

Search strategy

Contents

1	MEDLINE(PubMed).....	2
2	EMBASE	9
3	Cochrane Library.....	12
4	Conference Proceedings Citation Index – Science & Science Citation Index Expanded (Web of Science)....	14

From inception to 2018/3/19
Search results 4,515
Search items

Search	Query	Items found
#63	Search (((((((((((((((((((((((((((((procollagen with propeptide[Title/Abstract]) OR procollagen with peptide[Title/Abstract]) OR collagen with propeptide[Title/Abstract]) OR ((PINP[Title/Abstract] OR P1NP[Title/Abstract]))) OR ((PICP[Title/Abstract] OR P1CP[Title/Abstract]))) OR (((BSAP[Title/Abstract] OR BALP[Title/Abstract] OR BAP[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone specific alkaline phosphatase*[Title/Abstract]) OR bone alkaline phosphatase*[Title/Abstract]) OR bone source alkaline phosphatase*[Title/Abstract]) OR (((NTX[Title/Abstract] OR CTX[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR crosslaps[Title/Abstract]) OR telopeptide* with collagen[Title/Abstract]) OR n-telopeptide* with collagen[Title/Abstract]) OR c-telopeptide* with collagen[Title/Abstract]) OR ((Oxyproline[Title/Abstract] OR hydroxyproline[Title/Abstract]))) OR ((PYD[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR pyridinoline[Title/Abstract]) OR deoxypyridinoline[Title/Abstract]) OR ((DPD[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone sialoprotein[Title/Abstract]) OR ((BSP[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR tartrate-resistant acid phosphatase[Title/Abstract]) OR (((tracp[Title/Abstract] OR TRACP[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone turnover marker*[Title/Abstract]) OR bone with biochemical marker*[Title/Abstract]) OR bone metabolic marker*[Title/Abstract]) OR (((biological marker*[Title/Abstract]) OR biochemical marker*[Title/Abstract]) OR biomarker*[Title/Abstract] with bone*)) OR (((("Bone and Bones"[Mesh]) AND ("Biomarkers, Pharmacological"[Mesh] OR "Biomarkers"[Mesh]))) OR osteocalcin[Title/Abstract]) OR ((OC[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) AND (((("Osteoporosis, Postmenopausal"[Mesh] OR "Osteoporosis"[Mesh]) OR osteoporo*[Title/Abstract]) AND (((((((((((((((((((((((("Diphosphonates"[Mesh]) OR "alendronate"[Mesh]) OR "ibandronate"[Mesh]) OR "risedronate"[Mesh]) OR "zoledronic acid"[Mesh]) OR "clodronate"[Mesh]) OR "etidronic acid"[Mesh])) OR ((bisphosphonate*[Title/Abstract]) OR diphosphonate*[Title/Abstract]))) OR ((bisphosphonate* OR diphosphonate*)) OR (ibandronate OR Ibandronic acid OR 114084-78-5 [rn])) OR (((((((((((((((Acide alendronique) OR Acido alendronico) OR Acidum alendronicum) OR Alendronic acid) OR Arendal) OR Fosamax Plus D) OR BINOSTO) OR Adronat) OR Alendronate sodium) OR Alendronate sodium hydrate) OR Alendros) OR Dronal) OR Elandor) OR Fosalan) OR Fosamax) OR Sodium alendronate hydrate) OR Alendronate calcium)) OR	4,515

