Soelaiman Ima-Nirwana

List of Publications by Year
in descending order

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	Animal models of metabolic syndrome: a review. Nutrition and Metabolism, 2016, 13, 65.	1.3	252
2	Wound Healing Properties of Selected Natural Products. International Journal of Environmental Research and Public Health, 2018, 15, 2360.	1.2	190
3	A concise review of testosterone and bone health. Clinical Interventions in Aging, 2016, Volume 11, 1317-1324.	1.3	189
4	The relationship between circulating testosterone and inflammatory cytokines in men. Aging Male, 2019, 22, 129-140.	0.9	179
5	Calcaneal Quantitative Ultrasound as a Determinant of Bone Health Status: What Properties of Bone Does It Reflect?. International Journal of Medical Sciences, 2013, 10, 1778-1783.	1.1	123
6	The Relationship between Metabolic Syndrome and Osteoporosis: A Review. Nutrients, 2016, 8, 347.	1.7	123
7	Prostate Cancer and Bone Metastases: The Underlying Mechanisms. International Journal of Molecular Sciences, 2019, 20, 2587.	1.8	109
8	Quercetin as an Agent for Protecting the Bone: A Review of the Current Evidence. International Journal of Molecular Sciences, 2020, 21, 6448.	1.8	105
9	The Osteoprotective Effects Of Kaempferol: The Evidence From In Vivo And In Vitro Studies . Drug Design, Development and Therapy, 2019, Volume 13, 3497-3514.	2.0	99
10	Vitamin E As a Potential Interventional Treatment for Metabolic Syndrome: Evidence from Animal and Human Studies. Frontiers in Pharmacology, 2017, 8, 444.	1.6	89
11	Proton Pump Inhibitors and Fracture Risk: A Review of Current Evidence and Mechanisms Involved. International Journal of Environmental Research and Public Health, 2019, 16, 1571.	1.2	86
12	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
13	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
14	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
15	Sex Steroids and Bone Health Status in Men. International Journal of Endocrinology, 2012, 2012, 1-7.	0.6	52
16	The Role of Vitamin E in Preventing and Treating Osteoarthritis – A Review of the Current Evidence. Frontiers in Pharmacology, 2018, 9, 946.	1.6	52
17	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
18	The Molecular Mechanism of Vitamin E as a Bone-Protecting Agent: A Review on Current Evidence. International Journal of Molecular Sciences, 2019, 20, 1453.	1.8	51

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19	The Effects of Î±-Tocopherol on Bone: A Double-Edged Sword?. Nutrients, 2014, 6, 1424-1441.	1.7	50
20	The biological effects of tocotrienol on bone: a review on evidence from rodent models. Drug Design, Development and Therapy, 2015, 9, 2049.	2.0	50
21	Potential Role of Tocotrienols on Non-Communicable Diseases: A Review of Current Evidence. Nutrients, 2020, 12, 259.	1.7	50
22	Are Oxidative Stress and Inflammation Mediators of Bone Loss Due to Estrogen Deficiency? A Review of Current Evidence. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 20, 1478-1487.	0.6	49
23	Olives and Bone: A Green Osteoporosis Prevention Option. International Journal of Environmental Research and Public Health, 2016, 13, 755.	1.2	48
24	Effects of annatto-derived tocotrienol supplementation on osteoporosis induced by testosterone deficiency in rats. Clinical Interventions in Aging, 2014, 9, 1247.	1.3	43
25	The Effects of a Modified High-carbohydrate High-fat Diet on Metabolic Syndrome Parameters in Male Rats. Experimental and Clinical Endocrinology and Diabetes, 2018, 126, 205-212.	0.6	43
26	Berberine and musculoskeletal disorders: The therapeutic potential and underlying molecular mechanisms. Phytomedicine, 2020, 73, 152892.	2.3	40
27	Osteoporosis is associated with metabolic syndrome induced by high-carbohydrate high-fat diet in a rat model. Biomedicine and Pharmacotherapy, 2018, 98, 191-200.	2.5	38
28	Vitamin C: A Review on its Role in the Management of Metabolic Syndrome. International Journal of Medical Sciences, 2020, 17, 1625-1638.	1.1	37
