

Ines Batinic-Haberle

List of Publications by Year in descending order

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110
papers

6,041
citations

66343

42
h-index

74163

75
g-index

119
all docs

119
docs citations

119
times ranked

4644
citing authors

#	ARTICLE	IF	CITATIONS
1	Superoxide Dismutase Mimics: Chemistry, Pharmacology, and Therapeutic Potential. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 877-918.	5.4	460
2	Manganese superoxide dismutase, MnSOD and its mimics. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 794-814.	3.8	312
3	Relationship among Redox Potentials, Proton Dissociation Constants of Pyrrolic Nitrogens, and in Vivo and in Vitro Superoxide Dismutating Activities of Manganese(III) and Iron(III) Water-Soluble Porphyrins. <i>Inorganic Chemistry</i> , 1999, 38, 4011-4022.	4.0	251
4	The Ortho Effect Makes Manganese(III)Meso-Tetrakis(N-Methylpyridinium-2-yl)Porphyrin a Powerful and Potentially Useful Superoxide Dismutase Mimic. <i>Journal of Biological Chemistry</i> , 1998, 273, 24521-24528.	3.4	243
5	SOD Therapeutics: Latest Insights into Their Structure-Activity Relationships and Impact on the Cellular Redox-Based Signaling Pathways. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2372-2415.	5.4	194
6	A Metalloporphyrin-Based Superoxide Dismutase Mimic Inhibits Adoptive Transfer of Autoimmune Diabetes by a Diabetogenic T-Cell Clone. <i>Diabetes</i> , 2002, 51, 347-355.	0.6	181
7	Catalytic Scavenging of Peroxynitrite by Isomeric Mn(III) <i>N</i> -Methylpyridylporphyrins in the Presence of Reductants. <i>Chemical Research in Toxicology</i> , 1999, 12, 442-449.	3.3	155
8	Reactions of Manganese Porphyrins with Peroxynitrite and Carbonate Radical Anion. <i>Journal of Biological Chemistry</i> , 2003, 278, 27432-27438.	3.4	155
9	An educational overview of the chemistry, biochemistry and therapeutic aspects of Mn porphyrins " From superoxide dismutation to H ₂ O ₂ -driven pathways. <i>Redox Biology</i> , 2015, 5, 43-65.	9.0	136
10	A Potent Superoxide Dismutase Mimic: Manganese $\hat{2}$ -Octabromo-meso-tetrakis-(N-methylpyridinium- 4-yl) Porphyrin. <i>Archives of Biochemistry and Biophysics</i> , 1997, 343, 225-233.	3.0	131
11	New class of potent catalysts of O ₂ ^{•-} dismutation. Mn(ortho-methoxyethylpyridyl- and di-ortho-methoxyethylimidazolylporphyrins. <i>Dalton Transactions</i> , 2004, , 1696-1702.	3.3	126
12	Diverse functions of cationic Mn(III) N-substituted pyridylporphyrins, recognized as SOD mimics. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1035-1053.	2.9	122
13	Pure MnTBAP selectively scavenges peroxynitrite over superoxide: Comparison of pure and commercial MnTBAP samples to MnTE-2-PyP in two models of oxidative stress injury, an SOD-specific <i>Escherichia coli</i> model and carrageenan-induced pleurisy. <i>Free Radical Biology and Medicine</i> , 2009, 46, 192-201.	2.9	119
14	Manganese(III) meso-tetrakis(ortho-N-alkylpyridyl)porphyrins. Synthesis, characterization, and catalysis of O ₂ ^{•-} dismutation. <i>Dalton Transactions RSC</i> , 2002, , 2689.	2.3	113
15	Mn porphyrin-based superoxide dismutase (SOD) mimic, MnIII TE-2-PyP ⁵⁺ , targets mouse heart mitochondria. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1193-1200.	2.9	103
16	Mn Porphyrin-Based Redox-Active Drugs: Differential Effects as Cancer Therapeutics and Protectors of Normal Tissue Against Oxidative Injury. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1691-1724.	5.4	102
17	Design of Mn porphyrins for treating oxidative stress injuries and their redox-based regulation of cellular transcriptional activities. <i>Amino Acids</i> , 2012, 42, 95-113.	2.7	97
18	<i>Cryptococcus neoformans</i> Mitochondrial Superoxide Dismutase: an Essential Link between Antioxidant Function and High-Temperature Growth. <i>Eukaryotic Cell</i> , 2005, 4, 46-54.	3.4	95

