 140, 074709 3.9 13
- 226 Syntheses and properties of graphyne fragments: trigonally expanded dehydrobenzo[12]annulenes. *Chemistry - A European Journal*, **2013**, 19, 11251-60 4.8 54
- 225 Self-assembled air-stable supramolecular porous networks on graphene. *ACS Nano*, **2013**, 7, 10764-72 16.7 52
- 224 Synthesis and physical properties of zethrene derivatives bearing donor/acceptor substituents at 7,14-positions. *Organic and Biomolecular Chemistry*, **2013**, 11, 8256-61 3.9 15
- 223 Self-assembly of molecular tripods in two dimensions: structure and thermodynamics from computer simulations. *RSC Advances*, **2013**, 3, 25159 3.7 28
- 222 Temperature-induced structural phase transitions in a two-dimensional self-assembled network. *Journal of the American Chemical Society*, **2013**, 135, 12068-75 16.4 158
- 221 A tale of tails: alkyl chain directed formation of 2D porous networks reveals odd-even effects and unexpected bicomponent phase behavior. *ACS Nano*, **2013**, 7, 8031-42 16.7 51
- 220 Oxidative cyclodimerization after tandem cyclization of dehydrobenzo[14]annulenes induced by alkylolithium. *Angewandte Chemie - International Edition*, **2013**, 52, 4184-8 16.4 10

219	Indeno[2,1-b]fluorene: a 20- π -electron hydrocarbon with very low-energy light absorption. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6076-9	16.4	189
218	Oxidative Cyclodimerization After Tandem Cyclization of Dehydrobenzo[14]annulenes Induced by Alkylolithium. <i>Angewandte Chemie</i> , 2013 , 125, 4278-4282	3.6	4
217	Tailoring Surface-Confined Nanopores with Photoresponsive Groups. <i>Angewandte Chemie</i> , 2013 , 125, 8531-8534	3.6	8
216	Indeno[2,1-b]fluorene: A 20- π -Electron Hydrocarbon with Very Low-Energy Light Absorption. <i>Angewandte Chemie</i> , 2013 , 125, 6192-6195	3.6	71
215	Rücktitelbild: Indeno[2,1-b]fluorene: A 20- π -Electron Hydrocarbon with Very Low-Energy Light Absorption (Angew. Chem. 23/2013). <i>Angewandte Chemie</i> , 2013 , 125, 6228-6228	3.6	
214	Innentitelbild: Oxidative Cyclodimerization After Tandem Cyclization of Dehydrobenzo[14]annulenes Induced by Alkylolithium (Angew. Chem. 15/2013). <i>Angewandte Chemie</i> , 2013 , 125, 4134-4134	3.6	
213	Tailoring surface-confined nanopores with photoresponsive groups. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8373-6	16.4	53
212	Solvent-induced homochirality in surface-confined low-density nanoporous molecular networks. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19568-71	16.4	63
211	Role of substrate in directing the self-assembly of multicomponent supramolecular networks at the liquid-solid interface. <i>ACS Nano</i> , 2012 , 6, 8381-9	16.7	69
210	Amplification of enantioselectivity and sensitivity based on non-linear response of molecular wire bearing pseudo-18-crown-6 to chiral amines. <i>Chemical Communications</i> , 2012 , 48, 6052-4	5.8	10
209	Tuning the size of supramolecular M4L4 tetrahedra by ligand connectivity. <i>Dalton Transactions</i> , 2012 , 41, 9316-22	4.3	11
208	Molecular propellers that consist of dehydrobenzo[14]annulene blades. <i>Chemistry - A European Journal</i> , 2012 , 18, 12814-24	4.8	17
207	Ordering of Molecules with π -Conjugated Triangular Core by Switching Hydrogen Bonding and van der Waals Interactions. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 17082-17088	3.8	15
206	One building block, two different nanoporous self-assembled monolayers: a combined STM and Monte Carlo study. <i>ACS Nano</i> , 2012 , 6, 897-903	16.7	68
205	Synthesis and structure of 1,4,5,8-tetraethynynaphthalene derivatives. <i>Chemical Communications</i> , 2012 , 48, 7841-3	5.8	12
204	Chemistry of anthracene-acetylene oligomers XX: synthesis, structures, and self-association of anthracene-anthraquinone cyclic compounds with ethynylene linkers. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 935-43	4.5	4