29	Tocotrienols are needed for normal bone calcification in growing female rats. Asia Pacific Journal of Clinical Nutrition, 2002, 11, 194-199.	0.3	36
30	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
31	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
32	Exploring the potential of tocotrienol from Bixa orellana as a single agent targeting metabolic syndrome and bone loss. Bone, 2018, 116, 8-21.	1.4	35
33	Vitamin D is significantly associated with total testosterone and sex hormone-binding globulin in Malaysian men. Aging Male, 2015, 18, 175-179.	0.9	34
34	Vitamin D Status in Malaysian Men and Its Associated Factors. Nutrients, 2014, 6, 5419-5433.	1.7	33
35	Vitamin A and Bone Health: A Review on Current Evidence. Molecules, 2021, 26, 1757.	1.7	33
36	The Relationships between Thyroid Hormones and Thyroid-stimulating Hormone with Lipid Profile in Euthyroid Men. International Journal of Medical Sciences, 2014, 11, 349-355.	1.1	32

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37	Virgin Coconut Oil Supplementation Prevents Bone Loss in Osteoporosis Rat Model. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-8.	0.5	31
38	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
39	Protective effects of Tualang honey on bone structure in experimental postmenopausal rats. Clinics, 2012, 67, 779-784.	0.6	30
40	The use of delta-tocotrienol and lovastatin for anti-osteoporotic therapy. Life Sciences, 2015, 125, 42-48.	2.0	30
41	A Review of the Possible Mechanisms of Action of Tocotrienol â€“ A Potential Antiosteoporotic Agent. Current Drug Targets, 2013, 14, 1533-1541.	1.0	29
42	Vitamin C and Bone Health: Evidence from Cell, Animal and Human Studies. Current Drug Targets, 2018, 19, 439-450.	1.0	29
43	The effects of orchidectomy and supraphysiological testosterone administration on trabecular bone structure and gene expression in rats. Aging Male, 2015, 18, 60-66.	0.9	28
44	Performance of Osteoporosis Self-Assessment Tool (OST) in Predicting Osteoporosisâ€”A Review. International Journal of Environmental Research and Public Health, 2018, 15, 1445.	1.2	28
45	Effects of metabolic syndrome on bone mineral density, histomorphometry and remodelling markers in male rats. PLoS ONE, 2018, 13, e0192416.	1.1	28
46	Tocotrienol and Its Role in Chronic Diseases. Advances in Experimental Medicine and Biology, 2016, 928, 97-130.	0.8	27
47	Annatto-derived tocotrienol stimulates osteogenic activity in preosteoblastic MC3T3-E1 cells: a temporal sequential study. Drug Design, Development and Therapy, 2018, Volume 12, 1715-1726.	2.0	27
48	Tocotrienols for bone health: a translational approach. Annals of the New York Academy of Sciences, 2017, 1401, 150-165.	1.8	26
49	The effects of palm tocotrienol on metabolic syndrome and bone loss in male rats induced by high-carbohydrate high-fat diet. Journal of Functional Foods, 2018, 44, 246-254.	1.6	26
50	The Effects of Tocotrienol on Bone Peptides in a Rat Model of Osteoporosis Induced by Metabolic Syndrome: The Possible Communication between Bone Cells. International Journal of Environmental Research and Public Health, 2019, 16, 3313.	1.2	26
51	Levels of Knowledge, Beliefs, and Practices Regarding Osteoporosis and the Associations with Bone Mineral Density among Populations More Than 40 Years Old in Malaysia. International Journal of Environmental Research and Public Health, 2019, 16, 4115.	1.2	26
52	Toll-like Receptor as a Molecular Link between Metabolic Syndrome and Inflammation: A Review. Current Drug Targets, 2019, 20, 1264-1280.	1.0	26
53	Piper sarmentosum enhances fracture healing in ovariectomized osteoporotic rats: a radiological study. Clinics, 2011, 66, 865-872.	0.6	25
54	Annatto Tocotrienol Improves Indices of Bone Static Histomorphometry in Osteoporosis Due to Testosterone Deficiency in Rats. Nutrients, 2014, 6, 4974-4983.	1.7	25

