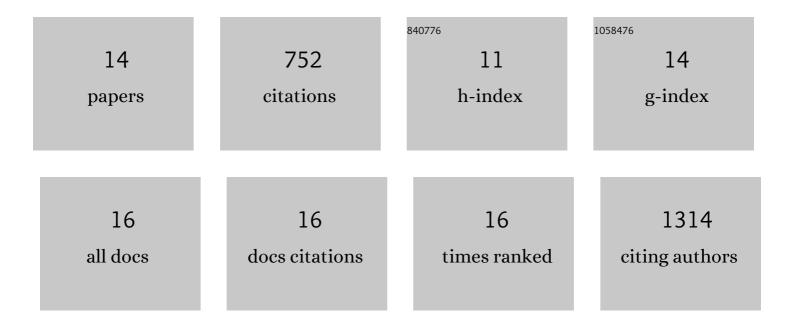
## Martin Volk

List of Publications by Year in descending order

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MADTIN VOLK

#	Article	IF	CITATIONS
1	The detection sensitivity of commonly used singlet oxygen probes in aqueous environments. Journal of Photochemistry and Photobiology B: Biology, 2020, 204, 111787.	3.8	232
2	Singlet Oxygen Generation by Laser Irradiation of Gold Nanoparticles. Journal of Physical Chemistry C, 2016, 120, 10647-10657.	3.1	101
3	Efficient Asymmetric Epoxidation of α,β-Unsaturated Ketones Using a Soluble Triblock Polyethylene Glycolâ~'Polyamino Acid Catalyst. Organic Letters, 2001, 3, 683-686.	4.6	86
4	High-Resolution Sizing of Monolayer-Protected Gold Clusters by Differential Centrifugal Sedimentation. ACS Nano, 2013, 7, 8881-8890.	14.6	71
5	Characterizing Self-Assembled Monolayers on Gold Nanoparticles. Bioconjugate Chemistry, 2017, 28, 11-22.	3.6	71
6	Sensitive Analysis of Protein Adsorption to Colloidal Gold by Differential Centrifugal Sedimentation. Analytical Chemistry, 2017, 89, 6807-6814.	6.5	48
7	Fast Initiation of Peptide and Protein Folding Processes. European Journal of Organic Chemistry, 2001, 2001, 2605-2621.	2.4	34
8	Fast folding dynamics of an Î $\pm$ -helical peptide with bulky side chains. Physical Chemistry Chemical Physics, 2004, 6, 1022-1030.	2.8	33
9	The roughness of the protein energy landscape results in anomalous diffusion of the polypeptide backbone. Physical Chemistry Chemical Physics, 2015, 17, 762-782.	2.8	27
10	Computational and Experimental Investigation of the Structure of Peptide Monolayers on Gold Nanoparticles. Langmuir, 2017, 33, 438-449.	3.5	25
11	Stabilization of Insulin by Adsorption on a Hydrophobic Silane Self-Assembled Monolayer. Langmuir, 2015, 31, 8892-8900.	3.5	17
12	Comment on "Transient Anisotropy and Fragment Rotational Excitation in the Femtosecond Photodissociation of Triiodide in Solution― Journal of Physical Chemistry A, 1999, 103, 5621-5622.	2.5	5
13	Fast Initiation of Peptide and Protein Folding Processes. European Journal of Organic Chemistry, 2001, 2001, 2605-2621.	2.4	1
14	lmaging of Nanoscale Gold in "Intact―Biological Cells by Environmental Electron Microscopy. Journal of Physical Chemistry C, 2021, 125, 27865-27875.	3.1	0