203	Formation and Control of Porous Two-Dimensional Molecular Self-Assembly at Solid-Liquid Interfaces. <i>Yuki Gosei Kagaku Kyokashiji/Journal of Synthetic Organic Chemistry</i> , 2012 , 70, 1255-1266	0.2	2
202	Indeno[2,1-a]fluorene: An Air-Stable ortho-Quinodimethane Derivative. <i>Angewandte Chemie</i> , 2011 , 123, 7038-7042	3.6	59

201	Indeno[2,1-a]fluorene: an air-stable ortho-quinodimethane derivative. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6906-10	16.4	194
200	Direct dendronization of polystyrenes using dendritic diarylcarbenium ion pools. <i>Chemical Communications</i> , 2011 , 47, 5575-7	5.8	20
199	Molecular pentagonal tiling: self-assemblies of pentagonal-shaped macrocycles at liquid/solid interfaces. <i>CrystEngComm</i> , 2011 , 13, 5551	3.3	25
198	Formation of a non-crystalline bimolecular porous network at a liquid/solid interface. <i>Chemical Communications</i> , 2011 , 47, 11459-61	5.8	17
197	Novel chiral recognition beyond the limitation due to the law of mass action: highly enantioselective chiral sensing based on non-linear response in phase transition events. <i>Chemical Communications</i> , 2011 , 47, 6617-9	5.8	5
196	Control and induction of surface-confined homochiral porous molecular networks. <i>Nature Chemistry</i> , 2011 , 3, 714-9	17.6	155
195	Electrophilic transannular cyclization of octadehydrodibenzo[12]annulene reexamined: indication of the formation of both anti- and syn-indenofluorenes. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9116-21	4.2	20
194	Mixing behavior of alkoxyated dehydrobenzo [12]annulenes at the solid-liquid interface: scanning tunneling microscopy and Monte Carlo simulations. <i>ACS Nano</i> , 2011 , 5, 4145-57	16.7	37
193	PtCl ₂ -Catalyzed Cyclization of o-Diethynylbenzene Derivatives Triggered by Intramolecular Nucleophilic Attack. <i>Synthetic Communications</i> , 2011 , 41, 1077-1087	1.7	9
192	Tetradehydrodinaphtho[10]annulene and its transformation into zethrene: A hitherto unknown dehydroannulene and a forgotten aromatic hydrocarbon. <i>Pure and Applied Chemistry</i> , 2010 , 82, 871-878	2.1	35
191	Towards two-dimensional nanoporous networks: crystal engineering at the solid-liquid interface. <i>CrystEngComm</i> , 2010 , 12, 3369	3.3	39
190	Role of pseudopolymorphism on concentration dependent competitive adsorption at a liquid/solid interface. <i>Chemical Communications</i> , 2010 , 46, 9125-7	5.8	27
189	Supramolecular surface-confined architectures created by self-assembly of triangular phenylene-ethynylene macrocycles via van der Waals interaction. <i>Chemical Communications</i> , 2010 , 46, 8507-25	5.8	158
188	Conductance of Single Triangular Dehydrobenzo[12]annulene Derivative Bridged between Au Electrodes. <i>Chemistry Letters</i> , 2010 , 39, 788-789	1.7	14
187	Self-assembled monolayers of alkoxy-substituted octadehydrodibenzo[12]annulenes on a graphite surface: attempts at peri-benzopolyacene formation by on-surface polymerization. <i>Chemistry - A European Journal</i> , 2010 , 16, 8319-28	4.8	26
186	Synthesis, Structure, and Photophysical Properties of Dibenzo[de,mn]naphthacenes. <i>Angewandte Chemie</i> , 2010 , 122, 7213-7216	3.6	23
185	Synthesis, structure, and photophysical properties of dibenzo[de,mn]naphthacenes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7059-62	16.4	77
184	3-(2-Aminocarbonylphenyl)propanoic acid analogs as potent and selective EP3 receptor antagonists. Part 3: Synthesis, metabolic stability, and biological evaluation of optically active analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 3212-23	3.4	6

183	Two-Dimensional Crystal Engineering: A Four-Component Architecture at a Liquid-Solid Interface. <i>Angewandte Chemie</i> , 2009 , 121, 7489-7493	3.6	44
182	Two-dimensional crystal engineering: a four-component architecture at a liquid-solid interface. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7353-7	16.4	140
