

# Hiroaki Taguchi

## List of Publications by Year in descending order

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14  
papers

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citations

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docs citations

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times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding and characterizing a catalytic antibody light chain, H34, capable of degrading the PD-1 molecule. RSC Chemical Biology, 2021, 2, 220-229.	4.1	7
2	A new algorithm to convert a normal antibody into the corresponding catalytic antibody. Science Advances, 2020, 6, eaay6441.	10.3	6
3	Effects of Physical Damage in the Intermediate Phase on the Progression of Amyloid $\beta$ Fibrillization. Chemistry - an Asian Journal, 2019, 14, 4140-4145.	3.3	9
4	Identification of the minimal region of peptide derived from ADP-ribosylation factor1 (ARF1) that inhibits IgE-mediated mast cell activation. Molecular Immunology, 2019, 105, 32-37.	2.2	4
5	A unique method for antibody to possess the catalytic function (3 rd report). FASEB Journal, 2018, 32, lb77.	0.5	0
6	Role of the constant region domain in the structural diversity of human antibody light chains. FASEB Journal, 2017, 31, 1668-1677.	0.5	9
7	Development of an activity-based probe for amyloid $\beta$ -hydrolyzing antibodies. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2210-2213.	2.2	1
8	6-(4-Amino-2-butyl-imidazoquinolyl)-norleucine: Toll-like receptor 7 and 8 agonist amino acid for self-adjuvanting peptide vaccine. Amino Acids, 2016, 48, 1319-1329.	2.7	12
9	Overview and outlook of Toll-like receptor ligand-antigen conjugate vaccines. Therapeutic Delivery, 2012, 3, 749-760.	2.2	45
10	Autoantibody-catalyzed Hydrolysis of Amyloid $\beta$ Peptide. Journal of Biological Chemistry, 2008, 283, 4714-4722.	3.4	70
11	Naturally Occurring Proteolytic Antibodies. Journal of Biological Chemistry, 2004, 279, 39611-39619.	3.4	77
12	Covalent reactivity of phosphonate monophenyl esters with serine proteinases: an overlooked feature of presumed transition state analogs. Archives of Biochemistry and Biophysics, 2002, 402, 281-288.	3.0	25
13	A mechanism-based probe for gp120-Hydrolyzing antibodies. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 3167-3170.	2.2	14
14	Phosphonate Ester Probes for Proteolytic Antibodies. Journal of Biological Chemistry, 2001, 276, 28314-28320.	3.4	60