

Soelaiman Ima-Nirwana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2229495/publications.pdf>

Version: 2024-02-01

123
papers

4,025
citations

136885

32
h-index

155592

55
g-index

123
all docs

123
docs citations

123
times ranked

5209
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of a Screening and Education Programme on Knowledge, Beliefs, and Practices Regarding Osteoporosis among Malaysians. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6072.	1.2	6
2	Establishing SW1353 Chondrocytes as a Cellular Model of Chondrolysis. <i>Life</i> , 2021, 11, 272.	1.1	13
3	Vitamin A and Bone Health: A Review on Current Evidence. <i>Molecules</i> , 2021, 26, 1757.	1.7	33
4	Skeletal microenvironment system utilising bovine bone scaffold co-cultured with human osteoblasts and osteoclast-like cells. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 680.	0.8	6
5	Therapeutic potential of annatto tocotrienol with self-emulsifying drug delivery system in a rat model of postmenopausal bone loss. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111368.	2.5	21
6	Effect of vitamin E on periodontitis: Evidence and proposed mechanisms of action. <i>Journal of Oral Biosciences</i> , 2021, 63, 97-103.	0.8	9
7	Effects of tocotrienols supplementation on markers of inflammation and oxidative stress: A systematic review and meta-analysis of randomized controlled trials. <i>PLoS ONE</i> , 2021, 16, e0255205.	1.1	12
8	Circulating Biomarkers Related to Osteocyte and Calcium Homeostasis between Postmenopausal Women with and without Osteoporosis. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, .	0.6	2
9	Effects of Palm Tocotrienol-Rich Fraction Alone or in Combination with Glucosamine Sulphate on Grip Strength, Cartilage Structure and Joint Remodelling Markers in a Rat Model of Osteoarthritis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8577.	1.3	7
10	A Review on the Enhancement of Calcium Phosphate Cement with Biological Materials in Bone Defect Healing. <i>Polymers</i> , 2021, 13, 3075.	2.0	13
11	The Skeletal Effects of Gonadotropin-Releasing Hormone Antagonists: A Concise Review. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, 1713-1720.	0.6	5
12	Self-emulsified annatto tocotrienol improves bone histomorphometric parameters in a rat model of oestrogen deficiency through suppression of skeletal sclerostin level and RANKL/OPG ratio. <i>International Journal of Medical Sciences</i> , 2021, 18, 3665-3673.	1.1	13
13	A review on the molecular basis underlying the protective effects of <i>Andrographis paniculata</i> and andrographolide against myocardial injury. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 4615-4632.	2.0	6
14	The effects of gonadotropin-releasing hormone agonist (buserelin) and orchidectomy on bone turnover markers and histomorphometry in rats. <i>Aging Male</i> , 2020, 23, 327-334.	0.9	9
15	Berberine and musculoskeletal disorders: The therapeutic potential and underlying molecular mechanisms. <i>Phytomedicine</i> , 2020, 73, 152892.	2.3	40
16	Positive association between metabolic syndrome and bone mineral density among Malaysians. <i>International Journal of Medical Sciences</i> , 2020, 17, 2585-2593.	1.1	20
17	<p>Effects of Calcium and Annatto Tocotrienol Supplementation on Bone Loss Induced by Pantoprazole in Male Rats</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 2561-2572.	2.0	6
18	Vitamin C: A Review on its Role in the Management of Metabolic Syndrome. <i>International Journal of Medical Sciences</i> , 2020, 17, 1625-1638.	1.1	37

