

# Charles Coudray

## List of Publications by Citations

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115  
papers

3,503  
citations

33  
h-index

54  
g-index

116  
ext. papers

3,818  
ext. citations

4.4  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
115	Minerals and phytic acid interactions: is it a real problem for human nutrition?. <i>International Journal of Food Science and Technology</i> , <b>2002</b> , 37, 727-739	3.8	236
114	Effects of two fermentable carbohydrates (inulin and resistant starch) and their combination on calcium and magnesium balance in rats. <i>British Journal of Nutrition</i> , <b>2001</b> , 86, 479-85	3.6	182
113	Effects of inulin-type fructans of different chain length and type of branching on intestinal absorption and balance of calcium and magnesium in rats. <i>European Journal of Nutrition</i> , <b>2003</b> , 42, 91-8	5.2	116
112	Effect of short-chain fructooligosaccharides on intestinal calcium absorption and calcium status in postmenopausal women: a stable-isotope study. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 77, 449-57	7	115
111	Effects of dietary fibers on magnesium absorption in animals and humans. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 1-4	4.1	103
110	Class 2 resistant starches lower plasma and liver lipids and improve mineral retention in rats. <i>Journal of Nutrition</i> , <b>2001</b> , 131, 1283-9	4.1	102
109	Fructooligosaccharides enhance mineral apparent absorption and counteract the deleterious effects of phytic acid on mineral homeostasis in rats. <i>Journal of Nutritional Biochemistry</i> , <b>2000</b> , 11, 500-8	6.3	100
108	Grape polyphenols prevent fructose-induced oxidative stress and insulin resistance in first-degree relatives of type 2 diabetic patients. <i>Diabetes Care</i> , <b>2013</b> , 36, 1454-61	14.6	87
107	Five-week intake of short-chain fructo-oligosaccharides increases intestinal absorption and status of magnesium in postmenopausal women. <i>Journal of Bone and Mineral Research</i> , <b>2001</b> , 16, 2152-60	6.3	83
106	Making bread with sourdough improves mineral bioavailability from reconstituted whole wheat flour in rats. <i>Nutrition</i> , <b>2003</b> , 19, 524-30	4.8	80
105	Intestinal fermentation lessens the inhibitory effects of phytic acid on mineral utilization in rats. <i>Journal of Nutrition</i> , <b>1998</b> , 128, 1192-8	4.1	74
104	Lipid peroxidation products, and vitamin and trace element status in patients with cancer before and after chemotherapy, including adriamycin. A preliminary study. <i>Biological Trace Element Research</i> , <b>1995</b> , 47, 117-23	4.5	73
103	Iron absorption in dysmetabolic iron overload syndrome is decreased and correlates with increased plasma hepcidin. <i>Journal of Hepatology</i> , <b>2009</b> , 50, 1219-25	13.4	66
102	5-Hydroxymethyluracil excretion, plasma TBARS and plasma antioxidant vitamins in adriamycin-treated patients. <i>Free Radical Biology and Medicine</i> , <b>1996</b> , 20, 979-83	7.8	57
101	Rat liver mitochondrial membrane characteristics and mitochondrial functions are more profoundly altered by dietary lipid quantity than by dietary lipid quality: effect of different nutritional lipid patterns. <i>British Journal of Nutrition</i> , <b>2012</b> , 107, 647-59	3.6	56
100	Lycopene but not lutein nor zeaxanthin decreases in serum and lipoproteins in age-related macular degeneration patients. <i>Clinica Chimica Acta</i> , <b>2005</b> , 357, 34-42	6.2	55
99	Zinc and insulin sensitivity. <i>Biological Trace Element Research</i> , <b>1992</b> , 32, 305-10	4.5	54

