

# Yoshihiro Takeda

## List of Publications by Year in descending order

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21  
papers

2,737  
citations

840119

11  
h-index

839053

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and Size Control of Silver Nanoparticles by Laser Ablation in Aqueous Solution. Journal of Physical Chemistry B, 2000, 104, 9111-9117.	1.2	760
2	Formation of Gold Nanoparticles by Laser Ablation in Aqueous Solution of Surfactant. Journal of Physical Chemistry B, 2001, 105, 5114-5120.	1.2	581
3	Structure and Stability of Silver Nanoparticles in Aqueous Solution Produced by Laser Ablation. Journal of Physical Chemistry B, 2000, 104, 8333-8337.	1.2	490
4	Full Physical Preparation of Size-Selected Gold Nanoparticles in Solution: Laser Ablation and Laser-Induced Size Control. Journal of Physical Chemistry B, 2002, 106, 7575-7577.	1.2	262
5	Dissociation and Aggregation of Gold Nanoparticles under Laser Irradiation. Journal of Physical Chemistry B, 2001, 105, 9050-9056.	1.2	201
6	Formation of Gold Nanonetworks and Small Gold Nanoparticles by Irradiation of Intense Pulsed Laser onto Gold Nanoparticles. Journal of Physical Chemistry B, 2003, 107, 12589-12596.	1.2	150
7	Growth of Gold Clusters into Nanoparticles in a Solution Following Laser-Induced Fragmentation. Journal of Physical Chemistry B, 2002, 106, 8555-8561.	1.2	129
8	Degradation of Protein in Nanoplasma Generated around Gold Nanoparticles in Solution by Laser Irradiation. Journal of Physical Chemistry B, 2006, 110, 2393-2397.	1.2	39
9	Selective Degradation of Proteins by Laser Irradiation onto Gold Nanoparticles in Solution. Journal of Physical Chemistry C, 2009, 113, 5027-5030.	1.5	27
10	Formation of wide bandgap cerium oxide nanoparticles by laser ablation in aqueous solution. Chemical Physics Letters, 2014, 599, 110-115.	1.2	27
11	Self-assembly of gold nanoparticles in protein crystal. Chemical Physics Letters, 2011, 504, 175-179.	1.2	12
12	Formation of Au(III)-DNA Coordinate Complex by Laser Ablation of Au Nanoparticles in Solution. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 1215-1225.	0.4	11
13	Hybridization of ssDNA with a Complementary DNA Probe Tethered to a Gold Nanoparticle Effect of Steric Hindrance Caused by Conformation. Journal of Physical Chemistry C, 2008, 112, 89-94.	1.5	11
14	Selective decomposition of nucleic acids by laser irradiation on probe-tethered gold nanoparticles in solution. Physical Chemistry Chemical Physics, 2011, 13, 586-592.	1.3	11
15	Induction of protein crystallization by platinum nanoparticles. Chemical Physics Letters, 2016, 647, 181-184.	1.2	8
16	Self-assembly of positively charged platinum nanoparticles in lysozyme crystal. Chemical Physics Letters, 2014, 604, 110-115.	1.2	6
17	Manipulation of protein crystals using a magnetic field by assembling Fe <sub>x</sub> O <sub>y</sub> nanoparticles. Bioinspired, Biomimetic and Nanobiomaterials, 0, , 1-7.	0.7	5
18	Formation of Vanadium Nanoparticles by Laser Ablation in Reductive Aqueous Solution. Chemistry Letters, 2021, 50, 1296-1300.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Metal clusters trapped on opaque substrate particles prepared using pulsed laser ablation in liquid. Japanese Journal of Applied Physics, 2022, 61, 075002.	0.8	3
20	Entropy production mapping on stretched DNA interacted with proteins. Journal of Biotechnology, 2004, 114, 47-53.	1.9	0
21	Formation of Nanoparticles by Laser Ablation in Solution. The Review of Laser Engineering, 2012, 40, 77.	0.0	0