

# 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	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
2	<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
3	Managing Musculoskeletal and Kidney Aging: A Call for Holistic Insights. <i>Clinical Interventions in Aging</i> , 2022, Volume 17, 717-732.	2.9	0
4	Bone Fragility Fractures in CKD Patients. <i>Calcified Tissue International</i> , 2021, 108, 539-550.	3.1	25
5	Effect of <i>Rubus idaeus</i> Extracts in Murine Chondrocytes and Explants. <i>Biomolecules</i> , 2021, 11, 245.	4.0	1
6	The Role of Bone Biopsy in the Management of CKD-MBD. <i>Calcified Tissue International</i> , 2021, 108, 528-538.	3.1	14
7	Longitudinal Bone Loss Occurs at the Radius in CKD. <i>Kidney International Reports</i> , 2021, 6, 1525-1536.	0.8	8
8	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
9	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
10	The Use of Imaging Techniques in Chronic Kidney Disease-Mineral and Bone Disorders (CKD-MBD) – A Systematic Review. <i>Diagnostics</i> , 2021, 11, 772.	2.6	7
11	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 &amp; Genomic Medicine</i> , 2021, 9, e1681.	1.2	6
12	FC 079HIGH SERUM PHOSPHATE, A NOVEL POTENTIAL RISK FACTOR FOR BONE FRAGILITY FRACTURES IN THE COSMOS STUDY. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.7	0
13	A review and perspective on the assessment, management and prevention of fragility fractures in patients with osteoporosis and chronic kidney disease. <i>Endocrine</i> , 2021, 73, 509-529.	2.3	15
14	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
15	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
16	Inhibition of sphingosine 1-phosphate protects mice against chondrocyte catabolism and osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 1335-1345.	1.3	10
17	Mechanical loading activates the YAP/TAZ pathway and chemokine expression in the MLO-Y4 osteocyte-like cell line. <i>Laboratory Investigation</i> , 2021, 101, 1597-1604.	3.7	14
18	Inadequate response to treatment reveals persistent osteoclast bone resorption in osteoporotic patients. <i>Bone</i> , 2021, 153, 116167.	2.9	2

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19	YAP/TAZ in Bone and Cartilage Biology. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 788773.	3.7	13
20	A loosening prosthesis in a dialysis patient. <i>CKJ: Clinical Kidney Journal</i> , 2020, 13, 897-899.	2.9	0
21	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
22	Identification of TGF $\beta$ 2 signatures in six murine models mimicking different osteoarthritis clinical phenotypes. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 1373-1384.	1.3	7
23	Gout and pseudo-gout-related crystals promote GLUT1-mediated glycolysis that governs NLRP3 and interleukin-1 $\beta$ activation on macrophages. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1506-1514.	0.9	72
24	Anti-Sclerostin Antibodies in Osteoporosis and Other Bone Diseases. <i>Journal of Clinical Medicine</i> , 2020, 9, 3439.	2.4	50
25	Cortical Bone Microarchitecture in Dialysis Patients. <i>American Journal of Nephrology</i> , 2020, 51, 833-838.	3.1	4
26	Cherubism as a systemic skeletal disease: evidence from an aggressive case. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 564.	1.9	2
27	Heparan sulfate functions are altered in the osteoarthritic cartilage. <i>Arthritis Research and Therapy</i> , 2020, 22, 283.	3.5	14
28	Fragilidad Ósea e insuficiencia renal. <i>EMC - Aparato Locomotor</i> , 2020, 53, 1-9.	0.1	0
29	Lumbar spinal stenosis and disc alterations affect the upper lumbar spine in adults with achondroplasia. <i>Scientific Reports</i> , 2020, 10, 4699.	3.3	12
30	Galectin 3 Deficiency Alters Chondrocyte Primary Cilium Formation and Exacerbates Cartilage Destruction via Mitochondrial Apoptosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1486.	4.1	12
31	Disruption of Bone Zinc Metabolism during Postnatal Development of Rats after Early Life Exposure to Cadmium. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1218.	4.1	10
32	Relation Between PTH and Biochemical Markers of MBD. , 2020, , 103-116.		1
33	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
34	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
35	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
36	Loss of Stromal Galectin-1 Enhances Multiple Myeloma Development: Emphasis on a Role in Osteoclasts. <i>Cancers</i> , 2019, 11, 261.	3.7	11

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37	Microcracks in subchondral bone plate is linked to less cartilage damage. <i>Bone</i> , 2019, 123, 1-7.	2.9	20
38	OP0303â€¦MONOSODIUM URATE AND CALCIUM PYROPHOSPHATE CRYSTAL-INDUCED INTERLEUKIN 1 PRODUCTION DEPENDS ON GLUCOSE UPTAKE THROUGH GLUT1 TRANSPORTER. , 2019, , .		0
39	AB0087â€¦DLX5 AND DLX6 PROMOTES THE COMMITMENT OF MSC TO OSTEOBLASTIC LINEAGE AND CORTICAL BONE FORMATION. , 2019, , .		0
40	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
41	Secular trends of hip fractures in France: impact of changing characteristics of the background population. <i>Osteoporosis International</i> , 2019, 30, 355-362.	3.1	18
42	Not all hyperphosphataemias should be treated. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1077-1079.	0.7	2
43	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
44	What are the predictors of clinical success after percutaneous vertebroplasty for osteoporotic vertebral fractures?. <i>European Radiology</i> , 2018, 28, 2735-2742.	4.5	10
45	Teenagers and young adults with nephropathic cystinosis display significant bone disease and cortical impairment. <i>Pediatric Nephrology</i> , 2018, 33, 1165-1172.	1.7	16
46	Genetic and Molecular Insights Into Genotype-Phenotype Relationships in Osteopathia Striata With Cranial Sclerosis (OSCS) Through the Analysis of Novel Mouse <i>Wtx</i> Mutant Alleles. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 875-887.	2.8	10
47	The Authors Reply. <i>Kidney International</i> , 2018, 93, 1247.	5.2	0
48	The Authors Reply. <i>Kidney International</i> , 2018, 93, 1248-1249.	5.2	0
49	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
50	Anterior Skull Base and Pericranial Flap Ossification after Frontofacial Monobloc Advancement. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 437-445.	1.4	17
51	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
52	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
53	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
54	Inflammatory Potential of Four Different Phases of Calcium Pyrophosphate Relies on NF- $\kappa$ B Activation and MAPK Pathways. <i>Frontiers in Immunology</i> , 2018, 9, 2248.	4.8	41