#	ARTICLE	IF	CITATIONS
19	Biochemical and histopathological assessment of liver in a rat model of metabolic syndrome induced by high-carbohydrate high-fat diet. <i>Journal of Food Biochemistry</i> , 2020, 44, e13371.	1.2	4
20	The Role of Piper sarmentosum Aqueous Extract as a Bone Protective Agent, a Histomorphometric Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7715.	1.8	9
21	Prevalence and factors of T-score discordance between hip and spine among middle-aged and elderly Malaysians. <i>Archives of Osteoporosis</i> , 2020, 15, 142.	1.0	12
22	Quercetin as an Agent for Protecting the Bone: A Review of the Current Evidence. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6448.	1.8	105
23	–Annatto-Derived Tocotrienol Promotes Mineralization of MC3T3-E1 Cells by Enhancing BMP-2 Protein Expression via Inhibiting RhoA Activation and HMG-CoA Reductase Gene Expression–. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 969-976.	2.0	15
24	Potential Role of Tocotrienols on Non-Communicable Diseases: A Review of Current Evidence. <i>Nutrients</i> , 2020, 12, 259.	1.7	50
25	Determinants of Bone Health Status in a Multi-Ethnic Population in Klang Valley, Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 384.	1.2	20
26	Development of Osteoporosis Screening Algorithm for Population Aged 50 Years and above in Klang Valley, Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2526.	1.2	6
27	The Skeletal-Protecting Action and Mechanisms of Action for Mood-Stabilizing Drug Lithium Chloride: Current Evidence and Future Potential Research Areas. <i>Frontiers in Pharmacology</i> , 2020, 11, 430.	1.6	23
28	The Performance of a Calcaneal Quantitative Ultrasound Device, CM-200, in Stratifying Osteoporosis Risk among Malaysian Population Aged 40 Years and Above. <i>Diagnostics</i> , 2020, 10, 178.	1.3	9
29	Can telomere length predict bone health? A review of current evidence. <i>Bosnian Journal of Basic Medical Sciences</i> , 2020, 20, 423-429.	0.6	4
30	Are Oxidative Stress and Inflammation Mediators of Bone Loss Due to Estrogen Deficiency? A Review of Current Evidence. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1478-1487.	0.6	49
31	Effects of astaxanthin on the protection of muscle health (Review). <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 2941-2952.	0.8	4
32	The relationship between circulating testosterone and inflammatory cytokines in men. <i>Aging Male</i> , 2019, 22, 129-140.	0.9	179
33	The Effects of Annatto Tocotrienol Supplementation on Cartilage and Subchondral Bone in an Animal Model of Osteoarthritis Induced by Monosodium Iodoacetate. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2897.	1.2	19
34	–The Osteoprotective Effects Of Kaempferol: The Evidence From In Vivo And In Vitro Studies–. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 3497-3514.	2.0	99
35	The Effects of Tocotrienol on Bone Peptides in a Rat Model of Osteoporosis Induced by Metabolic Syndrome: The Possible Communication between Bone Cells. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3313.	1.2	26
36	Knowledge, Beliefs, Dietary, and Lifestyle Practices Related to Bone Health among Middle-Aged and Elderly Chinese in Klang Valley, Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1787.	1.2	15

#	ARTICLE	IF	CITATIONS
37	Prevalence and Predictors of Osteoporosis Among the Chinese Population in Klang Valley, Malaysia. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1820.	1.3	14
38	Prostate Cancer and Bone Metastases: The Underlying Mechanisms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2587.	1.8	109
39	Proton Pump Inhibitors and Fracture Risk: A Review of Current Evidence and Mechanisms Involved. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1571.	1.2	86
40	The Role of Tocotrienol in Preventing Male Osteoporosis—A Review of Current Evidence. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1355.	1.8	22
41	The Molecular Mechanism of Vitamin E as a Bone-Protecting Agent: A Review on Current Evidence. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1453.	1.8	51
42	Levels of Knowledge, Beliefs, and Practices Regarding Osteoporosis and the Associations with Bone Mineral Density among Populations More Than 40 Years Old in Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4115.	1.2	26
43	Multifaceted Protective Role of Glucosamine against Osteoarthritis: Review of Its Molecular Mechanisms. <i>Scientia Pharmaceutica</i> , 2019, 87, 34.	0.7	13
44	The performance of osteoporosis self-assessment tool for Asians (OSTA) in identifying the risk of osteoporosis among Malaysian population aged 40 years and above. <i>Archives of Osteoporosis</i> , 2019, 14, 117.	1.0	21
45	The use of selective estrogen receptor modulators on bone health in men. <i>Aging Male</i> , 2019, 22, 89-101.	0.9	12
46	Leptin, Adiponectin and Insulin as Regulators for Energy Metabolism in a Rat Model of Metabolic Syndrome. <i>Sains Malaysiana</i> , 2019, 48, 2701-2707.	0.3	7
47	Toll-like Receptor as a Molecular Link between Metabolic Syndrome and Inflammation: A Review. <i>Current Drug Targets</i> , 2019, 20, 1264-1280.	1.0	26
48	Osteoporosis is associated with metabolic syndrome induced by high-carbohydrate high-fat diet in a rat model. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 191-200.	2.5	38
49	Effects of tocotrienol from <i>Bixa orellana</i> (annatto) on bone histomorphometry in a male osteoporosis model induced by buserelin. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 453-462.	2.5	15
50	Comparison of stress levels between physicians working in public and private hospitals in Johor, Malaysia. <i>Journal of Taibah University Medical Sciences</i> , 2018, 13, 491-495.	0.5	6
51	The effects of palm tocotrienol on metabolic syndrome and bone loss in male rats induced by high-carbohydrate high-fat diet. <i>Journal of Functional Foods</i> , 2018, 44, 246-254.	1.6	26
52	The Effects of a Modified High-carbohydrate High-fat Diet on Metabolic Syndrome Parameters in Male Rats. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2018, 126, 205-212.	0.6	43
53	The association between backpack use and low back pain among pre-university students: A pilot study. <i>Journal of Taibah University Medical Sciences</i> , 2018, 13, 205-209.	0.5	16
54	Wound Healing Properties of Selected Natural Products. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2360.	1.2	190