98	Effect of tomato product consumption on the plasma status of antioxidant microconstituents and on the plasma total antioxidant capacity in healthy subjects. <i>Journal of the American College of Nutrition</i> , <b>2004</b> , 23, 148-56	3.5	53
97	Determination of salicylate hydroxylation products as an in vivo oxidative stress marker. <i>Free Radical Biology and Medicine</i> , <b>2000</b> , 29, 1064-70	7.8	53
96	Dietary fatty acids modulate liver mitochondrial cardiolipin content and its fatty acid composition in rats with non alcoholic fatty liver disease. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2012</b> , 44, 439-52	3.7	52
95	The mitochondrial-targeted antioxidant MitoQ ameliorates metabolic syndrome features in obesogenic diet-fed rats better than Apocynin or Allopurinol. <i>Free Radical Research</i> , <b>2014</b> , 48, 1232-46	4	46
94	Effect of dietary antioxidant trace element supply on cardiac tolerance to ischemia-reperfusion in the rat. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1995</b> , 27, 2303-14	5.8	44
93	Dietary inulin intake and age can significantly affect intestinal absorption of calcium and magnesium in rats: a stable isotope approach. <i>Nutrition Journal</i> , <b>2005</b> , 4, 29	4.3	42
92	Lack of myostatin alters intermyofibrillar mitochondria activity, unbalances redox status, and impairs tolerance to chronic repetitive contractions in muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E1000-8	6	41
91	Resistant starch improves mineral assimilation in rats adapted to a wheat bran diet. <i>Nutrition Research</i> , <b>2000</b> , 20, 141-155	4	41
90	Effects of zinc supplementation on cognitive function in healthy middle-aged and older adults: the ZENITH study. <i>British Journal of Nutrition</i> , <b>2006</b> , 96, 752-60	3.6	41
89	Dietary inulin intake and age can affect intestinal absorption of zinc and copper in rats. <i>Journal of Nutrition</i> , <b>2006</b> , 136, 117-22	4.1	39
88	The effect of aging on intestinal absorption and status of calcium, magnesium, zinc, and copper in rats: a stable isotope study. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2006</b> , 20, 73-81	4.1	39
87	A polyphenol extract modifies quantity but not quality of liver fatty acid content in high-fat-high-sucrose diet-fed rats: possible implication of the sirtuin pathway. <i>British Journal of Nutrition</i> , <b>2010</b> , 104, 1760-70	3.6	36
86	Taste acuity in response to zinc supplementation in older Europeans. <i>British Journal of Nutrition</i> , <b>2008</b> , 99, 129-36	3.6	36
85	Wholewheat flour ensures higher mineral absorption and bioavailability than white wheat flour in rats. <i>British Journal of Nutrition</i> , <b>1999</b> , 82, 17-21	3.6	36
84	Effect of zinc supplementation on the immune status of healthy older individuals aged 55-70 years: the ZENITH Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2007</b> , 62, 598-608	6.4	34
83	The rhamnogalacturonan-II dimer decreases intestinal absorption and tissue accumulation of lead in rats. <i>Journal of Nutrition</i> , <b>2000</b> , 130, 249-53	4.1	33
82	Short-term ingestion of chlorogenic or caffeic acids decreases zinc but not copper absorption in rats, utilization of stable isotopes and inductively-coupled plasma mass spectrometry technique. <i>British Journal of Nutrition</i> , <b>1998</b> , 80, 575-84	3.6	33
81	Zinc deficiency, ethanol, and myocardial ischemia affect lipoperoxidation in rats. <i>Biological Trace Element Research</i> , <b>1991</b> , 30, 103-18	4.5	33