181	Remarkable effect of hydrogen bonding between ring and axle components on deslipping reactions of rotaxanes. <i>Tetrahedron Letters</i> , 2009 , 50, 3443-3445	2	5
180	Formation of naphthodithiophene isomers by flash vacuum pyrolysis of 1,6-di(2-thienyl)- and 1,6-di(3-thienyl)-1,5-hexadien-3-yne. <i>Comptes Rendus Chimie</i> , 2009 , 12, 378-384	2.7	10
179	Selective Metallation of 3-Halothiophenes: Practical Methods for the Synthesis of 2-Bromo-3-formylthiophene. <i>Synthetic Communications</i> , 2009 , 39, 3315-3323	1.7	5
178	Remarkable effects of chirality on deslipping reactions of diastereomeric rotaxanes and relevant mechanism involving pre-equilibrium. <i>Organic Letters</i> , 2009 , 11, 145-7	6.2	8
177	Tetradehydrodinaphtho[10]annulene: a hitherto unknown dehydroannulene and a viable precursor to stable zethrene derivatives. <i>Organic Letters</i> , 2009 , 11, 4104-6	6.2	83
176	Formylnitroenamines: useful building blocks for nitrated pyridones and aminopyridines with functional groups. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 325-34	3.9	17
175	2D networks of rhombic-shaped fused dehydrobenzo[12]annulenes: structural variations under concentration control. <i>Journal of the American Chemical Society</i> , 2009 , 131, 17583-90	16.4	114
174	Giant molecular spoked wheels in giant voids: two-dimensional molecular self-assembly goes big. <i>Chemical Communications</i> , 2008 , 3897-9	5.8	54
173	Programmable hierarchical three-component 2D assembly at a liquid-solid interface: recognition, selection, and transformation. <i>Nano Letters</i> , 2008 , 8, 2541-6	11.5	145
172	Donors and acceptors based on triangular dehydrobenzo[12]annulenes: formation of a triple-layered rosette structure by a charge-transfer complex. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14339-45	16.4	84
171	Site-selective guest inclusion in molecular networks of butadiyne-bridged pyridino and benzeno square macrocycles on a surface. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6666-7	16.4	64
170	Molecular clusters in two-dimensional surface-confined nanoporous molecular networks: structure, rigidity, and dynamics. <i>Journal of the American Chemical Society</i> , 2008 , 130, 7119-29	16.4	140
169	An anthracene-based photochromic macrocycle as a key ring component to switch a frequency of threading motion. <i>Chemistry - A European Journal</i> , 2008 , 14, 981-6	4.8	46
168	A shuttling molecular machine with reversible brake function. <i>Chemistry - A European Journal</i> , 2008 , 14, 3427-33	4.8	69
167	Highly effective and reversible control of the rocking rates of rotaxanes by changes to the size of stimulus-responsive ring components. <i>Chemistry - A European Journal</i> , 2008 , 14, 5803-11	4.8	24
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37	Synthesis, conformation, and structure of 8,11-bis(methoxycarbonyl)[6]paracyclophane. <i>Journal of Organic Chemistry</i> , 1987 , 52, 2639-2644	4.2	25
36	Complexation between novel cyclophane host and polar guest by hydrogen bonding. <i>Tetrahedron Letters</i> , 1987 , 28, 3825-3826	2	17
35	Unusual rearrangement of tricyclo[6.3.0.01,4]undecan-5-one. <i>Tetrahedron Letters</i> , 1987 , 28, 3979-3980	2	5
34	Thermal [2+2] cycloaddition of benzene derivative. Cycloaddition of (Z)-[6]paracycloph-3-ene with tetracyanoethylene. <i>Tetrahedron Letters</i> , 1987 , 28, 2861-2862	2	7
33	TRIDECALINO-18-CROWN-6. SYNTHESIS OF CYLINDRICAL CROWN ETHER. <i>Chemistry Letters</i> , 1986 , 15, 455-458	1.7	5
32	AN ALTERNATIVE SYNTHESIS OF (–)-DESCARBOXYQUADRONE. <i>Chemistry Letters</i> , 1986 , 15, 507-510	1.7	5
31	DIDECALINO-14-CROWN-4. HIGHLY LITHIUM ION SELECTIVE EXTRACTANT. <i>Chemistry Letters</i> , 1986 , 15, 713-714	1.7	12
30	Synthesis, structure and reactivities of [6]paracyclophanes. <i>Tetrahedron</i> , 1986 , 42, 1851-1858	2.4	52
29	Synthesis of large ring proton cryptate tridecalino [2.2.2] cryptand?2hl. <i>Tetrahedron Letters</i> , 1986 , 27, 2465-2466	2	2
