

# Tin Weitner

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

757  
citations

567247

15  
h-index

526264

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Mechanism of Action, Bioavailability and Therapeutic Effects of Mn Porphyrin-Based Redox Modulators. <i>Medical Principles and Practice</i> , 2013, 22, 103-130.	2.4	81
2	A comprehensive evaluation of catalase-like activity of different classes of redox-active therapeutics. <i>Free Radical Biology and Medicine</i> , 2015, 86, 308-321.	2.9	71
3	Novel Manganese-Porphyrin Superoxide Dismutase-Mimetic Widens the Therapeutic Margin in a Preclinical Head and Neck Cancer Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 892-900.	0.8	61
4	Differential Coordination Demands in Fe versus Mn Water-Soluble Cationic Metalloporphyrins Translate into Remarkably Different Aqueous Redox Chemistry and Biology. <i>Inorganic Chemistry</i> , 2013, 52, 5677-5691.	4.0	60
5	Radioprotection of the Brain White Matter by Mn(III) <i>N</i> -Butoxyethylpyridylporphyrin-Based Superoxide Dismutase Mimic MnTnBuOE-2-PyP5+. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 70-79.	4.1	60
6	Comprehensive pharmacokinetic studies and oral bioavailability of two Mn porphyrin-based SOD mimics, MnTE-2-PyP5+ and MnTnHex-2-PyP5+. <i>Free Radical Biology and Medicine</i> , 2013, 58, 73-80.	2.9	51
7	Rational Design of Superoxide Dismutase (SOD) Mimics: The Evaluation of the Therapeutic Potential of New Cationic Mn Porphyrins with Linear and Cyclic Substituents. <i>Inorganic Chemistry</i> , 2014, 53, 11467-11483.	4.0	43
8	CNS bioavailability and radiation protection of normal hippocampal neurogenesis by a lipophilic Mn porphyrin-based superoxide dismutase mimic, MnTnBuOE-2-PyP5+. <i>Redox Biology</i> , 2017, 12, 864-871.	9.0	32
9	Spectrophotometric Determination of Malondialdehyde in Urine Suitable for Epidemiological Studies. <i>Croatica Chemica Acta</i> , 2016, 89, 133-139.	0.4	26
10	Inner Filter Effect Correction for Fluorescence Measurements in Microplates Using Variable Vertical Axis Focus. <i>Analytical Chemistry</i> , 2022, 94, 7107-7114.	6.5	26
11	Manganese-Based Superoxide Dismutase Mimics Modify Both Acute and Long-Term Outcome Severity in a <i>Drosophila melanogaster</i> Model of Classic Galactosemia. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2361-2371.	5.4	25
12	Solvent effects on the absorption and fluorescence spectra of Zaleplon: Determination of ground and excited state dipole moments. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 212, 356-362.	3.9	24
13	Thermal stability of the prototypical Mn porphyrin-based superoxide dismutase mimic and potent oxidative-stress redox modulator Mn(III) meso-tetrakis( <i>N</i> -ethylpyridinium-2-yl)porphyrin chloride, MnTE-2-PyP5+. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 73, 29-34.	2.8	21
14	Acid-base and electrochemical properties of manganese meso(ortho- and meta-N-ethyl)porphyrins: study of protolytic and redox equilibria. <i>Dalton Transactions</i> , 2010, 39, 11568.	3.3	19
15	Acid-base and electrochemical properties of manganese meso(ortho- and meta-N-ethyl)porphyrins: equilibria. <i>Dalton Transactions</i> , 2013, 42, 14757.	3.3	18
16	Structural and electronic determinants of flavonoid binding to human serum albumin: an extensive ligand-based study. <i>RSC Advances</i> , 2016, 6, 75014-75022.	3.6	15
17	A Simple Three-Step Method for Design and Affinity Testing of New Antisense Peptides: An Example of Erythropoietin. <i>International Journal of Molecular Sciences</i> , 2014, 15, 9209-9223.	4.1	13
18	Interaction of silver nanoparticles with plasma transport proteins: A systematic study on impacts of particle size, shape and surface functionalization. <i>Chemico-Biological Interactions</i> , 2021, 335, 109364.	4.0	13

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19	Stability and Structure of Inclusion Complexes of Zaleplon with Natural and Modified Cyclodextrins. <i>Croatica Chemica Acta</i> , 2011, 84, 169-178.	0.4	12
20	Interaction of $\hat{\pm}$ -Melanocortin and Its Pentapeptide Antisense LVKAT: Effects on Hepatoprotection in Male CBA Mice. <i>Molecules</i> , 2011, 16, 7331-7343.	3.8	11
21	Thermodynamics and electrochemistry of manganese <i>ortho</i> -tetrakis( <i>N</i> - <i>n</i> -butylpyridinium-2-yl)porphyrin in aqueous solutions. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2750-2765.	2.2	8
22	Acido-Base Behavior of Hydroxamic Acids: Experimental and Ab Initio Studies on Hydroxyureas. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11756-11768.	2.5	7
23	Low-pressure chromatographic separation and UV/Vis spectrophotometric characterization of the native and desialylated human apo-transferrin. <i>Heliyon</i> , 2021, 7, e08030.	3.2	7
24	Comprehensive Pharmacokinetic Studies and Biodistribution of Two Cationic Mn Porphyrin-Based Catalysts, MnTE-2-PyP5+ and MnTnHex-2-PyP5+: Plasma and Organ Oral Availability, Mitochondrial, Cytosolic, Whole Brain, Hippocampus and Cortex Distribution. <i>Free Radical Biology and Medicine</i> , 2012, 53, S118.	2.9	6
25	Hepatoprotective Effects of Met-enkephalin on Acetaminophen-Induced Liver Lesions in Male CBA Mice. <i>Molecules</i> , 2014, 19, 11833-11845.	3.8	5
26	Formation of free radicals during the oxidation of N-methylhydroxyurea with dioxovanadium(V) ions. <i>Tetrahedron Letters</i> , 2007, 48, 9021-9024.	1.4	4
27	Thermodynamic study of inclusion complexes of zaleplon with natural and modified cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 79, 391-400.	1.6	3
28	Fe porphyrins Revisited: Synthesis, Characterization and the Effects of Ortho and Meta Fe(III) N-Alkylpyridylporphyrins Upon the Growth of E. Coli in the Presence and Absence of Ascorbate. <i>Free Radical Biology and Medicine</i> , 2011, 51, S99.	2.9	2
29	Kinetics and Mechanism of Oxidation of Hydroxyurea Derivatives with Hexacyanoferrate(III) in Aqueous Solution. <i>Croatica Chemica Acta</i> , 2011, 84, 133-147.	0.4	2
30	Thermal analysis of N-carbamoyl benzotriazole derivatives. <i>Acta Pharmaceutica</i> , 2015, 65, 207-213.	2.0	2