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55	Expression of TGF-Î²1 in the blood during fracture repair in an estrogen-deficient rat model. Clinics, 2011, 66, 2113-2119.	0.6	24
56	The Skeletal-Protecting Action and Mechanisms of Action for Mood-Stabilizing Drug Lithium Chloride: Current Evidence and Future Potential Research Areas. Frontiers in Pharmacology, 2020, 11, 430.	1.6	23
57	Discrepancy Between the Quantitative Ultrasound Value of Malaysian Men and the Manufacturerâ€™s Reference and the Impact on Classification of Bone Health Status. Journal of Clinical Densitometry, 2013, 16, 189-195.	0.5	22
58	Vitamin D and Depression: The Evidence from an Indirect Clue to Treatment Strategy. Current Drug Targets, 2018, 19, 888-897.	1.0	22
59	The Role of Tocotrienol in Preventing Male Osteoporosisâ€”A Review of Current Evidence. International Journal of Molecular Sciences, 2019, 20, 1355.	1.8	22
60	Serum Osteocalcin Is Significantly Related to Indices of Obesity and Lipid Profile in Malaysian Men. International Journal of Medical Sciences, 2014, 11, 151-157.	1.1	21
61	Significant association between parathyroid hormone and uric acid level in men. Clinical Interventions in Aging, 2015, 10, 1377.	1.3	21
62	The performance of osteoporosis self-assessment tool for Asians (OSTA) in identifying the risk of osteoporosis among Malaysian population aged 40Âyears and above. Archives of Osteoporosis, 2019, 14, 117.	1.0	21
63	Therapeutic potential of annatto tocotrienol with self-emulsifying drug delivery system in a rat model of postmenopausal bone loss. Biomedicine and Pharmacotherapy, 2021, 137, 111368.	2.5	21
64	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
65	The Effects of Annatto Tocotrienol on Bone Biomechanical Strength and Bone Calcium Content in an Animal Model of Osteoporosis Due to Testosterone Deficiency. Nutrients, 2016, 8, 808.	1.7	20
66	Establishing an Animal Model of Secondary Osteoporosis by Using a Gonadotropin-releasing Hormone Agonist. International Journal of Medical Sciences, 2018, 15, 300-308.	1.1	20
67	The Effects of Vitamin E from Elaeis guineensis (Oil Palm) in a Rat Model of Bone Loss Due to Metabolic Syndrome. International Journal of Environmental Research and Public Health, 2018, 15, 1828.	1.2	20
68	Effect of tocotrienol from Bixa orellana (annatto) on bone microstructure, calcium content, and biomechanical strength in a model of male osteoporosis induced by buserelin. Drug Design, Development and Therapy, 2018, Volume 12, 555-564.	2.0	20
69	Positive association between metabolic syndrome and bone mineral density among Malaysians. International Journal of Medical Sciences, 2020, 17, 2585-2593.	1.1	20
70	Determinants of Bone Health Status in a Multi-Ethnic Population in Klang Valley, Malaysia. International Journal of Environmental Research and Public Health, 2020, 17, 384.	1.2	20
71	Vitamin E as an Antiosteoporotic Agent via Receptor Activator of Nuclear Factor Kappa-B Ligand Signaling Disruption: Current Evidence and Other Potential Research Areas. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-9.	0.5	19
72	A Review of Knowledge, Belief and Practice Regarding Osteoporosis among Adolescents and Young Adults. International Journal of Environmental Research and Public Health, 2018, 15, 1727.	1.2	19

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73	The Effects of Annatto Tocotrienol Supplementation on Cartilage and Subchondral Bone in an Animal Model of Osteoarthritis Induced by Monosodium Iodoacetate. International Journal of Environmental Research and Public Health, 2019, 16, 2897.	1.2	19
74	The Effects of Tocotrienol and Lovastatin Co-Supplementation on Bone Dynamic Histomorphometry and Bone Morphogenetic Protein-2 Expression in Rats with Estrogen Deficiency. Nutrients, 2017, 9, 143.	1.7	16
75	The association between backpack use and low back pain among pre-university students: A pilot study. Journal of Taibah University Medical Sciences, 2018, 13, 205-209.	0.5	16