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55	Maternal embryonic leucine zipper kinase inhibitor OTSSP167 has preclinical activity in multiple myeloma bone disease. <i>Haematologica</i> , 2018, 103, 1359-1368.	3.5	14
56	Chondrocyte Lin28a overexpression protects chondrocyte from osteoarthritis phenotype. <i>Osteoarthritis and Cartilage</i> , 2018, 26, S66-S67.	1.3	0
57	Proprotein convertase furin inhibits matrix metalloproteinase 13 in a TGF $\beta$ 2-dependent manner and limits osteoarthritis in mice. <i>Scientific Reports</i> , 2018, 8, 10488.	3.3	9
58	Porcupine inhibitors impair trabecular and cortical bone mass and strength in mice. <i>Journal of Endocrinology</i> , 2018, 238, 13-23.	2.6	37
59	Calpain-6 controls the fate of sarcoma stem cells by promoting autophagy and preventing senescence. <i>JCI Insight</i> , 2018, 3, .	5.0	21
60	OP0189 Identification of new and rare variants in <i>abcg2</i> , <i>slc22a1</i> and <i>aldh16a1</i> genes in crystal-proven early-onset gout. , 2018, , .		0
61	THU0702 Secular trends of hip fractures in france between 2002 and 2013: impact of the reference values. , 2018, , .		0
62	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
63	Evaluation of fracture risk in chronic kidney disease. <i>Journal of Nephrology</i> , 2017, 30, 653-661.	2.0	27
64	Identification of a p.Arg708Gln variant in COL1A2 in atypical femoral fractures. <i>Joint Bone Spine</i> , 2017, 84, 715-718.	1.6	17
65	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
66	Discontinuation of Denosumab therapy for osteoporosis: A systematic review and position statement by ECTS. <i>Bone</i> , 2017, 105, 11-17.	2.9	373
67	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
68	Etelcalcetide: injectable calcimimetic for the treatment of secondary hyperparathyroidism in hemodialysis-dependent patients. <i>Drugs of Today</i> , 2017, 53, 489.	1.1	2
69	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
70	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
71	Interaction of HIF1 $\alpha$ and $\beta$ -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
72	Role of ER $\alpha$ 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

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73	Sclerostin and Bone Aging: A Mini-Review. <i>Gerontology</i> , 2016, 62, 618-623.	2.8	37
74	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
75	OPO253â€¦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
76	Subchondral bone and osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2015, 27, 420-426.	4.3	97
77	Loss of sclerostin promotes osteoarthritis in mice via $\beta$ -catenin-dependent and -independent Wnt pathways. <i>Arthritis Research and Therapy</i> , 2015, 17, 24.	3.5	94
78	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
79	Dkkâ€“Mediated Inhibition of Wnt Signaling in Bone Ameliorates Osteoarthritis in Mice. <i>Arthritis and Rheumatology</i> , 2014, 66, 3028-3039.	5.6	114
80	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
81	Incidence and risk factors for hip fractures in dialysis patients. <i>Osteoporosis International</i> , 2014, 25, 159-165.	3.1	98
82	SAT0569â€¦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
83	Prise en charge des fractures des hÃ©modialysÃ©s. <i>Revue Du Rhumatisme Monographies</i> , 2013, 80, 74-77.	0.0	0
84	Animal models of osteoarthritis for the understanding of the bone contribution. <i>BoneKEy Reports</i> , 2013, 2, 422.	2.7	18
85	Protective role of systemic furin in immune responseâ€“induced arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 2878-2886.	6.7	32
86	Animal models in OA: a means to explore bone. <i>Osteoporosis International</i> , 2012, 23, 853-856.	3.1	4
87	Does hormone replacement therapy prevent lateral rotatory spondylolisthesis in postmenopausal women?. <i>European Spine Journal</i> , 2012, 21, 1127-1134.	2.2	13
88	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
89	Crosstalk between cartilage and bone: When bone cytokines matter. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 91-97.	7.2	71
90	Remodelage osseux et traitements diurÃ©tiques. <i>Revue Du Rhumatisme Monographies</i> , 2011, 78, 124-128.	0.0	0

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91	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
92	LRP5 gene polymorphisms and idiopathic osteoporosis in men. <i>Bone</i> , 2005, 37, 770-775.	2.9	73
93	Osteoporosis in chronic kidney disease. <i>American Journal of Kidney Diseases</i> , 2004, 43, 566-571.	1.9	189
94	Bone mineral density, biochemical markers and skeletal fractures in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 2325-2331.	0.7	144
95	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). <i>Endocrine Abstracts</i> , 0, , .	0.0	0