Tatsushi Nakayama

List of Publications by Year in Descending Order

16 papers	197 citations	7 h-index	13 g-index
22 ext. papers	241 ext. citations	3.4 avg, IF	3.26 L-index

#	Paper	IF	Citations
16	Electrochemical and Mechanistic Study of Superoxide Scavenging by Pyrogallol in N,N-Dimethylformamide through Proton-Coupled Electron Transfer. *Electrochem*, **2022**, 3, 115-128	2.9	2
15	Electrochemical and Mechanistic Study of Superoxide Elimination by Mesalazine through Proton-Coupled Electron Transfer. *Pharmaceuticals*, **2021**, 14,	5.2	3
14	Electrochemical and Mechanistic Study of Oxidative Degradation of Favipiravir by Electrogenerated Superoxide through Proton-Coupled Electron Transfer. *ACS Omega*, **2021**, 6, 21730-21740	3.9	4
13	Electrochemical and Mechanistic Study of Reactivities of □,□,□ and □Tocopherol toward Electrogenerated Superoxide in ,-Dimethylformamide through Proton-Coupled Electron Transfer.. *Antioxidants*, **2021**, 11,	7.1	2
12	Complementary Effect of Intra- and Intermolecular Hydrogen Bonds on Electron Transfer in □Hydroxy-Anthraquinone Derivatives. *Journal of Physical Chemistry B*, **2020**, 124, 848-860	3.4	5
11	Study on Redox Properties and Cytotoxicity of Anthraquinone Derivatives to Understand Antitumor Active Anthracycline Substances. *Chemical and Pharmaceutical Bulletin*, **2019**, 67, 717-720	1.9	4
10	Down-regulation of aquaporin 9 gene transcription by 10-hydroxy-2-decenoic acid: A major fatty acid in royal jelly. *Food Science and Nutrition*, **2019**, 7, 3819-3826	3.2	3
9	PTBP1-associated microRNA-1 and -133b suppress the Warburg effect in colorectal tumors. *Oncotarget*, **2016**, 7, 18940-52	3.3	50
8	Anti-Oncogenic gem-Dihydroperoxides Induce Apoptosis in Cancer Cells by Trapping Reactive Oxygen Species. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	6
7	Concerted two-proton□oupled electron transfer from catechols to superoxide via hydrogen bonds. *Electrochimica Acta*, **2016**, 208, 304-309	6.7	17
6	Importance of Proton-Coupled Electron Transfer from Natural Phenolic Compounds in Superoxide Scavenging. *Chemical and Pharmaceutical Bulletin*, **2015**, 63, 967-73	1.9	29
5	Aerobic Photooxidative Carbon□arbon Bond Formation Between Tertiary Amines and Carbon Nucleophiles Using 2-Chloroanthra-9,10-quinone. *Synlett*, **2014**, 25, 1453-1457	2.2	21
4	Formal redox potentials of organic molecules in ionic liquids on the basis of quaternary nitrogen cations as adiabatic electron affinities. *Journal of Physical Chemistry B*, **2013**, 117, 10834-45	3.4	9
3	Mechanistic study on the electrochemical reduction of 9,10-anthraquinone in the presence of hydrogen-bond and proton donating additives. *Analytical Sciences*, **2012**, 28, 257-65	1.7	19
2	Oxidation of Guanosine to the Imidazolone Derivative via Proton-coupled Electron Transfer to Hydroperoxy Radical Derived from Superoxide. *Chemistry Letters*, **2011**, 40, 268-269	1.7	3
1	Quinone□Hydroquinone □Conjugated Redox Reaction Involving Proton-coupled Electron Transfer Plays an Important Role in Scavenging Superoxide by Polyphenolic Antioxidants. *Chemistry Letters*, **2010**, 39, 162-164	1.7	19