76	The Effects ofCosmos caudatuson Structural Bone Histomorphometry in Ovariectomized Rats. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-6.	0.5	15
77	Thyroid-Stimulating Hormone Is Significantly Associated with Bone Health Status in Men. International Journal of Medical Sciences, 2013, 10, 857-863.	1.1	15
78	Effects of tocotrienol from Bixa orellana (annatto) on bone histomorphometry in a male osteoporosis model induced by buserelin. Biomedicine and Pharmacotherapy, 2018, 103, 453-462.	2.5	15
79	Knowledge, Beliefs, Dietary, and Lifestyle Practices Related to Bone Health among Middle-Aged and Elderly Chinese in Klang Valley, Malaysia. International Journal of Environmental Research and Public Health, 2019, 16, 1787.	1.2	15
80	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 . Drug Design, Development and Therapy, 2020, Volume 14, 969-976.	2.0	15
81	A Review on the Use of Statins and Tocotrienols, Individually or in Combination for the Treatment of Osteoporosis. Current Drug Targets, 2013, 14, 1579-1590.	1.0	15
82	Prevalence and Predictors of Osteoporosis Among the Chinese Population in Klang Valley, Malaysia. Applied Sciences (Switzerland), 2019, 9, 1820.	1.3	14
83	Effects of age, sex, and ethnicity on bone health status of the elderly in Kuala Lumpur, Malaysia. Clinical Interventions in Aging, 2016, 11, 767.	1.3	13
84	Multifaceted Protective Role of Glucosamine against Osteoarthritis: Review of Its Molecular Mechanisms. Scientia Pharmaceutica, 2019, 87, 34.	0.7	13
85	Establishing SW1353 Chondrocytes as a Cellular Model of Chondrolysis. Life, 2021, 11, 272.	1.1	13
86	A Review on the Enhancement of Calcium Phosphate Cement with Biological Materials in Bone Defect Healing. Polymers, 2021, 13, 3075.	2.0	13
87	A Review on the Effects of Testosterone Supplementation in Hypogonadal Men with Cognitive Impairment. Current Drug Targets, 2018, 19, 898-906.	1.0	13
88	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. International Journal of Medical Sciences, 2021, 18, 3665-3673.	1.1	13
89	Optimization of the Static Human Osteoblast/Osteoclast Co-culture System. Iranian Journal of Medical Sciences, 2018, 43, 208-213.	0.3	13
90	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

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91	The Effects of Testosterone Deficiency and Its Replacement on Inflammatory Markers in Rats: A Pilot Study. International Journal of Endocrinology and Metabolism, 2017, 15, e43053.	0.3	12
92	The use of selective estrogen receptor modulators on bone health in men. Aging Male, 2019, 22, 89-101.	0.9	12
93	Prevalence and factors of T-score discordance between hip and spine among middle-aged and elderly Malaysians. Archives of Osteoporosis, 2020, 15, 142.	1.0	12
94	Effects of tocotrienols supplementation on markers of inflammation and oxidative stress: A systematic review and meta-analysis of randomized controlled trials. PLoS ONE, 2021, 16, e0255205.	1.1	12
95	A Review on the Effects of Androgen Deprivation Therapy (ADT) on Bone Health Status in Men with Prostate Cancer. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2017, 17, 276-284.	0.6	12
96	Can Soy Prevent Male Osteoporosis? A Review of the Current Evidence. Current Drug Targets, 2013, 14, 1632-1641.	1.0	11
97	Insulin-like growth factor-1 is a mediator of age-related decline of bone health status in men. Aging Male, 2014, 17, 102-106.	0.9	9
98	The effects of gonadotropin-releasing hormone agonist (buserelin) and orchidectomy on bone turnover markers and histomorphometry in rats. Aging Male, 2020, 23, 327-334.	0.9	9
99	The Role of Piper sarmentosum Aqueous Extract as a Bone Protective Agent, a Histomorphometric Study. International Journal of Molecular Sciences, 2020, 21, 7715.	1.8	9