Search	Query	Items found
	((((((((Ibandronate) OR Acid ibandronico) OR Bondenza) OR Bondronat) OR Bonviva) OR Ibandronate) OR Ibandronic acid)) OR (((((((Risedronate) OR Acide risedronique) OR Acido risedronico) OR Acidum risedronicum) OR Risedronate) OR Risedronic acid) OR Actonel) OR Actonel with Calcium)) OR (((((((Zoledronic acid) OR Aclasta) OR Orazol) OR Reclast) OR Zoledronate) OR Zometa) OR Reclast)) OR (((((((Clodronate) OR Acide clodronique) OR Acido clodronico) OR Clodronic acid) OR Clodronsaeure) OR Bonefos) OR Ostac) OR Clasteon) OR Cl2MDP)) OR (((((((Etidronic acid) OR Etidronate) OR Etidronsaeure) OR Ferrofos) OR EHDP) OR Acidum etidronicum) OR Acido etidronico) OR Acetodiphosphonic acid)) OR ((((((Strontium ranelate) OR Distrontium renelate) OR Osseor) OR Protelos) OR Protos) OR Ranelic acid distrontium salt)) OR (((((((((((((((((((((((((((((((Calcitonin) OR Astronin) OR Biocalcin) OR Bionocalcin) OR Cadens) OR Calciben) OR Calcihexal) OR Calcimar) OR Calcimonta) OR Calcinil) OR Calcioton) OR Calcitonin salmon) OR Calcitonin vom lachs) OR Calcitonin, salmar) OR Calcitonina) OR Calcitoran) OR Calco) OR Calogen) OR Calsynar) OR Caltine) OR Casalm) OR Catonin) OR Cibacalcin*) OR Citonina) OR Eptacalcin) OR Ipocalcin) OR Kalsimin) OR Karil) OR Miacalcin) OR Oseototal) OR Ucecal) OR Tonocalcin) OR Thyrocalcitonin) OR Steocin) OR Staporos) OR Stalcin) OR Sical) OR Salmon calcitonin) OR Salmocalcin) OR Salmofar) OR Salcatyn) OR Salcatonin) OR Salcat) OR Rulicalcin) OR Riostin) OR Quosten) OR Prontocalcin) OR Porostenina) OR Ostostabil) OR Ostosalm) OR Ostora) OR Osteovis) OR Osteobion) OR Osseocalcina)) OR ("Estrogen Replacement Therapy"[Mesh] OR "Hormone Replacement Therapy"[Mesh])) OR (((Estrogen Replacement Therapy) OR Hormone Replacement Therapy) OR Estrogen/progesterone hormone therapy)) OR (((HRT[Title/Abstract]) OR ERT[Title/Abstract]) OR HT[Title/Abstract])) OR (((Denosumab) OR Prolia) OR Xgeva)) OR "Denosumab"[Mesh]) OR "Teriparatide"[Mesh]) OR (((((((((((Teriparatide) OR Parathar) OR human PTH (1-34)) OR 1-34-parathormone human) OR Forteo) OR HPTH 1-34) OR HSDB) OR Parathyroid hormone peptide (1-34)) OR human parathyroid hormone (1-34)) OR human parathormone (1-34)) OR Teriparatida) OR Teriparatidum)) OR "Raloxifene Hydrochloride"[Mesh]) OR (((((((Raloxifene) OR Evista) OR HSDB) OR PharoXifene) OR CCRIS) OR Raloxifeno) OR Raloxifenum))) OR ((treatment*[Title/Abstract] OR treat[Title/Abstract] OR treated[Title/Abstract] OR treats[Title/Abstract] OR therap*[Title/Abstract]))) NOT ((animals[MeSH Terms]) NOT human*[MeSH Terms])	
#62	Search (animals[MeSH Terms]) NOT human*[MeSH Terms]	4,420,592
#61	Search human*[MeSH Terms]	17,167,925
#60	Search animals[MeSH Terms]	21,377,315
#59	Search (((((((((((((((((((((((((((procollagen with propeptide[Title/Abstract]) OR procollagen with peptide[Title/Abstract]) OR collagen with propeptide[Title/Abstract]) OR ((PINP[Title/Abstract] OR PINP[Title/Abstract]))) OR ((PICP[Title/Abstract] OR	5,631