#	ARTICLE	IF	CITATIONS
55	The Role of Vitamin E in Preventing and Treating Osteoarthritis – A Review of the Current Evidence. <i>Frontiers in Pharmacology</i> , 2018, 9, 946.	1.6	52
56	Establishing an Animal Model of Secondary Osteoporosis by Using a Gonadotropin-releasing Hormone Agonist. <i>International Journal of Medical Sciences</i> , 2018, 15, 300-308.	1.1	20
57	The Effects of Vitamin E from <i>Elaeis guineensis</i> (Oil Palm) in a Rat Model of Bone Loss Due to Metabolic Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1828.	1.2	20
58	Effect of tocotrienol from <i>Bixa orellana</i> (annatto) on bone microstructure, calcium content, and biomechanical strength in a model of male osteoporosis induced by buserelin. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 555-564.	2.0	20
59	Vitamin D and Depression: The Evidence from an Indirect Clue to Treatment Strategy. <i>Current Drug Targets</i> , 2018, 19, 888-897.	1.0	22
60	Performance of Osteoporosis Self-Assessment Tool (OST) in Predicting Osteoporosis – A Review. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1445.	1.2	28
61	Exploring the potential of tocotrienol from <i>Bixa orellana</i> as a single agent targeting metabolic syndrome and bone loss. <i>Bone</i> , 2018, 116, 8-21.	1.4	35
62	Annatto-derived tocotrienol stimulates osteogenic activity in preosteoblastic MC3T3-E1 cells: a temporal sequential study. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 1715-1726.	2.0	27
63	A Review of Knowledge, Belief and Practice Regarding Osteoporosis among Adolescents and Young Adults. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1727.	1.2	19
64	Effects of metabolic syndrome on bone mineral density, histomorphometry and remodelling markers in male rats. <i>PLoS ONE</i> , 2018, 13, e0192416.	1.1	28
65	Vitamin C and Bone Health: Evidence from Cell, Animal and Human Studies. <i>Current Drug Targets</i> , 2018, 19, 439-450.	1.0	29
66	A Review on the Effects of Testosterone Supplementation in Hypogonadal Men with Cognitive Impairment. <i>Current Drug Targets</i> , 2018, 19, 898-906.	1.0	13
67	Attitude of Asians to Calcium and Vitamin D Rich Foods and Supplements: A Systematic Review. <i>Sains Malaysiana</i> , 2018, 47, 1801-1810.	0.3	3
68	The Role of Dietary Compounds in the Therapy of Nicotine-Induced Osteoporosis. <i>Current Drug Targets</i> , 2018, 19, 1424-1430.	1.0	0
69	Optimization of the Static Human Osteoblast/Osteoclast Co-culture System. <i>Iranian Journal of Medical Sciences</i> , 2018, 43, 208-213.	0.3	13
70	Comments on tocotrienols, health and ageing. <i>Maturitas</i> , 2017, 96, 118.	1.0	0
71	Tocotrienols for bone health: a translational approach. <i>Annals of the New York Academy of Sciences</i> , 2017, 1401, 150-165.	1.8	26
72	The Effects of Testosterone Deficiency and Its Replacement on Inflammatory Markers in Rats: A Pilot Study. <i>International Journal of Endocrinology and Metabolism</i> , 2017, 15, e43053.	0.3	12

