

Antioxidant Activity of *trans*-Resveratrol toward
Radicals: A Quantum Chemical and Computational Kinetic

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Transfer reactions in chemistry. Theory and experiment. Pure and Applied Chemistry, 1997, 69, 13-30.	0.9	254
2	Theoretical and experimental exploration of the photochemistry of resveratrol: beyond the simple double bond isomerization. Organic and Biomolecular Chemistry, 2012, 10, 9175.	1.5	37
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4	DFT/B3LYP study of the substituent effects on the reaction enthalpies of the antioxidant mechanisms of Indole-3-Carbinol derivatives in the gas-phase and water. Computational and Theoretical Chemistry, 2012, 999, 34-42.	1.1	17
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6	Piceatannol, a better peroxy radical scavenger than resveratrol. RSC Advances, 2013, 3, 20209.	1.7	85
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8	Investigation of the antioxidant properties of hyperjovinol A through its Cu(II) coordination ability. Journal of Molecular Modeling, 2013, 19, 2127-2142.	0.8	45
9	Density functional study of the antioxidant activity of some recently synthesized resveratrol analogues. Food Chemistry, 2013, 141, 2017-2024.	4.2	57
10	Antioxidant properties of phenolic Schiff bases: structure-activity relationship and mechanism of action. Journal of Computer-Aided Molecular Design, 2013, 27, 951-964.	1.3	70
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12	Dose-Dependent Interaction of <i>trans</i> -Resveratrol with Biomembranes: Effects on Antioxidant Property. Journal of Medicinal Chemistry, 2013, 56, 970-981.	2.9	55
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14	Examination of the chemical behavior of the quercetin radical cation towards some bases. Physical Chemistry Chemical Physics, 2013, 15, 7370.	1.3	56
15	Understanding the Molecular Aspects of Tetrahydrocannabinol and Cannabidiol as Antioxidants. Molecules, 2013, 18, 12663-12674.	1.7	95
16	Resveratrol Sensitizes Selectively Thyroid Cancer Cell to 131-Iodine Toxicity. Journal of Toxicology, 2014, 2014, 1-5.	1.4	17
17	Immunomodulatory Effects of High-Protein Diet with Resveratrol Supplementation on Radiation-Induced Acute-Phase Inflammation in Rats. Journal of Medicinal Food, 2014, 17, 963-971.	0.8	12
18	<i>Herba Ecliptae</i> Protects against Hydroxyl Radical-induced Damages to DNA and Mesenchymal Stem Cells via Antioxidant Mechanism. Journal of the Chinese Chemical Society, 2014, 61, 1161-1167.	0.8	4

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19	Maclurin protects against hydroxyl radical-induced damages to mesenchymal stem cells: Antioxidant evaluation and mechanistic insight. <i>Chemico-Biological Interactions</i> , 2014, 219, 221-228.	1.7	39
20	Antioxidant Properties of Resveratrol and its Protective Effects in Neurodegenerative Diseases. <i>Advances in Cell Biology</i> , 2014, 4, 97-117.	1.5	47
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29	Evaluation of the antiradical activity of hyperjovanol-A utilizing donor-acceptor maps. <i>Journal of Molecular Modeling</i> , 2014, 20, 2337.	0.8	26
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60	Treatment of Alzheimer Disease with Phytochemicals Other Than Curcumin. , 2016, , 335-368.		0
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93	Effects of complexation with a metal ion on the intramolecular hydrogen bonds in acylphloroglucinols. <i>Theoretical Chemistry Accounts</i> , 2019, 138, 1.	0.5	1
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