Search	Query	Items found
	<p> PICP[Title/Abstract])) OR (((BSAP[Title/Abstract] OR BALP[Title/Abstract] OR BAP[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone specific alkaline phosphatase*[Title/Abstract]) OR bone alkaline phosphatase*[Title/Abstract]) OR bone source alkaline phosphatase*[Title/Abstract]) OR (((NTX[Title/Abstract] OR CTX[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR crosslaps[Title/Abstract]) OR telopeptide* with collagen[Title/Abstract]) OR n-telopeptide* with collagen[Title/Abstract]) OR c-telopeptide* with collagen[Title/Abstract]) OR ((Oxyproline[Title/Abstract] OR hydroxyproline[Title/Abstract])) OR ((PYD[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR pyridinoline[Title/Abstract]) OR deoxypyridinoline[Title/Abstract]) OR ((DPD[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone sialoprotein[Title/Abstract]) OR ((BSP[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR tartrate-resistant acid phosphatase[Title/Abstract]) OR (((tracp[Title/Abstract] OR TRACP[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone turnover marker*[Title/Abstract]) OR bone with biochemical marker*[Title/Abstract]) OR bone metabolic marker*[Title/Abstract]) OR (((((biological marker*[Title/Abstract]) OR biochemical marker*[Title/Abstract]) OR biomarker*[Title/Abstract] with bone*))) OR (((("Bone and Bones"[Mesh])) AND ("Biomarkers, Pharmacological"[Mesh] OR "Biomarkers"[Mesh])) OR osteocalcin[Title/Abstract]) OR ((OC[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*))) AND (((("Osteoporosis, Postmenopausal"[Mesh] OR "Osteoporosis"[Mesh])) OR osteoporo*[Title/Abstract])) AND (((((((((((((((((((("Diphosphonates"[Mesh] OR "alendronate"[Mesh] OR "ibandronate"[Mesh] OR "risedronate"[Mesh] OR "zoledronic acid"[Mesh] OR "clodronate"[Mesh] OR "etidronic acid"[Mesh])) OR ((bisphosphonate*[Title/Abstract]) OR diphosphonate*[Title/Abstract])) OR ((bisphosphonate* OR diphosphonate*)) OR (ibandronate OR Ibandronic acid OR 114084-78-5 [rn])) OR (((((((((((Acide alendronique) OR Acido alendronico) OR Acidum alendronicum) OR Alendronic acid) OR Arendal) OR Fosamax Plus D) OR BINOSTO) OR Adronat) OR Alendronate sodium) OR Alendronate sodium hydrate) OR Alendros) OR Dronal) OR Elandor) OR Fosalan) OR Fosamax) OR Sodium alendronate hydrate) OR Alendronate calcium)) OR ((((((Ibandronate) OR Acid ibandronico) OR Bondenza) OR Bondronat) OR Bonviva) OR Ibandronate) OR Ibandronic acid)) OR ((((((Risedronate) OR Acide risedronique) OR Acido risedronico) OR Acidum risedronicum) OR Risedronate) OR Risedronic acid) OR Actonel) OR Actonel with Calcium)) OR ((((((Zoledronic acid) OR Aclasta) OR Orazol) OR Reclast) OR Zoledronate) OR Zometa) OR Reclast)) OR (((((((Clodronate) OR Acide clodronique) OR Acido clodronico) OR Clodronic acid) OR Clodronsaeure) OR Bonefos) OR Ostac) OR Clasteon) OR Cl2MDP)) OR (((((((Etidronic acid) OR Etidronate) OR Etidronsaeure) OR Ferrofos) OR EHDP) OR Acidum etidronicum) OR Acido etidronico) </p>	

Search	Query	Items found
	Calcimonta) OR Calcinil) OR Calciton) OR Calcitonin salmon) OR Calcitonin vom lachs) OR Calcitonin, salmar) OR Calcitonina) OR Calcitoran) OR Calco) OR Calogen) OR Calsynar) OR Caltine) OR Casalm) OR Catonin) OR Cibacalcin*) OR Citonina) OR Eptacalcin) OR Ipocalcin) OR Kalsimin) OR Karil) OR Miacalcin) OR Oseototal) OR Ucecal) OR Tonocalcin) OR Thyrocalcitonin) OR Steocin) OR Staporos) OR Stalcin) OR Sical) OR Salmon calcitonin) OR Salmocalcin) OR Salmofar) OR Salcatyn) OR Salcatonin) OR Salcat) OR Rulicalcin) OR Riostin) OR Quosten) OR Prontocalcin) OR Porostenina) OR Ostostabil) OR Ostosalm) OR Ostora) OR Osteovis) OR Osteobion) OR Osseocalcina	
#46	Search ((((((Strontium ranelate) OR Distrontium renelate) OR Osseor) OR Protelos) OR Protos) OR Ranelic acid distrontium salt	787
#45	Search (((((((Etidronic acid) OR Etidronate) OR Etidronsaeure) OR Ferrofos) OR EHDP) OR Acidum etidronicum) OR Acido etidronico) OR Acetodiphosphonic acid	3,696
#44	Search (((((((((Clodronate) OR Acide clodronique) OR Acido clodronico) OR Clodronic acid) OR Clodronsaeure) OR Bonefos) OR Ostac) OR Clasteon) OR Cl2MDP	2,455
#43	Search (((((((Zoledronic acid) OR Aclasta) OR Orazol) OR Reclast) OR Zoledronate) OR Zometa) OR Reclast	4,566
#42	Search (((((((((Risedronate) OR Acide risedronique) OR Acido risedronico) OR Acidum risedronicum) OR Risedronate) OR Risedronic acid) OR Actonel) OR Actonel with Calcium	2,077
#41	Search (((((((Ibandronate) OR Acid ibandronico) OR Bondenza) OR Bondronat) OR Bonviva) OR Ibandronate) OR Ibandronic acid	2,783,821
#40	Search (((((((((((Acide alendronique) OR Acido alendronico) OR Acidum alendronicum) OR Alendronic acid) OR Arendal) OR Fosamax Plus D) OR BINOSTO) OR Adronat) OR Alendronate sodium) OR Alendronate sodium hydrate) OR Alendros) OR Dronal) OR Elandor) OR Fosalan) OR Fosamax) OR Sodium alendronate hydrate) OR Alendronate calcium	5,550
#39	Search ibandronate OR Ibandronic acid OR 114084-78-5 [rn] Sort by: PublicationDate	1,092
#38	Search (bisphosphonate* OR diphosphonate*)	24,950
#37	Search ((bisphosphonate*[Title/Abstract]) OR diphosphonate*[Title/Abstract])	18,570
#36	Search (((((((("Diphosphonates"[Mesh]) OR "alendronate"[Mesh]) OR "ibandronate"[Mesh]) OR "risedronate"[Mesh]) OR "zoledronic acid"[Mesh]) OR "clodronate"[Mesh]) OR "etidronic acid"[Mesh]	23,765
#35	Search (("Osteoporosis, Postmenopausal"[Mesh] OR "Osteoporosis"[Mesh])) OR osteoporo*[Title/Abstract]	81,233
#34	Search "Osteoporosis, Postmenopausal"[Mesh] OR "Osteoporosis"[Mesh] Sort by: PublicationDate	51,018
#33	Search osteoporo*[Title/Abstract]	67,306
#32	Search (((((((((((((((procollagen with propeptide[Title/Abstract]) OR procollagen with peptide[Title/Abstract]) OR collagen with propeptide[Title/Abstract]) OR ((PINP[Title/Abstract] OR P1NP[Title/Abstract]))) OR ((PICP[Title/Abstract] OR P1CP[Title/Abstract]))) OR ((BSAP[Title/Abstract] OR BALP[Title/Abstract] OR	51,775

