

Martine Cohen Solal

List of Publications by Year in descending order

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95
papers

3,012
citations

201674

27
h-index

175258

52
g-index

99
all docs

99
docs citations

99
times ranked

3873
citing authors

#	ARTICLE	IF	CITATIONS
1	Discontinuation of Denosumab therapy for osteoporosis: A systematic review and position statement by ECTS. <i>Bone</i> , 2017, 105, 11-17.	2.9	373
2	Systemic inhibition of IL-6/Stat3 signalling protects against experimental osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 748-755.	0.9	251
3	Osteoporosis in chronic kidney disease. <i>American Journal of Kidney Diseases</i> , 2004, 43, 566-571.	1.9	189
4	Fractures in patients with CKD diagnosis, treatment, and prevention: a review by members of the European Calcified Tissue Society and the European Renal Association of Nephrology Dialysis and Transplantation. <i>Kidney International</i> , 2017, 92, 1343-1355.	5.2	151
5	Bone mineral density, biochemical markers and skeletal fractures in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 2325-2331.	0.7	144
6	IL-6-Mediated Inhibition of Wnt Signaling in Bone Ameliorates Osteoarthritis in Mice. <i>Arthritis and Rheumatology</i> , 2014, 66, 3028-3039.	5.6	114
7	Continued Beneficial Effects of Burosumab in Adults with X-Linked Hypophosphatemia: Results from a 24-Week Treatment Continuation Period After a 24-Week Double-Blind Placebo-Controlled Period. <i>Calcified Tissue International</i> , 2019, 105, 271-284.	3.1	102
8	Incidence and risk factors for hip fractures in dialysis patients. <i>Osteoporosis International</i> , 2014, 25, 159-165.	3.1	98
9	Subchondral bone and osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2015, 27, 420-426.	4.3	97
10	Loss of sclerostin promotes osteoarthritis in mice via β -catenin-dependent and -independent Wnt pathways. <i>Arthritis Research and Therapy</i> , 2015, 17, 24.	3.5	94
11	Interaction of HIF1 α and β -catenin inhibits matrix metalloproteinase 13 expression and prevents cartilage damage in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5453-5458.	7.1	94
12	LRP5 gene polymorphisms and idiopathic osteoporosis in men. <i>Bone</i> , 2005, 37, 770-775.	2.9	73
13	Gout and pseudo-gout-related crystals promote GLUT1-mediated glycolysis that governs NLRP3 and interleukin-1 β activation on macrophages. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1506-1514.	0.9	72
14	Crosstalk between cartilage and bone: When bone cytokines matter. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 91-97.	7.2	71
15	Molecular diagnosis of hypophosphatasia and differential diagnosis by targeted Next Generation Sequencing. <i>Molecular Genetics and Metabolism</i> , 2015, 116, 215-220.	1.1	54
16	When, How, and Why a Bone Biopsy Should Be Performed in Patients With Chronic Kidney Disease. <i>Seminars in Nephrology</i> , 2014, 34, 612-625.	1.6	53
17	Medical Management of Patients After Atypical Femur Fractures: a Systematic Review and Recommendations From the European Calcified Tissue Society. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1682-1699.	3.6	53
18	Anti-Sclerostin Antibodies in Osteoporosis and Other Bone Diseases. <i>Journal of Clinical Medicine</i> , 2020, 9, 3439.	2.4	50