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19	Antiangiogenic action of redox-modulating Mn(III) meso-tetrakis(N-ethylpyridinium-2-yl)porphyrin, MnTE-2-PyP5+, via suppression of oxidative stress in a mouse model of breast tumor. <i>Free Radical Biology and Medicine</i> , 2009, 47, 992-1004.	2.9	90
20	Pure manganese(III) 5,10,15,20-tetrakis(4-benzoic acid)porphyrin (MnTBAP) is not a superoxide dismutase mimic in aqueous systems: a case of structure–activity relationship as a watchdog mechanism in experimental therapeutics and biology. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 289-302.	2.6	89
21	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
22	Effect of Molecular Characteristics on Cellular Uptake, Subcellular Localization, and Phototoxicity of Zn(II) N-Alkylpyridylporphyrins. <i>Journal of Biological Chemistry</i> , 2013, 288, 36579-36588.	3.4	77
23	Mn(III) meso-tetrakis(N-ethylpyridinium-2-yl) porphyrin mitigates total body irradiation-induced long-term bone marrow suppression. <i>Free Radical Biology and Medicine</i> , 2011, 51, 30-37.	2.9	73
24	Syntheses and Superoxide Dismuting Activities of Partially (1- ⁴) -Chlorinated Derivatives of Manganese(III) meso-Tetrakis(N-ethylpyridinium-2-yl)porphyrin. <i>Inorganic Chemistry</i> , 1999, 38, 391-396.	4.0	71
25	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
26	A new SOD mimic, Mn(III) ortho N-butoxyethylpyridylporphyrin, combines superb potency and lipophilicity with low toxicity. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1828-1834.	2.9	70
27	Manganese Porphyrin, MnTE-2-PyP5+, Acts as a Pro-Oxidant to Potentiate Glucocorticoid-Induced Apoptosis in Lymphoma Cells. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1272-1284.	2.9	68
28	Radioprotective effects of manganese-containing superoxide dismutase mimics on ataxia–telangiectasia cells. <i>Free Radical Biology and Medicine</i> , 2009, 47, 250-260.	2.9	65
29	Manganese porphyrins and related compounds as mimics of superoxide dismutase. <i>Methods in Enzymology</i> , 2002, 349, 223-233.	1.0	64
30	Mn porphyrin in combination with ascorbate acts as a pro-oxidant and mediates caspase-independent cancer cell death. <i>Free Radical Biology and Medicine</i> , 2014, 68, 302-314.	2.9	64
31	NADPH oxidase inhibition attenuates total body irradiation-induced haematopoietic genomic instability. <i>Mutagenesis</i> , 2011, 26, 431-435.	2.6	62
32	Pharmacokinetics of the potent redox-modulating manganese porphyrin, MnTE-2-PyP5+, in plasma and major organs of B6C3F1 mice. <i>Free Radical Biology and Medicine</i> , 2008, 45, 943-949.	2.9	61
33	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
34	Neuroprotective Efficacy from a Lipophilic Redox-Modulating Mn(III) N-Hexylpyridylporphyrin, MnTnHex-2-PyP: Rodent Models of Ischemic Stroke and Subarachnoid Hemorrhage. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 906-916.	2.5	60
35	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
36	Radioprotection of the Brain White Matter by Mn(III) N-Butoxyethylpyridylporphyrin–Based Superoxide Dismutase Mimic MnTnBuOE-2-PyP5+. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 70-79.	4.1	60

