

BOLERIAN'S QUERY	RESULTS	EXCLUDED	NOTES
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AND ERGOSTEROL
ERGOCALCIFEROL

temperature AND ergocalciferol	61	56
temperature AND BMD AND ergocalciferol	372	367
BMD AND ergocalciferol	72	70
BMD AND ergosterol	2	1
Immune system AND ergocalciferol	152	150
Immune system AND ergosterol	196	196
cognitive function AND ergocalciferol	14	14
cognitive function AND ergosterol	8	8
hypertension AND ergocalciferol	116	116
hypertension AND neoplasms AND	6	6
neoplasms AND ergosterol	226	226
neoplasms AND ergosterol	374	368
Musculoskeletal Pain AND musculoskeletal Pain AND	11	10
latitude AND ergocalciferol	1	1
latitude AND ergocalciferol	49	48
latitude AND ergosterol	5	5

AND AGARICALES

Weight gain AND agaricales	49	39
BMD AND Agaricales	2	2
cognitive function AND agaricales	23	16
Hypertension AND immune system AND	52	48
ergocalciferol AND immune system AND	2	2
ergosterol AND agaricales	11	10
Musculoskeletal pain AND ergocalciferol AND	1	1
Neoplasms AND ergosterol AND agaricales	21	20
Sunlight AND agaricales	101	80
UVB AND irradiation AND agaricales	16	9
UVA AND irradiation AND UVC AND irradiation AND	8	7
agaricales	5	2

temperature AND ergocalciferol AND temperature AND ergosterol AND agaricales	6 12	1 6
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AND POLYPORALES

Weight gain AND BMD AND polyporales cognitive function AND polyporales Hypertension AND polyporales immune system AND ergocalciferol AND polyporales immune system AND ergosterol AND polyporales Musculoskeletal pain AND ergocalciferol AND polyporales Musculoskeletal pain AND polyporales Neoplasms AND ergosterol AND polyporales Sunlight AND Polyporales	20 0 14 43 0 13 0 35 14 25	20 0 14 34 0 13 0 30 11 25
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UVA AND irradiation AND Polyporales UVB AND irradiation AND Polyporales UVC AND irradiation AND Polyporales temperature AND ergocalciferol AND Polyporales temperature AND ergosterol AND Polyporales	1 4 0 0 6	1 4 0 0 6
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ALTRO

Vitamin D2 Enhanced Mushrooms Vitamin D Enhanced Mushrooms Vitamin D Enriched Mushrooms Ultraviolet AND Irradiated AND Mushrooms	4 25 22 78	4 11 10 52
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Auriculariales	22	22.00
Tremellales	108	108.00
Total n. of papers	2408	
Total n. of papers (without duplicates)	2116	
Total n. of selected papers	98	chosen for review
Total n. of selected papers Phase 2	50	Selected articles about mushrooms enriched by exposure to UV or sunlight
Total n. of selected papers Phase 3	18	Double-blind studies only, on humans or animal models
Papers on human samples	6	
Papers on animal samples	12	