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19	Primary Osteoporosis in Young Adults: Genetic Basis and Identification of Novel Variants in Causal Genes. <i>JBMR Plus</i> , 2018, 2, 12-21.	2.7	43
20	Inflammatory Potential of Four Different Phases of Calcium Pyrophosphate Relies on NF- κ B Activation and MAPK Pathways. <i>Frontiers in Immunology</i> , 2018, 9, 2248.	4.8	41
21	Annexin 5 overexpression increased articular chondrocyte apoptosis induced by basic calcium phosphate crystals. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1617-1625.	0.9	39
22	Sclerostin and Bone Aging: A Mini-Review. <i>Gerontology</i> , 2016, 62, 618-623.	2.8	37
23	Porcupine inhibitors impair trabecular and cortical bone mass and strength in mice. <i>Journal of Endocrinology</i> , 2018, 238, 13-23.	2.6	37
24	Protective role of systemic furin in immune response α -induced arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 2878-2886.	6.7	32
25	Pycnodysostosis: Natural history and management guidelines from 27 French cases and a literature review. <i>Clinical Genetics</i> , 2019, 96, 309-316.	2.0	31
26	Novel insights into parathyroid hormone: report of The Parathyroid Day in Chronic Kidney Disease. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 269-280.	2.9	29
27	Dementia is a major risk factor for hip fractures in patients with chronic kidney disease. <i>Osteoporosis International</i> , 2016, 27, 1665-1669.	3.1	28
28	Evaluation of fracture risk in chronic kidney disease. <i>Journal of Nephrology</i> , 2017, 30, 653-661.	2.0	27
29	Burosumab treatment in adults with X-linked hypophosphataemia: 96-week patient-reported outcomes and ambulatory function from a randomised phase 3 trial and open-label extension. <i>RMD Open</i> , 2021, 7, e001714.	3.8	26
30	Bone Fragility Fractures in CKD Patients. <i>Calcified Tissue International</i> , 2021, 108, 539-550.	3.1	25
31	Subtrochanteric/femoral shaft Versus hip fractures: Incidences and identification of risk factors. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 130-137.	2.8	22
32	Calpain-6 controls the fate of sarcoma stem cells by promoting autophagy and preventing senescence. <i>JCI Insight</i> , 2018, 3, .	5.0	21
33	Role of ER α in the Effect of Estradiol on Cancellous and Cortical Femoral Bone in Growing Female Mice. <i>Endocrinology</i> , 2016, 157, 2533-2544.	2.8	20
34	Iron-enriched diet contributes to early onset of osteoporotic phenotype in a mouse model of hereditary hemochromatosis. <i>PLoS ONE</i> , 2018, 13, e0207441.	2.5	20
35	Microcracks in subchondral bone plate is linked to less cartilage damage. <i>Bone</i> , 2019, 123, 1-7.	2.9	20
36	SRC kinase inhibition with saracatinib limits the development of osteolytic bone disease in multiple myeloma. <i>Oncotarget</i> , 2016, 7, 30712-30729.	1.8	19

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37	Animal models of osteoarthritis for the understanding of the bone contribution. BoneKEy Reports, 2013, 2, 422.	2.7	18
38	Secular trends of hip fractures in France: impact of changing characteristics of the background population. Osteoporosis International, 2019, 30, 355-362.	3.1	18
39	Identification of a p.Arg708Gln variant in COL1A2 in atypical femoral fractures. Joint Bone Spine, 2017, 84, 715-718.	1.6	17
40	Anterior Skull Base and Pericranial Flap Ossification after Frontofacial Monobloc Advancement. Plastic and Reconstructive Surgery, 2018, 141, 437-445.	1.4	17
41	Teenagers and young adults with nephropathic cystinosis display significant bone disease and cortical impairment. Pediatric Nephrology, 2018, 33, 1165-1172.	1.7	16
42	A review and perspective on the assessment, management and prevention of fragility fractures in patients with osteoporosis and chronic kidney disease. Endocrine, 2021, 73, 509-529.	2.3	15
43	Maternal embryonic leucine zipper kinase inhibitor OTSSP167 has preclinical activity in multiple myeloma bone disease. Haematologica, 2018, 103, 1359-1368.	3.5	14
44	Heparan sulfate functions are altered in the osteoarthritic cartilage. Arthritis Research and Therapy, 2020, 22, 283.	3.5	14
45	The Role of Bone Biopsy in the Management of CKD-MBD. Calcified Tissue International, 2021, 108, 528-538.	3.1	14
46	Mechanical loading activates the YAP/TAZ pathway and chemokine expression in the MLO-Y4 osteocyte-like cell line. Laboratory Investigation, 2021, 101, 1597-1604.	3.7	14
47	Does hormone replacement therapy prevent lateral rotatory spondylolisthesis in postmenopausal women?. European Spine Journal, 2012, 21, 1127-1134.	2.2	13
48	YAP/TAZ in Bone and Cartilage Biology. Frontiers in Cell and Developmental Biology, 2021, 9, 788773.	3.7	13
49	Lumbar spinal stenosis and disc alterations affect the upper lumbar spine in adults with achondroplasia. Scientific Reports, 2020, 10, 4699.	3.3	12
50	Galectin 3 Deficiency Alters Chondrocyte Primary Cilium Formation and Exacerbates Cartilage Destruction via Mitochondrial Apoptosis. International Journal of Molecular Sciences, 2020, 21, 1486.	4.1	12
51	Loss of Stromal Galectin-1 Enhances Multiple Myeloma Development: Emphasis on a Role in Osteoclasts. Cancers, 2019, 11, 261.	3.7	11
52	What are the predictors of clinical success after percutaneous vertebroplasty for osteoporotic vertebral fractures?. European Radiology, 2018, 28, 2735-2742.	4.5	10
53	Genetic and Molecular Insights Into Genotype-Phenotype Relationships in Osteopathia Striata With Cranial Sclerosis (OSCS) Through the Analysis of Novel Mouse Wtx Mutant Alleles. Journal of Bone and Mineral Research, 2018, 33, 875-887.	2.8	10
54	Disruption of Bone Zinc Metabolism during Postnatal Development of Rats after Early Life Exposure to Cadmium. International Journal of Molecular Sciences, 2020, 21, 1218.	4.1	10