Search	Query	Items found
	BAP[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone specific alkaline phosphatase*[Title/Abstract]) OR bone alkaline phosphatase*[Title/Abstract]) OR bone source alkaline phosphatase*[Title/Abstract]) OR (((NTX[Title/Abstract] OR CTX[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR crosslaps[Title/Abstract]) OR telopeptide* with collagen[Title/Abstract]) OR n-telopeptide* with collagen[Title/Abstract]) OR c-telopeptide* with collagen[Title/Abstract]) OR (((Oxyproline[Title/Abstract] OR hydroxyproline[Title/Abstract])) OR ((PYD[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR pyridinoline[Title/Abstract]) OR deoxypyridinoline[Title/Abstract]) OR ((DPD[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone sialoprotein[Title/Abstract]) OR ((BSP[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR tartrate-resistant acid phosphatase[Title/Abstract]) OR (((tracp[Title/Abstract] OR TRACP[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)) OR bone turnover marker*[Title/Abstract]) OR bone with biochemical marker*[Title/Abstract]) OR bone metabolic marker*[Title/Abstract]) OR (((((biological marker*[Title/Abstract]) OR biochemical marker*[Title/Abstract]) OR biomarker*[Title/Abstract] with bone*)))) OR (((("Bone and Bones"[Mesh])) AND ("Biomarkers, Pharmacological"[Mesh] OR "Biomarkers"[Mesh])) OR osteocalcin[Title/Abstract]) OR ((OC[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*))	
#31	Search (OC[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)	3,950
#30	Search osteocalcin[Title/Abstract]	14,914
#29	Search (("Bone and Bones"[Mesh])) AND ("Biomarkers, Pharmacological"[Mesh] OR "Biomarkers"[Mesh])	7,768
#28	Search "Bone and Bones"[Mesh] Sort by: PublicationDate	558,242
#27	Search "Biomarkers, Pharmacological"[Mesh] OR "Biomarkers"[Mesh] Sort by: PublicationDate	640,956
#26	Search (((((biological marker*[Title/Abstract]) OR biochemical marker*[Title/Abstract]) OR biomarker*[Title/Abstract] with bone*)))	9,031
#25	Search bone metabolic marker*[Title/Abstract]	319
#24	Search bone with biochemical marker*[Title/Abstract]	3,383
#23	Search bone turnover marker*[Title/Abstract]	2,718
#22	Search ((tracp[Title/Abstract] OR TRACP[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)	535
#21	Search tartrate-resistant acid phosphatase[Title/Abstract]	4,135
#20	Search (BSP[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)	1,277
#19	Search bone sialoprotein[Title/Abstract]	2,069