80	Reversal of selenium and zinc deficiencies in chronic hemodialysis patients by intravenous sodium selenite and zinc gluconate supplementation. Time-course of glutathione peroxidase repletion and lipid peroxidation decrease. <i>Biological Trace Element Research</i> , <b>1993</b> , 39, 149-59	4.5	33
79	The mitochondrial-targeted antioxidant, MitoQ, increases liver mitochondrial cardiolipin content in obesogenic diet-fed rats. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2015</b> , 1847, 1025-35	4.6	31
78	Salivary cortisol, stress and mood in healthy older adults: the Zenith study. <i>Biological Psychology</i> , <b>2008</b> , 78, 1-9	3.2	31
77	Dietary iron regulates hepatic hepcidin 1 and 2 mRNAs in mice. <i>Metabolism: Clinical and Experimental</i> , <b>2003</b> , 52, 1229-31	12.7	30
76	Effects of long-term administration of saturated and n-3 fatty acid-rich diets on lipid utilisation and oxidative stress in rat liver and muscle tissues. <i>British Journal of Nutrition</i> , <b>2013</b> , 110, 1789-802	3.6	28
75	A mitochondrial-targeted ubiquinone modulates muscle lipid profile and improves mitochondrial respiration in obesogenic diet-fed rats. <i>British Journal of Nutrition</i> , <b>2016</b> , 115, 1155-66	3.6	28
74	Study of magnesium bioavailability using stable isotopes and the inductively-coupled plasma mass spectrometry technique in the rat: single and double labelling approaches. <i>British Journal of Nutrition</i> , <b>1997</b> , 77, 957-70	3.6	27
73	Assessment of radical activity during the acute phase of myocardial infarction following fibrinolysis: utility of assaying plasma malondialdehyde. <i>Free Radical Biology and Medicine</i> , <b>1995</b> , 19, 873-81	7.8	27
72	Exchangeable magnesium pool masses in healthy women: effects of magnesium supplementation. <i>American Journal of Clinical Nutrition</i> , <b>2002</b> , 75, 72-8	7	26
71	Influence of short-chain fructo-oligosaccharides (sc-FOS) on absorption of Cu, Zn, and Se in healthy postmenopausal women. <i>Journal of the American College of Nutrition</i> , <b>2005</b> , 24, 30-7	3.5	26
70	Effects of acute and chronic coingestion of AlCl <sub>3</sub> with citrate or polyphenolic acids on tissue retention and distribution of aluminum in rats. <i>Biological Trace Element Research</i> , <b>2000</b> , 76, 245-56	4.5	26
69	Effect of double-blind cross-over selenium supplementation on lipid peroxidation markers in cystic fibrosis patients. <i>Clinica Chimica Acta</i> , <b>1995</b> , 234, 137-46	6.2	26
68	Long-term moderate zinc supplementation increases exchangeable zinc pool masses in late-middle-aged men: the Zenith Study. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 103-110	7	25
67	Toxicity of Natural Deep Eutectic Solvent Betaine:Glycerol in Rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 6205-6212	5.7	25
66	Long-term moderate zinc supplementation increases exchangeable zinc pool masses in late-middle-aged men: the Zenith Study. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 103-10	7	24
65	Age- and sex-dependent effects of long-term zinc supplementation on essential trace element status and lipid metabolism in European subjects: the Zenith Study. <i>British Journal of Nutrition</i> , <b>2007</b> , 97, 569-78	3.6	23
64	Impact of high dietary lipid intake and related metabolic disorders on the abundance and acyl composition of the unique mitochondrial phospholipid, cardiolipin. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2014</b> , 46, 447-57	3.7	22
63	Polyphenols decreased liver NADPH oxidase activity, increased muscle mitochondrial biogenesis and decreased gastrocnemius age-dependent autophagy in aged rats. <i>Free Radical Research</i> , <b>2012</b> , 46, 1140-9	4	22