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37	Thiol regulation by Mn porphyrins, commonly known as SOD mimics. <i>Redox Biology</i> , 2019, 25, 101139.	9.0	60
38	Anticancer therapeutic potential of Mn porphyrin/ascorbate system. <i>Free Radical Biology and Medicine</i> , 2015, 89, 1231-1247.	2.9	56
39	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
40	Long-term neuroprotection from a potent redox-modulating metalloporphyrin in the rat. <i>Free Radical Biology and Medicine</i> , 2009, 47, 917-923.	2.9	48
41	SOD-like activity of Mn(II) $\hat{\Gamma}^2$ -octabromo-meso-tetrakis(N-methylpyridinium-3-yl)porphyrin equals that of the enzyme itself. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 105-112.	3.0	46
42	Manganese (III) meso-tetrakis N-ethylpyridinium-2-yl porphyrin acts as a pro-oxidant to inhibit electron transport chain proteins, modulate bioenergetics, and enhance the response to chemotherapy in lymphoma cells. <i>Free Radical Biology and Medicine</i> , 2015, 83, 89-100.	2.9	44
43	Important cellular targets for antimicrobial photodynamic therapy. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7679-7688.	3.6	44
44	Amelioration of Renal Ischemia-Reperfusion Injury With a Novel Protective Cocktail. <i>Journal of Urology</i> , 2011, 186, 2448-2454.	0.4	43
45	Mitochondrial ROS cause motor deficits induced by synaptic inactivity: Implications for synapse pruning. <i>Redox Biology</i> , 2018, 16, 344-351.	9.0	43
46	Sublethal Photodynamic Treatment Does Not Lead to Development of Resistance. <i>Frontiers in Microbiology</i> , 2018, 9, 1699.	3.5	42
47	Novel role of 4-hydroxy-2-nonenal in AIFm2-mediated mitochondrial stress signaling. <i>Free Radical Biology and Medicine</i> , 2016, 91, 68-80.	2.9	41
48	Optimizing Zn porphyrin-based photosensitizers for efficient antibacterial photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 17, 154-159.	2.6	38
49	A Combination of Two Antioxidants (An SOD Mimic and Ascorbate) Produces a Pro-Oxidative Effect Forcing Escherichia coli to Adapt Via Induction of oxyR Regulon. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011, 11, 329-340.	1.7	37
50	The manganese(III) porphyrin MnTnHex-2-PyP5+ modulates intracellular ROS and breast cancer cell migration: Impact on doxorubicin-treated cells. <i>Redox Biology</i> , 2019, 20, 367-378.	9.0	37
51	Tetrahydrobiopterin rapidly reduces the SOD mimic Mn(III) ortho -tetrakis (N) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td (-eth	2.9	36
52	New approach to the activation of anti-cancer pro-drugs by metalloporphyrin-based cytochrome P450 mimics in all-aqueous biologically relevant system. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1897-1902.	3.5	35
53	Targeting Mitochondria by Zn(II)N-Alkylpyridylporphyrins: The Impact of Compound Sub-Mitochondrial Partition on Cell Respiration and Overall Photodynamic Efficacy. <i>PLoS ONE</i> , 2014, 9, e108238.	2.5	33
54	Amphiphilic cationic Zn-porphyrins with high photodynamic antimicrobial activity. <i>Future Microbiology</i> , 2015, 10, 709-724.	2.0	33

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55	MnSOD is implicated in accelerated wound healing upon Negative Pressure Wound Therapy (NPWT): A case in point for MnSOD mimetics as adjuvants for wound management. <i>Redox Biology</i> , 2019, 20, 307-320.	9.0	33
56	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
57	Whole thorax irradiation of non-human primates induces persistent nuclear damage and gene expression changes in peripheral blood cells. <i>PLoS ONE</i> , 2018, 13, e0191402.	2.5	32
58	Radiation-Mediated Tumor Growth Inhibition Is Significantly Enhanced with Redox-Active Compounds That Cycle with Ascorbate. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1196-1214.	5.4	30
59	Post-Irradiation Treatment with a Superoxide Dismutase Mimic, MnTnHex-2-PyP5+, Mitigates Radiation Injury in the Lungs of Non-Human Primates after Whole-Thorax Exposure to Ionizing Radiation. <i>Antioxidants</i> , 2018, 7, 40.	5.1	30
60	H2O2-Driven Anticancer Activity of Mn Porphyrins and the Underlying Molecular Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-23.	4.0	30
61	Mechanism of the Antitumor and Radiosensitizing Effects of a Manganese Porphyrin, MnHex-2-PyP. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 1067-1082.	5.4	29
62	Utilizing Superoxide Dismutase Mimetics to Enhance Radiation Therapy Response While Protecting Normal Tissues. <i>Seminars in Radiation Oncology</i> , 2019, 29, 72-80.	2.2	29
63	Second-Sphere Coordination of Ferrioxamine B and Association of Deferriferrioxamine B, CH ₃ (CH ₂) ₄ NH ₃ ⁺ , NH ₄ ⁺ , K ⁺ , and Mg ²⁺ with Synthetic Crown Ethers and the Natural Ionophores Valinomycin and Nonactin in Chloroform. <i>Inorganic Chemistry</i> , 1996, 35, 2352-2359.	4.0	28
64	Electrospray mass spectrometry of isomeric tetrakis(N-alkylpyridyl)porphyrins and their manganese(III) and iron(III) complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2000, 04, 217-227.	0.8	28
65	Superoxide dismutase mimic, MnTE-2-PyP5+ ameliorates acute and chronic proctitis following focal proton irradiation of the rat rectum. <i>Redox Biology</i> , 2013, 1, 599-607.	9.0	28
66	Complex Chemistry and Biology of Redox-Active Compounds, Commonly Known as SOD Mimics, Affect Their Therapeutic Effects. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2323-2325.	5.4	28
67	Redox-Active Mn Porphyrin-based Potent SOD Mimic, MnTnBuOE-2-PyP5+, Enhances Carboxolone-Mediated TRAIL-Induced Apoptosis in Glioblastoma Multiforme. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 140-155.	5.6	28
68	Robust rat pulmonary radioprotection by a lipophilic Mn N-alkylpyridylporphyrin, MnTnHex-2-PyP5+. <i>Redox Biology</i> , 2014, 2, 400-410.	9.0	27
69	Update on hypoxia-inducible factors and hydroxylases in oxygen regulatory pathways: from physiology to therapeutics. <i>Hypoxia (Auckland, N Z)</i> , 2017, Volume 5, 11-20.	1.9	26
70	Differences in Reperfusion-Induced Mitochondrial Oxidative Stress and Cell Death Between Hippocampal CA1 and CA3 Subfields Are Due to the Mitochondrial Thioredoxin System. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 534-549.	5.4	25
71	An SOD mimic protects NADP ⁺ -dependent isocitrate dehydrogenase against oxidative inactivation. <i>Free Radical Research</i> , 2008, 42, 618-624.	3.3	22
72	Evaluation of the compounds commonly known as superoxide dismutase and catalase mimics in cellular models. <i>Journal of Inorganic Biochemistry</i> , 2021, 219, 111431.	3.5	22