28	Cyclobutyl-cyclopropylcarbonyl type rearrangement of 1-oxaspirohexane derivatives. A new entry to functionalized norcaranes. <i>Tetrahedron Letters</i> , 1986 , 27, 2905-2906	2	6
27	CHELATION-CONTROLLED REGIOSELECTIVE EPOXIDE-CARBONYL REARRANGEMENT OF 1-OXASPIROHEXANE DERIVATIVES. <i>Chemistry Letters</i> , 1985 , 14, 1437-1440	1.7	11
26	SYNTHESIS OF TRICYCLO[5.3.2.01,6]DODECENONES. <i>Chemistry Letters</i> , 1985 , 14, 305-306	1.7	0
25	Synthesis of cis-transoid-cis-and cis-cisoid-cis-Tricyclo[6.3.0.02,6]undecan-1-ols. <i>Bulletin of the Chemical Society of Japan</i> , 1985 , 58, 1613-1614	5.1	10
24	SYNTHESIS OF 2-METHYLENETRICYCLO[4.3.2.01,5]UNDECAN-3-ONES INVOLVING A SPIRO CYCLOPROPANE RING. <i>Chemistry Letters</i> , 1985 , 14, 1565-1568	1.7	6
23	Stereocontrolled total synthesis of (–)-isocomene and (–)-isocomene via ring enlargement. <i>Journal of the Chemical Society Chemical Communications</i> , 1985 , 898-899		28
22	[5]Paracyclophane. <i>Journal of the American Chemical Society</i> , 1985 , 107, 3716-3717	16.4	85

21	Acid-catalyzed rearrangement of [m.3.2]propellanols. <i>Journal of Organic Chemistry</i> , 1985 , 50, 488-493	4.2	17
20	A novel synthesis of (–)-descarboxyquadrono. <i>Tetrahedron Letters</i> , 1984 , 25, 557-560	2	14
19	A new strategy for construction of angularly fused tricyclic ring systems. Transannular bond formation of bicyclic enones via photochemical intramolecular hydrogen abstraction. <i>Tetrahedron Letters</i> , 1984 , 25, 3895-3896	2	15
18	Chelation-controlled regioselective epoxide-carbonyl rearrangement: a ring enlargement route to (–)-modhephene. <i>Journal of the Chemical Society Chemical Communications</i> , 1984 , 1259-1260		24
17	The baeyer-villiger oxidation via carboration, oxidation of 7-acetyl[4.2.1]- and 7-acetyl[4.2.2]propellanes. <i>Tetrahedron Letters</i> , 1983 , 24, 3639-3642	2	2
16	Synthesis and structure of 8-carboxy[6]paracyclophane. <i>Journal of the American Chemical Society</i> , 1983 , 105, 1376-1377	16.4	54
15	A NEW EFFICIENT SYNTHESIS AND REARRANGEMENTS OF [6]PARACYCLOPHANE. <i>Chemistry Letters</i> , 1983 , 12, 1645-1646	1.7	11
14	Synthesis of dibenzo[4.4.2.2]buttaflanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1982 , 82		2
13	Novel acid-catalysed rearrangement of [4.3.2]- and [5.3.2]-propellanones. <i>Journal of the Chemical Society Chemical Communications</i> , 1982 , 6		7
12	Synthesis of bicyclo[6.2.2] bridgehead dienes. <i>Tetrahedron Letters</i> , 1982 , 23, 537-538	2	10
11	Synthesis and reactions of 5,6,11,12-tetrahydro-5,12;6,11-diethenodibenzo-[b,e]cyclo-octene (pp?-dinaphthalene). <i>Journal of the Chemical Society Chemical Communications</i> , 1981 , 786-787		4
10	Synthesis and Properties of Bridgehead-substituted Bicyclo[n.2.2] Bridgehead Alkenes. <i>Bulletin of the Chemical Society of Japan</i> , 1981 , 54, 1474-1480	5.1	13
9	Synthesis of Propellanes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1981 , 39, 1163-1171	0.2	1
8	BICYCLO[n.2.2]BRIDGEHEAD ALKENES, SYNTHESIS AND ELECTROPHILIC ADDITION OF ACETIC ACID. <i>Chemistry Letters</i> , 1980 , 9, 691-692	1.7	1
7	Solvolysis of bridgehead chlorides with strained bridgehead double bond.. <i>Tetrahedron Letters</i> , 1980 , 21, 5025-5026	2	0
6	Oxidative decarboxylation of [n.2.2]propellane carboxylic acids with lead tetraacetate. rearrangement approach to bicyclo [n.2.2.]bridgehead alkenes.. <i>Tetrahedron Letters</i> , 1979 , 20, 3855-3856 ²		4
5	Chromic acid oxidation of [n.3.2]propellanols. <i>Journal of Organic Chemistry</i> , 1979 , 44, 639-640	4.2	5
4	Stereoselectivity in Hydride Reduction of [n.3.2]Propellanones. <i>Bulletin of the Chemical Society of Japan</i> , 1979 , 52, 639-640	5.1	5

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| 3 | Stereoselectivity in photocycloaddition of bicyclic enones to olefins. <i>Journal of Organic Chemistry</i> , 1978 , 43, 4334-4337 | 4.2 | 6 |
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