

# Tomohisa Sawada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8311837/publications.pdf>

Version: 2024-02-01

30  
papers

1,615  
citations

236833

25  
h-index

377752

34  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal nucleotide duplex formation in water through enclathration in self-assembled hosts. <i>Nature Chemistry</i> , 2009, 1, 53-56.	6.6	206
2	Coordination-Driven Folding and Assembly of a Short Peptide into a Protein-Like Two-Nanometer-Sized Channel. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7228-7232.	7.2	98
3	Metal-Peptide Torus Knots from Flexible Short Peptides. <i>CheM</i> , 2020, 6, 294-303.	5.8	97
4	A Single Watson-Crick G-C Base Pair in Water: Aqueous Hydrogen Bonds in Hydrophobic Cavities. <i>Journal of the American Chemical Society</i> , 2010, 132, 7194-7201.	6.6	92
5	Mutual Induced Fit in a Synthetic Host-Guest System. <i>Journal of the American Chemical Society</i> , 2014, 136, 4449-4451.	6.6	80
6	Peptide [4]Catenane by Folding and Assembly. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4519-4522.	7.2	80
7	Metal-peptide rings form highly entangled topologically inequivalent frameworks with the same ring- and crossing-numbers. <i>Nature Communications</i> , 2019, 10, 921.	5.8	68
8	Capsule-Capsule Conversion by Guest Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2063-2066.	7.2	64
9	Compressed Corannulene in a Molecular Cage. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1561-1564.	7.2	64
10	Conformational Preferences of Short Peptide Fragments. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8695-8698.	7.2	62
11	A metal-peptide capsule by multiple ring threading. <i>Nature Communications</i> , 2019, 10, 5687.	5.8	61
12	Structural Mimicry of the $\alpha$ -Helix in Aqueous Solution with an Isoatomic $\beta^2/\beta^3$ -Peptide Backbone. <i>Journal of the American Chemical Society</i> , 2011, 133, 7336-7339.	6.6	55
13	Folding and Assembly of Metal-Linked Peptidic Nanostructures. <i>CheM</i> , 2020, 6, 1861-1876.	5.8	55
14	Topologically Matching Supramolecular n/p-Heterojunction Architectures. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6461-6464.	7.2	46
15	Ultramacrocyclization through Reversible Catenation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4896-4899.	7.2	41
16	Inducing $\alpha$ -Helices in Short Oligopeptides through Binding by an Artificial Hydrophobic Cavity. <i>Journal of the American Chemical Society</i> , 2010, 132, 5564-5565.	6.6	38
17	Selective Co-Encapsulation Inside an $M_6L_4$ Cage. <i>Chemistry - A European Journal</i> , 2016, 22, 15468-15474.	1.7	38
18	Synthetic $\beta^2$ -Barrel by Metal-Induced Folding and Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 8644-8647.	6.6	33

#	ARTICLE	IF	CITATIONS
19	Metalâ€‘Peptide Nonafoil Knots and Decafoil Supercoils. Journal of the American Chemical Society, 2021, 143, 16734-16739.	6.6	33
20	Xâ€‘ray Crystallographic Observation of Chiral Transformations within a Metalâ€‘Peptide Pore. Angewandte Chemie - International Edition, 2020, 59, 20367-20370.	7.2	31
21	Porous Peptide Complexes by a Folding&#x2013;Assembly Strategy. Chemistry - an Asian Journal, 2017, 12, 1715-1718.	1.7	30
22	Capsule&#x2013;Capsule Conversion by Guest Encapsulation. Angewandte Chemie, 2016, 128, 2103-2106.	1.6	29
23	Orderly Entangled Nanostructures of Metalâ€‘Peptide Strands. Bulletin of the Chemical Society of Japan, 2021, 94, 2342-2350.	2.0	29
24	Capsule-bowl conversion triggered by a guest reaction. Chemical Communications, 2016, 52, 11653-11656.	2.2	26
25	Peptide [4]Catenane by Folding and Assembly. Angewandte Chemie, 2016, 128, 4595-4598.	1.6	17
26	Corannulen komprimiert in einem molekularen K&#x2013;fig. Angewandte Chemie, 2016, 128, 1587-1590.	1.6	16
27	Self-assembly of a Peptide [2]Catenane through &#x2013;Loop Folding. Chemistry Letters, 2017, 46, 1119-1121.	0.7	16
28	Parallel and antiparallel peptide double &#x2013;helices controlled by metal&#x2013;induced folding and assembly. Natural Sciences, 2021, 1, e10008.	1.0	12
29	Xâ€‘ray Crystallographic Observation of Chiral Transformations within a Metalâ€‘Peptide Pore. Angewandte Chemie, 2020, 132, 20547-20550.	1.6	9
30	Triple photochemical domino reaction of a tetrafluorostilbene terminating in double fluorine atom transfer. Communications Chemistry, 2018, 1, .	2.0	8