62	Two polyol, low digestible carbohydrates improve the apparent absorption of magnesium but not of calcium in healthy young men. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 90-3	4.1	22
61	Evidence of cytosolic iron release during post-ischaemic reperfusion of isolated rat hearts. Influence on spin-trapping experiments with DMPO. <i>FEBS Letters</i> , <b>1992</b> , 302, 261-4	3.8	22
60	Effects of a multivitamin mineral supplement on zinc and copper status during pregnancy. <i>Biological Trace Element Research</i> , <b>1992</b> , 32, 405-14	4.5	22
59	Blood and liver lipid peroxide status after chronic ethanol administration in rats. <i>Clinica Chimica Acta</i> , <b>1993</b> , 219, 35-45	6.2	22
58	Long-Term Measures of Dyslipidemia, Inflammation, and Oxidative Stress in Rats Fed a High-Fat/High-Fructose Diet. <i>Lipids</i> , <b>2019</b> , 54, 81-97	1.6	22
57	Trans fatty acids: chemical synthesis of eicosapentaenoic acid isomers and detection in rats fed a deodorized fish oil diet. <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 687-94	4	21
56	Selenium and antioxidant vitamin and lipidperoxidation levels in preaging French population. EVA Study Group. Edude de vieillissement artiel. <i>Biological Trace Element Research</i> , <b>1997</b> , 57, 183-90	4.5	21
55	Zinc prevents the structural and functional properties of free radical treated-insulin. <i>BBA - Proteins and Proteomics</i> , <b>1994</b> , 1209, 260-4		21
54	Combined Strategies for Maintaining Skeletal Muscle Mass and Function in Aging: Myostatin Inactivation and AICAR-Associated Oxidative Metabolism Induction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 1077-87	6.4	19
53	20-Week follow-up of hepatic steatosis installation and liver mitochondrial structure and activity and their interrelation in rats fed a high-fat-high-fructose diet. <i>British Journal of Nutrition</i> , <b>2018</b> , 119, 368-380	3.6	19
52	Wheat Varie1y has a Maior Influence on Mineral Bioavailability; Studies in Rats. <i>Journal of Cereal Science</i> , <b>2003</b> , 37, 257-266	3.8	19
51	Dietary phytic acid and wheat bran enhance mucosal phytase activity in rat small intestine. <i>Journal of Nutrition</i> , <b>2000</b> , 130, 2020-5	4.1	19
50	Mild copper deficiency alters gene expression of proteins involved in iron metabolism. <i>Blood Cells, Molecules, and Diseases</i> , <b>2006</b> , 36, 15-20	2.1	18
49	Long-term high intake of 9-PAHPA or 9-OAHPA increases basal metabolism and insulin sensitivity but disrupts liver homeostasis in healthy mice. <i>Journal of Nutritional Biochemistry</i> , <b>2020</b> , 79, 108361	6.3	17
48	Effect of antioxidants on adriamycin-induced microsomal lipid peroxidation. <i>Biological Trace Element Research</i> , <b>1995</b> , 47, 111-6	4.5	17
47	A grape polyphenol extract modulates muscle membrane fatty acid composition and lipid metabolism in high-fat--high-sucrose diet-fed rats. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 491-501	3.6	16
46	Effect of zinc supplementation on in vitro copper-induced oxidation of low-density lipoproteins in healthy French subjects aged 55-70 years: the Zenith Study. <i>British Journal of Nutrition</i> , <b>2006</b> , 95, 1134-42	3.6	16
45	The Dietary Total-Fat Content Affects the In Vivo Circulating C15:0 and C17:0 Fatty Acid Levels Independently. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	16