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55	Compromised Volumetric Bone Density and Microarchitecture in Men With Congenital Hypogonadotropic Hypogonadism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3312-e3326.	3.6	10
56	Inhibition of sphingosine 1-phosphate protects mice against chondrocyte catabolism and osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 1335-1345.	1.3	10
57	The Expanding Life and Functions of Osteogenic Cells: From Simple Bone-Making Cells to Multifunctional Cells and Beyond. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 199-210.	2.8	9
58	Proprotein convertase furin inhibits matrix metalloproteinase 13 in a TGF β 2-dependent manner and limits osteoarthritis in mice. <i>Scientific Reports</i> , 2018, 8, 10488.	3.3	9
59	Tendon thickening in dialysis-related joint arthritis is due to amyloid deposits at the surface of the tendon. <i>Joint Bone Spine</i> , 2019, 86, 233-238.	1.6	9
60	Longitudinal Bone Loss Occurs at the Radius in CKD. <i>Kidney International Reports</i> , 2021, 6, 1525-1536.	0.8	8
61	Identification of TGF β 2 signatures in six murine models mimicking different osteoarthritis clinical phenotypes. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 1373-1384.	1.3	7
62	The Use of Imaging Techniques in Chronic Kidney Disease-Mineral and Bone Disorders (CKD-MBD)â€”A Systematic Review. <i>Diagnostics</i> , 2021, 11, 772.	2.6	7
63	<i>WNT11</i> , a new gene associated with early onset osteoporosis, is required for osteoblastogenesis. <i>Human Molecular Genetics</i> , 2022, 31, 1622-1634.	2.9	7
64	Dmp1 Promoter-Driven Diphtheria Toxin Receptor Transgene Expression Directs Unforeseen Effects in Multiple Tissues. <i>International Journal of Molecular Sciences</i> , 2017, 18, 29.	4.1	6
65	More severe phenotype of early-onset osteoporosis associated with recessive form of <i>LRP5</i> and combination with <i>DKK1</i> or <i>WNT3A</i> . <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1681.	1.2	6
66	Animal models in OA: a means to explore bone. <i>Osteoporosis International</i> , 2012, 23, 853-856.	3.1	4
67	Cortical Bone Microarchitecture in Dialysis Patients. <i>American Journal of Nephrology</i> , 2020, 51, 833-838.	3.1	4
68	Bone Fragility in Chronic Kidney Disease Stage 3 to 5: The Use of Vitamin D Supplementation. <i>Metabolites</i> , 2022, 12, 266.	2.9	3
69	Not all hyperphosphataemias should be treated. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1077-1079.	0.7	2
70	Cherubism as a systemic skeletal disease: evidence from an aggressive case. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 564.	1.9	2
71	Inadequate response to treatment reveals persistent osteoclast bone resorption in osteoporotic patients. <i>Bone</i> , 2021, 153, 116167.	2.9	2
72	Etelcalcetide: injectable calcimimetic for the treatment of secondary hyperparathyroidism in hemodialysis-dependent patients. <i>Drugs of Today</i> , 2017, 53, 489.	1.1	2