Search	Query	Items found
#18	Search (DPD[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)	1,002
#17	Search deoxypyridinoline[Title/Abstract]	2,049
#16	Search pyridinoline[Title/Abstract]	1,533
#15	Search (PYD[Title/Abstract]) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)	300
#14	Search (Oxyproline[Title/Abstract] OR hydroxyproline[Title/Abstract])	12,522
#13	Search c-telopeptide* with collagen[Title/Abstract]	820
#12	Search n-telopeptide* with collagen[Title/Abstract]	884
#11	Search telopeptide* with collagen[Title/Abstract]	4,284
#10	Search crosslaps[Title/Abstract]	455
#9	Search ((NTX[Title/Abstract] OR CTX[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)	3,644
#8	Search bone source alkaline phosphatase*[Title/Abstract]	504
#7	Search bone alkaline phosphatase*[Title/Abstract]	1,546
#6	Search bone specific alkaline phosphatase*[Title/Abstract]	1,711
#5	Search ((BSAP[Title/Abstract] OR BALP[Title/Abstract] OR BAP[Title/Abstract])) AND (bone OR bones OR biomarker* OR biological marker* OR biochemical marker*)	1,830
#4	Search collagen with propeptide[Title/Abstract]	2,814
#3	Search procollagen with peptide[Title/Abstract]	1,610
#2	Search procollagen with propeptide[Title/Abstract]	2,575
#1	Search (PINP[Title/Abstract] OR PICP[Title/Abstract] OR P1NP[Title/Abstract] OR P1CP[Title/Abstract])	2,117

2 EMBASE

From inception to 2018/3/22

Search results 7,782

Search items

No.	Query	Results
#80	#73 NOT #79	7,782
#79	#76 NOT #78	6,346,461
#78	#76 AND #77	19,226,763
#77	'human'/exp	19,226,763
#76	#74 OR #75	25,573,224
#75	'nonhuman'/exp	5,355,039
#74	'animal'/exp	24,234,136
#73	#42 AND #45 AND #72	9,856
#72	#46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71	8,661,858

No.	Query	Results
#71	treatment* OR treat OR treated OR treats OR therap*:ti,ab	8,597,473
#70	raloxifene OR evista OR hsdh OR pharoxifene OR ccris OR raloxifeno OR raloxifenum	11,004
#69	'raloxifene'/de	10,619
#68	teriparatide OR parathar OR 'human pth (1-34)' OR '1-34-parathormone human' OR forteo OR 'hpth 1-34' OR hsdh OR 'parathyroid hormone peptide (1-34)' OR 'human parathyroid hormone (1-34)' OR 'human parathormone (1-34)' OR teriparatida OR teriparatidum	3,822
#67	'teriparatide'/de	6,302
#66	denosumab OR prolia OR xgeva	6,691
#65	'denosumab'/de	6,409
#64	'estrogen replacement therapy' OR 'hormone replacement therapy' OR 'estrogen/progesterone hormone therapy' OR 'estrogen therapy'	39,565
#63	'hormone replacement therapy'/de	34,257
#62	'estrogen replacement therapy'/de	22,441
#61	calcitonin OR astronin OR biocalcin OR bionocalcin OR cadens OR calciben OR calcihexal OR calcimar OR calcimonta OR calcinil OR calcioton OR 'calcitonin salmon' OR 'calcitonin vom lachs' OR 'calcitonin, salmar' OR calcitonina OR calcitoran OR calco OR calogen OR calsynar OR caltine OR casalm OR catonin OR cibacalcin* OR citonina OR eptacalcin OR ipocalcin OR kalsimin OR karil OR miacalcin OR oseototal OR ucecal OR tonocalcin OR thyrocalcitonin OR steocin OR staporos OR stalcin OR sical OR 'salmon calcitonin' OR salmocalcin OR salmofar OR salcatyn OR salcatonin OR salcat OR rulicalcin OR riostin OR quosten OR prontocalcin OR porostenina OR ostostabil OR ostosalm OR ostora OR osteovis OR osteobion OR osseocalcina	45,766
#60	'strontium ranelate' OR 'distrontium renelate' OR osseor OR protelos OR protos OR 'ranelic acid distrontium salt'	2,630
#59	'etidronic acid' OR etidronate OR etidronsaeure OR ferrofos OR ehdp OR 'acidum etidronicum' OR 'acido etidronico' OR 'acetodiphosphonic acid'	8,387
#58	clodronate OR 'acide clodronique' OR 'acido clodronico' OR 'clodronic acid' OR clodronsaeure OR bonefos OR ostac OR clasteon OR cl2mdp	6,317
#57	'zoledronic acid' OR aclasta OR orazol OR zoledronateor OR zometa OR reclast	14,302
#56	'acide risedronique' OR 'acido risedronico' OR 'acidum risedronicum' OR risedronate OR 'risedronic acid' OR actonel OR 'actonel with calcium'	7,382
#55	'acid ibandronico' OR bondenza OR bondronat OR bonviva OR ibandronate OR 'ibandronic acid'	4,966
#54	'acide alendronique' OR 'acido alendronico' OR 'acidum alendronicum' OR 'alendronic acid' OR fosamax OR 'fosamax plus d' OR arendal OR binosto OR adronat OR alendros OR dronal OR elandor OR fosalan OR 'sodium alendronate hydrate' OR 'alendronate calcium alendronate sodium' OR 'alendronate sodium hydrate'	15,440
#53	'bisphosphonate*' OR 'diphosphonate*'	27,921
#52	'etidronic acid'/de	6,702
#51	'clodronate'/de	6,032