44	Myostatin deficiency is associated with lipidomic abnormalities in skeletal muscles. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2017</b> , 1862, 1044-1055	5	15
43	Predictors of taste acuity in healthy older Europeans. <i>Appetite</i> , <b>2012</b> , 58, 188-95	4.5	15
42	Relationship between severity of ischemia and oxidant scavenger enzyme activities in the isolated rat heart. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1995</b> , 27, 61-9	5.6	15
41	Hydroxyl radical formation and lipid peroxidation enhancement by chromium. In vitro study. <i>Biological Trace Element Research</i> , <b>1992</b> , 32, 161-70	4.5	15
40	Rapid high-performance liquid chromatographic assay for salicylic acid in plasma without solvent extraction. <i>Journal of Chromatographic Science</i> , <b>1996</b> , 34, 166-73	1.4	14
39	Fractional intestinal absorption of magnesium is directly proportional to dietary magnesium intake in rats. <i>Journal of Nutrition</i> , <b>2002</b> , 132, 2043-7	4.1	13
38	Effect of ischemia/reperfusion sequence on cytosolic iron status and its release in the coronary effluent in isolated rat hearts. <i>Biological Trace Element Research</i> , <b>1994</b> , 41, 69-75	4.5	13
37	Long-term consumption of red wine does not modify intestinal absorption or status of zinc and copper in rats. <i>Journal of Nutrition</i> , <b>2000</b> , 130, 1309-13	4.1	12
36	No antioxidant beneficial effect of zinc supplementation on oxidative stress markers and antioxidant defenses in middle-aged and elderly subjects: the Zenith study. <i>Journal of the American College of Nutrition</i> , <b>2008</b> , 27, 463-9	3.5	11
35	Time-course of changes in plasma levels of trace elements after thrombolysis during the acute phase of myocardial infarction in humans. <i>Biological Trace Element Research</i> , <b>1995</b> , 47, 171-82	4.5	11
34	Long-term intake of 9-PAHPA or 9-OAHPA modulates favorably the basal metabolism and exerts an insulin sensitizing effect in obesogenic diet-fed mice. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 2013-2027 <sup>5-2</sup>	5.2	11
33	Effect of oral aluminum and aluminum citrate on blood level and short-term tissue distribution of aluminum in the rat. <i>Biological Trace Element Research</i> , <b>1998</b> , 63, 139-47	4.5	10
32	A new in vitro blood load test using a magnesium stable isotope for assessment of magnesium status. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 1220-3	4.1	10
31	Effect of acute zinc deficiency on insulin receptor binding in rat adipocytes. <i>Biological Trace Element Research</i> , <b>1992</b> , 32, 331-5	4.5	10
30	Skeletal muscle overexpression of short isoform Sirt3 altered mitochondrial cardiolipin content and fatty acid composition. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2018</b> , 50, 131-142	3.7	9
29	Zinc supplementation does not alter plasma homocysteine, vitamin B12 and red blood cell folate concentrations in French elderly subjects. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2009</b> , 23, 15-20	4.1	9
28	Mineral supplementation of white wheat flour is necessary to maintain adequate mineral status and bone characteristics in rats. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2001</b> , 15, 131-7	4.1	9
27	Chronic oral administration of rhamnogalacturonan-II dimer, a pectic polysaccharide, failed to accelerate body lead detoxification after chronic lead exposure in rats. <i>British Journal of Nutrition</i> , <b>2002</b> , 87, 47-54	3.6	9