100	The Performance of a Calcaneal Quantitative Ultrasound Device, CM-200, in Stratifying Osteoporosis Risk among Malaysian Population Aged 40 Years and Above. Diagnostics, 2020, 10, 178.	1.3	9
101	Effect of vitamin E on periodontitis: Evidence and proposed mechanisms of action. Journal of Oral Biosciences, 2021, 63, 97-103.	0.8	9
102	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. Applied Sciences (Switzerland), 2021, 11, 8577.	1.3	7
103	Leptin, Adiponectin and Insulin as Regulators for Energy Metabolism in a Rat Model of Metabolic Syndrome. Sains Malaysiana, 2019, 48, 2701-2707.	0.3	7
104	Quantification of Bone Histomorphometric Parameters Using the Weibel Technique in Animals. Medicine & Health, 2016, 11, 278-288.	0.2	7
105	Sex hormones in Malay and Chinese men in Malaysia: are there age and race differences?. Clinics, 2013, 68, 159-165.	0.6	7
106	The association between bone health indicated by calcaneal quantitative ultrasound and metabolic syndrome in Malaysian men. Journal of Diabetes and Metabolic Disorders, 2015, 14, 9.	0.8	6
107	Agreement between calcaneal quantitative ultrasound and osteoporosis self-assessment tool for Asians in identifying individuals at risk of osteoporosis. Therapeutics and Clinical Risk Management, 2017, Volume 13, 1333-1341.	0.9	6
108	Comparison of stress levels between physicians working in public and private hospitals in Johor, Malaysia. Journal of Taibah University Medical Sciences, 2018, 13, 491-495.	0.5	6

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109	Effects of Calcium and Annatto Tocotrienol Supplementation on Bone Loss Induced by Pantoprazole in Male Rats . Drug Design, Development and Therapy, 2020, Volume 14, 2561-2572.	2.0	6
110	Development of Osteoporosis Screening Algorithm for Population Aged 50 Years and above in Klang Valley, Malaysia. International Journal of Environmental Research and Public Health, 2020, 17, 2526.	1.2	6
111	Skeletal microenvironment system utilising bovine bone scaffold coâ€‘cultured with human osteoblasts and osteoclastâ€‘like cells. Experimental and Therapeutic Medicine, 2021, 22, 680.	0.8	6
112	Piper Sarmentosum: A New Hope for the Treatment of Osteoporosis. Current Drug Targets, 2013, 14, 1675-1682.	1.0	6
113	A review on the molecular basis underlying the protective effects of Andrographis paniculata and andrographolide against myocardial injury. Drug Design, Development and Therapy, 2021, Volume 15, 4615-4632.	2.0	6
114	Effect of a Screening and Education Programme on Knowledge, Beliefs, and Practices Regarding Osteoporosis among Malaysians. International Journal of Environmental Research and Public Health, 2022, 19, 6072.	1.2	6
115	The Skeletal Effects of Gonadotropin-Releasing Hormone Antagonists: A Concise Review. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 1713-1720.	0.6	5
116	Biochemical and histopathological assessment of liver in a rat model of metabolic syndrome induced by highâ€carbohydrate highâ€fat diet. Journal of Food Biochemistry, 2020, 44, e13371.	1.2	4
117	Can telomere length predict bone health? A review of current evidence. Bosnian Journal of Basic Medical Sciences, 2020, 20, 423-429.	0.6	4
118	Effects of astaxanthin on the protection of muscle health (Review). Experimental and Therapeutic Medicine, 2020, 20, 2941-2952.	0.8	4
119	Attitude of Asians to Calcium and Vitamin D Rich Foods and Supplements: A Systematic Review. Sains Malaysiana, 2018, 47, 1801-1810.	0.3	3
120	Lessons from the Bone Chapter of the Malaysian Aging Men Study. International Journal of Environmental Research and Public Health, 2016, 13, 531.	1.2	2
121	Circulating Biomarkers Related to Osteocyte and Calcium Homeostasis between Postmenopausal Women with and without Osteoporosis. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, .	0.6	2
122	Comments on tocotrienols, health and ageing. Maturitas, 2017, 96, 118.	1.0	0
123	The Role of Dietary Compounds in the Therapy of Nicotine-Induced Osteoporosis. Current Drug Targets, 2018, 19, 1424-1430.	1.0	0