No.	Query	Results
#50	'zoledronic acid'/de	14,038
#49	'ibandronate'/de	4,870
#48	'ibandronate'/de	4,870
#47	'alendronate'/de	14,760
#46	'diphosphonates'/de	30,868
#45	#43 OR #44	138,949
#44	'osteoporosis'/exp	115,797
#43	osteoporo*:ti,ab	99,176
#42	#1 OR #2 OR #3 OR #4 OR #7 OR #8 OR #9 OR #10 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #19 OR #20 OR #21 OR #23 OR #24 OR #26 OR #27 OR #29 OR #30 OR #31 OR #38 OR #39 OR #41	124,716
#41	#6 AND #40	6,859
#40	oc:ti,ab	24,154
#39	'osteocalcin':ti,ab	19,648
#38	#36 AND #37	83,141
#37	bone OR 'bone turnover':ti,ab	1,286,652
#36	#32 OR #33 OR #34 OR #35	1,122,587
#35	biomarker*:ti,ab	282,957
#34	marker*:ti,ab	904,073
#33	'biochemical marker*':ti,ab	18,201
#32	'biological marker*':ti,ab	10,672
#31	'bone metabolic marker*':ti,ab	445
#30	'bone turnover marker*':ti,ab	4,461
#29	#6 AND #28	931
#28	tracp:ti,ab	951
#27	'tartrate resistant acid phosphatase':ti,ab	5,011
#26	#6 AND #25	1,603
#25	bsp:ti,ab	3,998
#24	bone AND sialoprotein:ti,ab	2,492
#23	#6 AND #22	1,601
#22	dpd:ti,ab	3,745
#21	'deoxypyridinoline':ti,ab	2,454
#20	'pyridinoline':ti,ab	1,798
#19	#6 AND #18	424
#18	pyd:ti,ab	860
#17	oxyproline OR 'hydroxyproline':ti,ab	14,827
#16	'n-telopeptide' NEAR/5 collagen	700
#15	'c-telopeptide' NEAR/5 collagen	948
#14	telopeptide NEAR/5 collagen	4,954
#13	crosslaps:ti,ab	861
#12	#6 AND #11	7,476
#11	ntx OR ctx:ti,ab	18,198

No.	Query	Results
#10	'bone alkaline phosphatase*':ti,ab	2,153
#9	'bone source alkaline phosphatase*':ti,ab	1
#8	'bone specific alkaline phosphatase':ti,ab	2,337
#7	#5 AND #6	3,230
#6	bone OR bones OR marker* OR biomarker* OR 'biological marker*' OR 'biochemical marker*'	2,485,148
#5	bsap OR balp OR bap:ti,ab	8,881
#4	collagen NEAR/5 propeptide	1,300
#3	procollagen NEAR/5 peptide	1,922
#2	procollagen NEAR/5 propeptide	3,159
#1	picp OR pinp OR p1cp OR p1np:ti,ab	4,010

ti title

ab abstract

3 Cochrane Library

From inception to 2018/3/20

Including subdatabases:

Cochrane Central Register of Controlled Trials 1975

Cochrane Database of Systematic Reviews(CDSR) 123

Database of Abstracts of Reviews of Effect(DARE) 15

Health Technology Assessment Database 5

NHS Economic Evaluation Database 3

Search items

ID	Search	Hits
#1	P1NP or PICP or PINP or PICP	679
#2	procollagen near/3 propeptide	106
#3	procollagen near/3 peptide	201
#4	collagen near/3 propeptide	45
#5	bsap or balp or bap	507
#6	bone or bones or biomarker* or biological marker* or biochemical marker*	69,092
#7	#5 and #6	398
#8	bone alkaline phosphatase*	2,225
#9	bone specific alkaline phosphatase*	815
#10	bone source alkaline phosphatase*	117
#11	NTX or CTX	1,877
#12	#11 and #6	1,179
#13	crosslaps	100
#14	telopeptide near/3 collagen	333
#15	'c-telopeptide' near/3 collagen	89
#16	'n-telopeptide' near/3 collagen	63
#17	oxyproline or hydroxyproline	586