#	ARTICLE	IF	CITATIONS
73	Vitamin E As a Potential Interventional Treatment for Metabolic Syndrome: Evidence from Animal and Human Studies. <i>Frontiers in Pharmacology</i> , 2017, 8, 444.	1.6	89
74	The Effects of Tocotrienol and Lovastatin Co-Supplementation on Bone Dynamic Histomorphometry and Bone Morphogenetic Protein-2 Expression in Rats with Estrogen Deficiency. <i>Nutrients</i> , 2017, 9, 143.	1.7	16
75	Agreement between calcaneal quantitative ultrasound and osteoporosis self-assessment tool for Asians in identifying individuals at risk of osteoporosis. <i>Therapeutics and Clinical Risk Management</i> , 2017, Volume 13, 1333-1341.	0.9	6
76	A Review on the Effects of Androgen Deprivation Therapy (ADT) on Bone Health Status in Men with Prostate Cancer. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2017, 17, 276-284.	0.6	12
77	Effects of age, sex, and ethnicity on bone health status of the elderly in Kuala Lumpur, Malaysia. <i>Clinical Interventions in Aging</i> , 2016, 11, 767.	1.3	13
78	Lessons from the Bone Chapter of the Malaysian Aging Men Study. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 531.	1.2	2
79	Olives and Bone: A Green Osteoporosis Prevention Option. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 755.	1.2	48
80	The Relationship between Metabolic Syndrome and Osteoporosis: A Review. <i>Nutrients</i> , 2016, 8, 347.	1.7	123
81	The Effects of Anatto Tocotrienol on Bone Biomechanical Strength and Bone Calcium Content in an Animal Model of Osteoporosis Due to Testosterone Deficiency. <i>Nutrients</i> , 2016, 8, 808.	1.7	20
82	A concise review of testosterone and bone health. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1317-1324.	1.3	189
83	Tocotrienol and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 928, 97-130.	0.8	27
84	Animal models of metabolic syndrome: a review. <i>Nutrition and Metabolism</i> , 2016, 13, 65.	1.3	252
85	Quantification of Bone Histomorphometric Parameters Using the Weibel Technique in Animals. <i>Medicine & Health</i> , 2016, 11, 278-288.	0.2	7
86	Significant association between parathyroid hormone and uric acid level in men. <i>Clinical Interventions in Aging</i> , 2015, 10, 1377.	1.3	21
87	The effects of orchidectomy and supraphysiological testosterone administration on trabecular bone structure and gene expression in rats. <i>Aging Male</i> , 2015, 18, 60-66.	0.9	28
88	The use of delta-tocotrienol and lovastatin for anti-osteoporotic therapy. <i>Life Sciences</i> , 2015, 125, 42-48.	2.0	30
89	The association between bone health indicated by calcaneal quantitative ultrasound and metabolic syndrome in Malaysian men. <i>Journal of Diabetes and Metabolic Disorders</i> , 2015, 14, 9.	0.8	6
90	The biological effects of tocotrienol on bone: a review on evidence from rodent models. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2049.	2.0	50