26	Inhibition of lipid peroxidation by a new family of iron chelators. Comparison with desferrioxamine. <i>Biological Trace Element Research</i> , <b>1994</b> , 41, 77-87	4.5	9
25	Exchangeable magnesium pool masses reflect the magnesium status of rats. <i>Journal of Nutrition</i> , <b>2000</b> , 130, 2306-11	4.1	8
24	High dietary intake of palm oils compromises glucose tolerance whereas high dietary intake of olive oil compromises liver lipid metabolism and integrity. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 3091-3107	5.2	8
23	Spirulina platensis and silicon-enriched spirulina equally improve glucose tolerance and decrease the enzymatic activity of hepatic NADPH oxidase in obesogenic diet-fed rats. <i>Food and Function</i> , <b>2018</b> , 9, 6165-6178	6.1	8
22	New evidence of exercise training benefits in myostatin-deficient mice: Effect on lipidomic abnormalities. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 516, 89-95	3.4	7
21	Supplemented zinc does not alter mood in healthy older European adults--a randomised placebo-controlled trial: the Zenith study. <i>Public Health Nutrition</i> , <b>2011</b> , 14, 882-8	3.3	7
20	Effect of zinc supplementation on protein metabolism in late-middle-aged men: The Zenith study. <i>Nutrition</i> , <b>2008</b> , 24, 155-61	4.8	6
19	Stable isotopes in studies of intestinal absorption, exchangeable pools and mineral status: the example of magnesium. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2005</b> , 19, 97-103	4.1	6
18	Vitamin d status and indices of bone turnover in older European adults. <i>International Journal for Vitamin and Nutrition Research</i> , <b>2011</b> , 81, 277-85	1.7	6
17	FAHFAs Regulate the Proliferation of C2C12 Myoblasts and Induce a Shift toward a More Oxidative Phenotype in Mouse Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
16	Organic potassium salts or fibers effects on mineral balance and digestive fermentations in rats adapted to an acidogenic diet. <i>European Journal of Nutrition</i> , <b>2006</b> , 45, 342-8	5.2	4
15	Effects of sulphate- and bicarbonate-rich mineral waters on net and fractional intestinal absorption and urinary excretion of magnesium in rats. <i>European Journal of Nutrition</i> , <b>2003</b> , 42, 279-86	5.2	4
14	Potential physio-pathological effects of branched fatty acid esters of hydroxy fatty acids. <i>Biochimie</i> , <b>2021</b> , 182, 13-22	4.6	4
13	Exchangeable magnesium pool masses in spontaneously hypertensive rats. <i>Metabolism: Clinical and Experimental</i> , <b>2003</b> , 52, 626-30	12.7	2
12	The Stable Isotope Use in the Exploration of Bioavailability and Metabolism of Magnesium. <i>Current Nutrition and Food Science</i> , <b>2005</b> , 1, 63-70	0.7	2
11	Impact of diets rich in olive oil, palm oil or lard on myokine expression in rats. <i>Food and Function</i> , <b>2020</b> , 11, 9114-9128	6.1	2
10	Long-term follow-up of muscle lipid accumulation, mitochondrial activity and oxidative stress and their relationship with impaired glucose homeostasis in high fat high fructose diet-fed rats. <i>Journal of Nutritional Biochemistry</i> , <b>2019</b> , 64, 182-197	6.3	2
9	Les FAHFAs, une nouvelle classe de lipides endogènes bioactifs. <i>Cahiers De Nutrition Et De Dietetique</i> , <b>2018</b> , 53, 100-105	0.2	1

8	Peripancreatic Adipose Tissue Remodeling and Inflammation during High Fat Intake of Palm Oils or Lard in Rats. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
7	Skeletal muscle expression of p43, a truncated thyroid hormone receptor $\beta$ affects lipid composition and metabolism. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2018</b> , 50, 71-79	3.7	0
6	Potential favourable health effects of some dietary uncommon fatty acids. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , <b>2021</b> , 28, 41	1.5	0
5	Diets Rich in Olive Oil, Palm Oil, or Lard Alter Mitochondrial Biogenesis and Mitochondrial Membrane Composition in Rat Liver.. <i>Biochemistry Research International</i> , <b>2022</b> , 2022, 9394356	2.4	0
4	Les cardiolipides, des phospholipides clés pour la fonction mitochondriale. Relation avec les apports lipidiques et la physiopathologie. <i>Cahiers De Nutrition Et De Dietetique</i> , <b>2015</b> , 50, 331-338	0.2	
3	Effect of spirulina and silicon-enriched spirulina on metabolic syndrome features, oxidative stress and mitochondrial activity in Zucker fatty rats. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12979	3.3	
2	Dietary inulin intake and age can significantly affect absorption of the faecal marker dysprosium in rats. <i>British Journal of Nutrition</i> , <b>2006</b> , 95, 255-9	3.6	
1	DETERMINATION OF SALICYLATE HYDROXYLATION PRODUCTS AS AN IN VIVO OXIDATIVE STRESS MARKER <b>2001</b> , 177-183		