ID	Search	Hits
#18	PYD	55
#19	#18 and #6	49
#20	pyridinoline	232
#21	DPD	250
#22	#21 and #6	161
#23	deoxypyridinoline	453
#24	sialoprotein	15
#25	BSP	86
#26	#25 and #6	19
#27	tartrate resistant acid phosphatase	163
#28	TRACP	39
#29	#28 and #6	37
#30	osteocalcin	1,789
#31	bone turnover marker*	2,022
#32	bone metabolic marker*	608
#33	('biological marker*' or 'biochemical marker' or 'biomarker*') near/2 bone*	1,104
#34	#1 or #2 or #3 or #4 or #7 or #8 or #9 or #10 or #12 or #13 or #14 or #15 or #16 or #17 or #19 or #20 or #22 or #23 or #24 or #26 or #27 or #29 or #30 or #31 or #32 or #33	5,759
#35	MeSH descriptor: [Osteoporosis] explode all trees	3,614
#36	osteoporo*	8,729
#37	#35 or #36	8,729
#38	MeSH descriptor: [Diphosphonates] this term only	1,117
#39	MeSH descriptor: [Alendronate] this term only	649
#40	MeSH descriptor: [Etidronic Acid] this term only	433
#41	MeSH descriptor: [Clodronic Acid] this term only	185
#42	bisphosphonate* or diphosphonate*	2,408
#43	fosamax or "fosamax plus d " or "alendronic acid" or arendal or binosto or adronat or alendros or dronal or elandor or fosalan or "sodium alendronate hydrate" or "alendronate calcium alendronate sodium" or "alendronate sodium hydrate" or "acido alendronico" or "acide alendronique"	555
#44	'acid ibandronico' or bondenza or bondronat or bonviva or ibandronate or 'ibandronic acid'	382
#45	'acide risedronique' or cido risedronico' or 'cidum risedronicum' or risedronate or 'isedronic acid' or actonel or 'ctonel with calcium'	582
#46	'zoledronic acid' or aclasta or orazol or zoledronateor or zometa or reclast	1,009
#47	clodronate or 'acide clodronique' or 'acido clodronico' or 'clodronic acid' or clodronsaeure or bonefos or ostac or clasteon or cl2mdp	382
#48	'etidronic acid' or etidronate or etidronsaeure or ferrofos or ehdp or 'acidum etidronicum' or 'acido etidronico' or 'acetodiphosphonic acid'	651
#49	'strontium ranelate' or 'distrontium renelate' or osseor or protelos or protos or 'ranelic acid distrontium salt'	183
#50	calcitonin or astronin or biocalcin or bionocalcin or cadens or calciben or calcihexal or	1,557

ID	Search	Hits
	calcimar or calcimonta or calcinil or calcioton or 'calcitonin salmon' or 'calcitonin vom lachs' or 'calcitonin, salmar' or calcitonina or calcitoran or calco or calogen or calsynar or caltine or casalm or catonin or cibacalcin* or citonina or eptacalcin or ipocalcin or kalsimin or karil or miacalcin or oseototal or ucecal or tonocalcin or thyrocalcitonin or steocin or staporos or stalcin or sical or 'salmon calcitonin' or salmocalcin or salmofar or salcatyn or salcatonin or salcat or rulicalcin or riostin or quosten or prontocalcin or porostenina or ostostabil or ostosalm or ostora or osteovis or osteobion or osseocalcina	
#51	MeSH descriptor: [Estrogen Replacement Therapy] this term only	2,151
#52	MeSH descriptor: [Hormone Replacement Therapy] this term only	903
#53	'estrogen replacement therapy' or 'hormone replacement therapy' or 'estrogen progesterone hormone therapy'	5,894
#54	MeSH descriptor: [Raloxifene Hydrochloride] this term only	441
#55	raloxifene or evista or hsdh or pharoxifene or ccris or raloxifeno or raloxifenum	854
#56	MeSH descriptor: [Denosumab] this term only	131
#57	denosumab or prolia or xgeva	552
#58	MeSH descriptor: [Teriparatide] this term only	208
#59	teriparatide or parathar or 'human pth (1-34) ' or '1-34-parathormone human' or forteo or 'hpth 1-34' or hsdh or 'parathyroid hormone peptide (1-34) ' or 'human parathyroid hormone (1-34) ' or 'human parathormone (1-34) ' or teriparatida or teriparatidum	438
#60	treatment* or treat or treated or treats or therap*	760,984
#61	#38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #48 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60	761,812
#62	#34 and #37 and #61	2,121

4 Conference Proceedings Citation Index – Science & Science Citation Index Expanded (Web of Science)

Search library from 1900-2018

Search data 2018/3/22

Search research 6746

Search items

Set	Results	History
# 42	6746	#41 AND #25 AND #24
# 41	6023219	#40 OR #39 OR #38 OR #37 OR #36 OR #35 OR #34 OR #33 OR #32 OR #31 OR #30 OR #29 OR #28 OR #27 OR #26
# 40	5988734	TS=(treatment* OR treat OR treated OR treats OR therap*)
# 39	4234	TS=(raloxifene OR evista OR hsdh OR pharoxifene OR ccris OR raloxifeno OR raloxifenum)