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73	Late administration of Mn porphyrin-based SOD mimic enhances diabetic complications. <i>Redox Biology</i> , 2013, 1, 457-466.	9.0	20
74	Challenges encountered during development of Mn porphyrin-based, potent redox-active drug and superoxide dismutase mimic, MnTnBuOE-2-PyP5+, and its alkoxyalkyl analogues. <i>Journal of Inorganic Biochemistry</i> , 2017, 169, 50-60.	3.5	18
75	Inhibition of the Continuum of Radiation-Induced Normal Tissue Injury by a Redox-Active Mn Porphyrin. <i>Radiation Research</i> , 2017, 188, 94.	1.5	18
76	Novel fluorinated Mn porphyrin as a powerful SOD mimic and catalyst for ascorbate-coupled anticancer therapy. <i>Free Radical Biology and Medicine</i> , 2017, 112, 36-37.	2.9	18
77	The SOD Mimic MnTnHex-2-PyP5+ Reduces the Viability and Migration of 786-O Human Renal Cancer Cells. <i>Antioxidants</i> , 2019, 8, 490.	5.1	18
78	Neurobehavioral radiation mitigation to standard brain cancer therapy regimens by Mn(III) <i>n</i> -butoxyethylpyridylporphyrin-based redox modifier. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 372-381.	2.2	17
79	Manganese Porphyrin-Based SOD Mimetics Produce Polysulfides from Hydrogen Sulfide. <i>Antioxidants</i> , 2019, 8, 639.	5.1	17
80	Porphyrin-Based SOD Mimic MnTnBuOE-2-PyP 5+ Inhibits Mechanisms of Aortic Valve Remodeling in Human and Murine Models of Aortic Valve Sclerosis. <i>Journal of the American Heart Association</i> , 2018, 7, e007861.	3.7	16
81	Disrupting the vicious cycle created by NOX activation in sickle erythrocytes exposed to hypoxia/reoxygenation prevents adhesion and vasoocclusion. <i>Redox Biology</i> , 2019, 25, 101097.	9.0	16
82	25 years of development of Mn porphyrins " from mimics of superoxide dismutase enzymes to thiol signaling to clinical trials: The story of our life in the USA. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 1326-1335.	0.8	16
83	Mn porphyrins as a novel treatment targeting sickle cell NOXs to reverse and prevent acute vaso-occlusion in vivo. <i>Blood Advances</i> , 2020, 4, 2372-2386.	5.2	16
84	INK4a/ARF Expression Impairs Neurogenesis in the Brain of Irradiated Mice. <i>Stem Cell Reports</i> , 2018, 10, 1721-1733.	4.8	15
85	UVB-induced inactivation of manganese-containing superoxide dismutase promotes mitophagy via ROS-mediated mTORC2 pathway activation. <i>Journal of Biological Chemistry</i> , 2019, 294, 6831-6842.	3.4	15
86	Differential localization and potency of manganese porphyrin superoxide dismutase-mimicking compounds in <i>Saccharomyces cerevisiae</i> . <i>Redox Biology</i> , 2014, 3, 1-6.	9.0	14
87	Mn Porphyrin-Based Redox-Active Therapeutics. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , 165-212.	0.4	14
88	Manganese porphyrin redox state in endothelial cells: Resonance Raman studies and implications for antioxidant protection towards peroxynitrite. <i>Free Radical Biology and Medicine</i> , 2018, 126, 379-392.	2.9	10
89	Antibacterial Activity of Synthetic Cationic Iron Porphyrins. <i>Antioxidants</i> , 2020, 9, 972.	5.1	10
90	Comprehensive Study of GPx Activity of Different Classes of Redox-Active Therapeutics - Implications for Their Therapeutic Actions. <i>Free Radical Biology and Medicine</i> , 2015, 87, S86-S87.	2.9	9

