Takuhei Yamamoto

List of Publications by Year
in descending order

17 papers	396 citations	1478505 6 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	655 citing authors

#	Article	IF	Citations
1	Title is missing!. Journal of Materials Chemistry, 2001, 11, 3222-3227.	6.7	161
2	Solvothermal syntheses of semiconductor photocatalysts of ultra-high activities. Catalysis Today, 2003, 84, 181-189.	4.4	74
3	Neighboring Amide Participation in Thioether Oxidation: Relevance to Biological Oxidation. Journal of the American Chemical Society, 2009, 131, 13791-13805.	13.7	47
4	Intramolecular Electron Transfer in Bipyridinium Disulfides. Journal of the American Chemical Society, 2014, 136, 4012-4018.	13.7	40
5	Neighboring Pyrrolidine Amide Participation in Thioether Oxidation. Methionine as a â€œHoppingâ€•Site. Organic Letters, 2011, 13, 2837-2839.	4.6	23
6	Positional determination of the carbonâ€“carbon double bonds in unsaturated fatty acids mediated by solvent plasmatization using LCâ€“MS. Scientific Reports, 2020, 10, 12988.	3.3	15
7	Spectroscopic Evidence for Through-Space Areneâ€“Sulfurâ€“Arene Bonding Interaction in m-Terphenyl Thioether Radical Cations. Journal of Physical Chemistry A, 2015, 119, 12990-12998.	2.5	6
8	Suzukiâ€“Miyaura synthesis of m-terphenyl thioethers and their facilitated oxidation caused by through-space Ï€â‹¯Sâ‹¯Ï€ interaction. Tetrahedron, 2016, 72, 2527-2534.	1.9	6
9	Neighboring Ï€-Amide Participation in Thioether Oxidation: Conformational Control. Organic Letters, 2016, 18, 3522-3525.	4.6	4
10	Feasibility of Trypsin Digestion as a Sample Preparation for Daptomycin Quantification in Murine Skeletal Muscles. Biological and Pharmaceutical Bulletin, 2019, 42, 751-757.	1.4	4
11	Highly Sensitive Fluorescence Detection of Daptomycin in Murine Samples through Derivatization with 2,3-Naphthalenedialdehyde. Analytical Sciences, 2020, 36, 1285-1288.	1.6	4
12	Evaluation of Type-A Endonucleases for the Quantitative Analysis of DNA Damage due to Exposure to Acetaldehyde Using Capillary Electrophoresis. Analytical Sciences, 2018, 34, 901-906.	1.6	3
13	Preparation of N²-Ethyl-2â€²-deoxyguanosine-d₄ as an Internal Standard for the Electrospray Ionizationâ€“Tandem Mass Spectrometric Determination of DNA Damage by Acetaldehyde. Analytical Sciences, 2020, 36, 877-880.	1.6	3
14	Synthesis and rotation barriers in 2, 6â€Diâ€(oâ€anisyl) anisole. Journal of Physical Organic Chemistry, 2012, 25, 878-882.	1.9	2
15	Effect of High Blood Glucose Level on the Antimicrobial Activity of Daptomycin against Staphylococcus aureus in Streptozotocin-Induced Diabetic Mice. Japanese Journal of Infectious Diseases, 2020, 73, 205-209.	1.2	2
16	Neighboring amide participation in the Fenton oxidation of a sulfide to sulfoxide, vinyl sulfide and ketone relevant to oxidation of methionine thioether side chains in peptides. Tetrahedron, 2016, 72, 7770-7789.	1.9	1
17	Development of a Capillary Zone Electrophoresis Method for the Analysis of Four Extracellular Matrices Commonly Found in Foods with Functional Claims. Chromatography, 2020, 41, 45-49.	1.7	1