#	ARTICLE	IF	CITATIONS
91	Vitamin D is significantly associated with total testosterone and sex hormone-binding globulin in Malaysian men. <i>Aging Male</i> , 2015, 18, 175-179.	0.9	34
92	Serum Osteocalcin Is Significantly Related to Indices of Obesity and Lipid Profile in Malaysian Men. <i>International Journal of Medical Sciences</i> , 2014, 11, 151-157.	1.1	21
93	Effects of annatto-derived tocotrienol supplementation on osteoporosis induced by testosterone deficiency in rats. <i>Clinical Interventions in Aging</i> , 2014, 9, 1247.	1.3	43
94	Annatto Tocotrienol Improves Indices of Bone Static Histomorphometry in Osteoporosis Due to Testosterone Deficiency in Rats. <i>Nutrients</i> , 2014, 6, 4974-4983.	1.7	25
95	Vitamin D Status in Malaysian Men and Its Associated Factors. <i>Nutrients</i> , 2014, 6, 5419-5433.	1.7	33
96	The Relationships between Thyroid Hormones and Thyroid-stimulating Hormone with Lipid Profile in Euthyroid Men. <i>International Journal of Medical Sciences</i> , 2014, 11, 349-355.	1.1	32
97	Insulin-like growth factor-1 is a mediator of age-related decline of bone health status in men. <i>Aging Male</i> , 2014, 17, 102-106.	0.9	9
98	The Effects of Î±-Tocopherol on Bone: A Double-Edged Sword?. <i>Nutrients</i> , 2014, 6, 1424-1441.	1.7	50
99	Discrepancy Between the Quantitative Ultrasound Value of Malaysian Men and the Manufacturerâ€™s Reference and the Impact on Classification of Bone Health Status. <i>Journal of Clinical Densitometry</i> , 2013, 16, 189-195.	0.5	22
100	Thyroid-Stimulating Hormone Is Significantly Associated with Bone Health Status in Men. <i>International Journal of Medical Sciences</i> , 2013, 10, 857-863.	1.1	15
101	Calcaneal Quantitative Ultrasound as a Determinant of Bone Health Status: What Properties of Bone Does It Reflect?. <i>International Journal of Medical Sciences</i> , 2013, 10, 1778-1783.	1.1	123
102	Piper Sarmetosum: A New Hope for the Treatment of Osteoporosis. <i>Current Drug Targets</i> , 2013, 14, 1675-1682.	1.0	6
103	A Review of the Possible Mechanisms of Action of Tocotrienol â€” A Potential Antiosteoporotic Agent. <i>Current Drug Targets</i> , 2013, 14, 1533-1541.	1.0	29
104	A Review on the Use of Statins and Tocotrienols, Individually or in Combination for the Treatment of Osteoporosis. <i>Current Drug Targets</i> , 2013, 14, 1579-1590.	1.0	15
105	Can Soy Prevent Male Osteoporosis? A Review of the Current Evidence. <i>Current Drug Targets</i> , 2013, 14, 1632-1641.	1.0	11
106	Sex hormones in Malay and Chinese men in Malaysia: are there age and race differences?. <i>Clinics</i> , 2013, 68, 159-165.	0.6	7
107	Vitamin E as an Antiosteoporotic Agent via Receptor Activator of Nuclear Factor Kappa-B Ligand Signaling Disruption: Current Evidence and Other Potential Research Areas. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	0.5	19
108	The Effects of <i>Cosmos caudatus</i> on Structural Bone Histomorphometry in Ovariectomized Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-6.	0.5	15

#	ARTICLE	IF	CITATIONS
109	Two Different Isomers of Vitamin E Prevent Bone Loss in Postmenopausal Osteoporosis Rat Model. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-7.	0.5	57
110	Effects of Tocotrienol and Lovastatin Combination on Osteoblast and Osteoclast Activity in Estrogen-Deficient Osteoporosis. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-9.	0.5	51
111	Sex Steroids and Bone Health Status in Men. International Journal of Endocrinology, 2012, 2012, 1-7.	0.6	52
112	Virgin Coconut Oil Supplementation Prevents Bone Loss in Osteoporosis Rat Model. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-8.	0.5	31
113	Calcaneal Quantitative Ultrasound Value for Middle-Aged and Elderly Malaysian Chinese Men and Its Association With Age and Body Anthropometry. Journal of Clinical Densitometry, 2012, 15, 86-91.	0.5	12
114	Testosterone is associated with age-related changes in bone health status, muscle strength and body composition in men. Aging Male, 2012, 15, 240-245.	0.9	36
115	The effects of age, physical activity level, and body anthropometry on calcaneal speed of sound value in men. Archives of Osteoporosis, 2012, 7, 135-145.	1.0	30
116	Protective effects of Tualang honey on bone structure in experimental postmenopausal rats. Clinics, 2012, 67, 779-784.	0.6	30
117	Serum testosterone, sex hormone-binding globulin and total calcium levels predict the calcaneal speed of sound in men. Clinics, 2012, 67, 911-916.	0.6	21
118	Expression of TGF- β 1 in the blood during fracture repair in an estrogen-deficient rat model. Clinics, 2011, 66, 2113-2119.	0.6	24
119	Piper sarmentosum enhances fracture healing in ovariectomized osteoporotic rats: a radiological study. Clinics, 2011, 66, 865-872.	0.6	25
120	Vitamin E reversed nicotine-induced toxic effects on bone biochemical markers in male rats. Archives of Medical Science, 2010, 4, 505-512.	0.4	36
121	Beneficial Effects of Tocotrienol and Tocopherol on Bone Histomorphometric Parameters in Sprague-Dawley Male Rats After Nicotine Cessation. Calcified Tissue International, 2009, 84, 65-74.	1.5	84
122	Negative effects of nicotine on bone-resorbing cytokines and bone histomorphometric parameters in male rats. Journal of Bone and Mineral Metabolism, 2007, 25, 93-98.	1.3	58
123	Tocotrienols are needed for normal bone calcification in growing female rats. Asia Pacific Journal of Clinical Nutrition, 2002, 11, 194-199.	0.3	36