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91	Meso tetrakis ortho-, meta-, and para-N-alkylpyridinopor-phyrins: kinetics of copper(II) and zinc(II) incorporation and zinc porphyrin demetalation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003, 07, 139-146.	0.8	8
92	Fe Porphyrin-Based SOD Mimic and Redox-Active Compound, (OH)FeTnHex-2-PyP4+, in a Rodent Ischemic Stroke (MCAO) Model: Efficacy and Pharmacokinetics as Compared to Its Mn Analogue, (H2O)MnTnHex-2-PyP5+. <i>Antioxidants</i> , 2020, 9, 467.	5.1	8
93	Effects of Manganese Porphyrins on Cellular Sulfur Metabolism. <i>Molecules</i> , 2020, 25, 980.	3.8	8
94	Post-illumination cellular effects of photodynamic treatment. <i>PLoS ONE</i> , 2017, 12, e0188535.	2.5	8
95	The complex mechanistic aspects of redox-active compounds, commonly regarded as SOD mimics. <i>Bioinorganic Reaction Mechanisms</i> , 2013, 9, .	0.4	7
96	MnTnHex-2-PyP5+, Coupled to Radiation, Suppresses Metastasis of 4T1 and MDA-MB-231 Breast Cancer via AKT/Snail/EMT Pathways. <i>Antioxidants</i> , 2021, 10, 1769.	5.1	7
97	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
98	Rotenone-Induced 4-HNE Aggresome Formation and Degradation in HL-1 Cardiomyocytes: Role of Autophagy Flux. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4675.	4.1	6
99	Redox-Active Drug, MnTE-2-PyP5+, Prevents and Treats Cardiac Arrhythmias Preserving Heart Contractile Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	4.0	5
100	A Redoxable Mn Porphyrin, MnTnBuOE-2-PyP5+, Synergizes with Carboplatin in Treatment of Chemoresistant Ovarian Cell Line. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	4.0	5
101	Opinion on Schmidt et al.. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 518-524.	5.4	4
102	Manganese Porphyrin Promotes Post Cardiac Arrest Recovery in Mice and Rats. <i>Biology</i> , 2022, 11, 957.	2.8	3
103	Protection of rat prostate and erectile function from radiation-induced damage by novel Mn(III) N - substituted pyridylporphyrin and ascorbate. <i>Free Radical Biology and Medicine</i> , 2017, 112, 35-36.	2.9	2
104	Ortho Isomeric Mn(III) N-Alkyl- and Alkoxyalkylpyridylporphyrinsâ€™Enhancers of Hyaluronan Degradation Induced by Ascorbate and Cupric Ions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8608.	4.1	2
105	Manganese Porphyrin and Radiotherapy Improves Local Tumor Response and Overall Survival in Orthotopic Murine Mammary Carcinoma Models. <i>Radiation Research</i> , 2020, 195, 128-139.	1.5	2
106	ACTR-28. PHASE 1 DOSE ESCALATION TRIAL OF THE SAFETY OF BMX-001 CONCURRENT WITH RADIATION THERAPY AND TEMOZOLOMIDE IN NEWLY DIAGNOSED PATIENTS WITH HIGH-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi17-vi17.	1.2	1
107	Ascorbate-dependent and ascorbate-independent Mn porphyrin cytotoxicity: anticancer activity of Mn porphyrin-based SOD mimics through ascorbate-dependent and -independent routes. <i>Redox Report</i> , 2021, 26, 85-93.	4.5	1
108	25 years of development of Mn porphyrins â€™ from mimics of superoxide dismutase enzymes to thiol signaling to clinical trials: The story of our life in the USA. , 2021, , 197-206.		0

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109	Effects of alkyl chain length of Zn Nâ€alkylpyridylporphyrins on photoâ€mediated protein crosslinking. FASEB Journal, 2012, 26, 755.2.	0.5	0
110	BMX-HGG: Phase II trial of newly diagnosed high-grade glioma treated with concurrent radiation therapy, temozolomide, and BMX-001.. Journal of Clinical Oncology, 2020, 38, TPS2577-TPS2577.	1.6	0