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73	Effect of Rubus idaeus Extracts in Murine Chondrocytes and Explants. <i>Biomolecules</i> , 2021, 11, 245.	4.0	1
74	The Role of Bone Biopsy in the Management of CKD-MBD: CKD-Related Osteoporosis or CKD-MBD/Osteoporosis?. <i>Calcified Tissue International</i> , 2021, 109, 112-112.	3.1	1
75	Interactions between cadmium and zinc on gene expression pattern of differentiation markers in MC3T3-E1 cell line. <i>Xenobiotica</i> , 2021, 51, 1038-1046.	1.1	1
76	Relation Between PTH and Biochemical Markers of MBD. , 2020, , 103-116.		1
77	Remodelage osseux et traitements diurétiques. <i>Revue Du Rhumatisme Monographies</i> , 2011, 78, 124-128.	0.0	0
78	Prise en charge des fractures des hémodialysés. <i>Revue Du Rhumatisme Monographies</i> , 2013, 80, 74-77.	0.0	0
79	SAT0569...Galectin 3 Exerts A Protective Role in A Murine Model of Osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 796.2-796.	0.9	0
80	OP0253...Galectin 3 Deficiency Altered Chondrocyte Primary Cilia formation and Exacerbated Cartilage Destruction. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 167.2-168.	0.9	0
81	Implication du gène LRP5 dans l'ostéoporose idiopathique de l'adulte jeune. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2016, 83, A152-A153.	0.0	0
82	The Authors Reply. <i>Kidney International</i> , 2018, 93, 1247.	5.2	0
83	The Authors Reply. <i>Kidney International</i> , 2018, 93, 1248-1249.	5.2	0
84	Blockage of sphingosin 1 phosphate S1P/S1PR pathway prevents from osteoarthritis in mice by reducing chondrocyte catabolism. <i>Osteoarthritis and Cartilage</i> , 2018, 26, S67.	1.3	0
85	Chondrocyte Lin28a overexpression protects chondrocyte from osteoarthritis phenotype. <i>Osteoarthritis and Cartilage</i> , 2018, 26, S66-S67.	1.3	0
86	L'œdème tendineux de l'arthropathie liée à la dialyse correspond à des dépôts amyloïdes. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2019, 86, 604-609.	0.0	0
87	OP0303...MONOSODIUM URATE AND CALCIUM PYROPHOSPHATE CRYSTAL-INDUCED INTERLEUKIN 1 PRODUCTION DEPENDS ON GLUCOSE UPTAKE THROUGH GLUT1 TRANSPORTER. , 2019, , .		0
88	AB0087...DLX5 AND DLX6 PROMOTES THE COMMITMENT OF MSC TO OSTEOBLASTIC LINEAGE AND CORTICAL BONE FORMATION. , 2019, , .		0
89	A loosening prosthesis in a dialysis patient. <i>CKJ: Clinical Kidney Journal</i> , 2020, 13, 897-899.	2.9	0
90	Fragilidad ósea e insuficiencia renal. <i>EMC - Aparato Locomotor</i> , 2020, 53, 1-9.	0.1	0

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91	FC 079HIGH SERUM PHOSPHATE, A NOVEL POTENTIAL RISK FACTOR FOR BONE FRAGILITY FRACTURES IN THE COSMOS STUDY. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
92	A Phase 3 randomized, double-blind, placebo-controlled study investigating the efficacy and safety of Burosumab, an anti-FGF23 antibody, in adult X-Linked Hypophosphatemia (XLH). Endocrine Abstracts, 0, , .	0.0	0
93	OP0189 Identification of new and rare variants in abcg2, slc22a1 and aldh16a1 genes in crystal-proven early-onset gout. , 2018, , .		0
94	THU0702 Secular trends of hip fractures in france between 2002 and 2013: impact of the reference values. , 2018, , .		0
95	Managing Musculoskeletal and Kidney Aging: A Call for Holistic Insights. Clinical Interventions in Aging, 2022, Volume 17, 717-732.	2.9	0