Set	Results	History
# 38	3559	TS=(teriparatide OR parathar OR (human pth (1-34)) OR (1-34-parathormone human) OR forteo OR (hpth 1-34) OR hsdh OR (parathyroid hormone peptide (1-34)) OR (human parathyroid hormone (1-34)) OR (human parathormone (1-34)) OR teriparatida OR teriparatidum)
# 37	2622	TS=(denosumab OR prolia OR xgeva)
# 36	24269	TS=("estrogen replacement therapy" OR "hormone replacement therapy" OR "estrogen/progesterone hormone therapy" OR "estrogen therapy")
# 35	25484	TS=(calcitonin OR astronin OR biocalcin OR bionocalcin OR cadens OR calciben OR calcihexal OR calcimar OR calcimonta OR calcinil OR calcioton OR "calcitonin salmon" OR "calcitonin vom lachs" OR 'calcitonin, salmar' OR calcitonina OR calcitoran OR calco OR calogen OR calsynar OR caltine OR casalm OR catonin OR cibacalcin* OR citonina OR eptacalcin OR ipocalcin OR kalsimin OR karil OR miacalcin OR oseototal OR ucecal OR tonocalcin OR thyrocalcitonin OR steocin OR staporos OR stalcin OR sical OR "salmon calcitonin" OR salmocalcin OR salmofar OR salcatyn OR salcatonin OR salcat OR rulicalcin OR riostin OR quosten OR prontocalcin OR porostenina OR ostostabil OR ostosalm OR ostora OR osteovis OR osteobion OR osseocalcina)
# 34	1462	TS=("strontium ranelate" OR "distrontium renelate" OR osseor OR protelos OR protos OR "ranelic acid distrontium salt")
# 33	2222	TS=("etidronic acid" OR etidronate OR etidronsaeure OR ferrofos OR ehdp OR "acidum etidronicum" OR "acido etidronico" OR "acetodiphosphonic acid")
# 32	2675	TS=(clodronate OR "acide clodronique" OR "acido clodronico" OR "clodronic acid" OR clodronsaeure OR bonefos OR ostac OR clasteon OR cl2mdp)
# 31	7021	TS=("zoledronic acid" OR aclasta OR orazol OR zoledronateor OR zometa OR reclast)
# 30	2978	TS=("acide risedronique" OR "acido risedronico" OR "acidum risedronicum" OR risedronate OR "risedronic acid" OR actonel OR "actonel with calcium")
# 29	1916	TS=("acid ibandronico" OR bondenza OR bondronat OR bonviva OR ibandronate OR "ibandronic acid")
# 28	270	TS=("acide alendronique" OR "acido alendronico" OR "acidum alendronicum" OR "alendronic acid" OR fosamax OR "fosamax plus d" OR arendal OR binosto OR adronat OR alendros OR dronal OR elandor OR fosalan OR "sodium alendronate hydrate" OR "alendronate calcium alendronate sodium" OR "alendronate sodium hydrate")
# 27	17514	TS=(alendronate OR ibandronate OR ibandronate OR zoledronic acid OR clodronate OR etidronic acid)
# 26	23094	TS=(diphosphonate* OR bisphosphonate*)
# 23	13983	TS=((("biological marker*" OR "biochemical marker*" OR "biomarker*" OR "marker*") NEAR/2 (bone OR bones OR "bone turnover"))
# 22	9154	TS=(bone turnover marker* OR "bone biological marker*" OR "bone biochemical marker*")
# 21	486	TS=(TRACP) AND #8
# 20	4023	TS=(tartrate resistant acid phosphatase)
# 19	1387	TS=(BSP) AND #8

Set	Results	History
# 18	10755	TS=(oxyproline OR hydroxyproline)
# 17	1102	#16 AND #8
# 16	5220	TS=("PYD" OR "DPD")
# 15	3109	TS=(pyridinoline OR deoxypyridinoline)
# 14	2884	TS=(*telopeptide NEAR/3 collagen)
# 13	525	TS=(crosslaps)
# 12	3692	#11 AND #8
# 11	11977	TS=(CTX OR NTX)
# 10	2183	#9 AND #8
# 9	9888	TS=(BSAP OR BALP OR BAP)
# 8	1613180	TS=(bone OR bones OR marker* OR biomarker* OR "biological marker*" OR "biochemical marker*")
# 7	21035	TS=(bone alkaline phosphatase*)
# 6	4552	TS=(bone specific alkaline phosphatase)
# 5	686	TS=(bone source alkaline phosphatase*)
# 4	697	TS=(collagen near/3 propeptide)
# 3	1108	TS=(procollagen near/3 peptide)
# 2	1586	TS=(procollagen near/3 propeptide)
# 1	1521	TS=(PICP OR PINP)