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Iron chelation in the biological activity of curcumin

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#	Paper	IF	Citations
177	Anti-inflammatory and immune therapy for Alzheimer's disease: current status and future directions. <i>Current Neuropharmacology</i> , 2007 , 5, 232-43	7.6	44
176	A dibenzoylmethane derivative protects dopaminergic neurons against both oxidative stress and endoplasmic reticulum stress. 2007 , 293, C1884-94		40
175	Applying transcriptomic and proteomic knowledge to Parkinson's disease drug discovery. 2007 , 2, 1225-40		7
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173	Iron dysregulation in Alzheimer's disease: multimodal brain permeable iron chelating drugs, possessing neuroprotective-neurorescue and amyloid precursor protein-processing regulatory activities as therapeutic agents. 2007 , 82, 348-60		141
172	Neuroprotective effects of curcumin. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 595, 197-212	3.6	317
171	Dietary curcumin does not protect kidney in glycerol-induced acute renal failure. 2007 , 45, 1777-82		22
170	Comparative study of copper(II)-curcumin complexes as superoxide dismutase mimics and free radical scavengers. <i>European Journal of Medicinal Chemistry</i> , 2007 , 42, 431-9	6.8	122
169	A novel antioxidant 3-O-Caffeoyl-1-methylquinic acid enhances ultraviolet A-mediated apoptosis in immortalized HaCaT keratinocytes via Sp1-dependent transcriptional activation of p21(WAF1/Cip1). 2007 , 26, 3559-71		9
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161	Curcumin inhibits lung cancer cell invasion and metastasis through the tumor suppressor HLJ1. 2008 , 68, 7428-38		171

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159	Curcumin, a cancer chemopreventive and chemotherapeutic agent, is a biologically active iron chelator. 2009 , 113, 462-9		187
158	Gastroprotective effects of a new zinc(II)-curcumin complex against pylorus-ligature-induced gastric ulcer in rats. <i>Chemico-Biological Interactions</i> , 2009 , 181, 316-21	5	22
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156	Iron behaving badly: inappropriate iron chelation as a major contributor to the aetiology of vascular and other progressive inflammatory and degenerative diseases. 2009 , 2, 2		349
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26	Protective Effect of Curcumin on Antioxidant Defense System and Oxidative Stress in Liver Tissue of Iron Overloading Rats. <i>Asian Journal of Clinical Nutrition</i> , 2013 , 6, 1-17	0	5
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16	Table1.DOCX. 2017,		
15	Table2.DOCX. 2017,		
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13	Table4.DOCX. 2017,		
12	Role of Iron in Aging Related Diseases. <i>Antioxidants</i> , 2022, 11, 865	7.1	2
11	SARS-CoV-2 Infection Dysregulates Host Iron (Fe)-Redox Homeostasis (Fe-R-H): Role of Fe-Redox Regulators, Ferroptosis Inhibitors, Anticoagulants, and Iron-Chelators in COVID-19 Control. <i>Journal of Dietary Supplements</i> , 1-60	2.3	0
10	Preparation, Characterization, and In Vitro Release of Curcumin-Loaded IRMOF-10 Nanoparticles and Investigation of Their Pro-Apoptotic Effects on Human Hepatoma HepG2 Cells. <i>Molecules</i> , 2022, 27, 3940	4.8	1
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