

# Yankel Gabet

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91  
papers

2,282  
citations

29  
h-index

46  
g-index

112  
ext. papers

2,690  
ext. citations

5.4  
avg, IF

4.55  
L-index

#	Paper	IF	Citations
91	Orthodontic force and extracorporeal shock wave therapy: Assessment of orthodontic tooth movement and bone morphometry in a rat model. <i>Archives of Oral Biology</i> , <b>2021</b> , 134, 105327	2.8	0
90	The Non-Erythropoietic EPO Analogue (Cibinetide) Preserves Bone Mass in Mice. <i>Blood</i> , <b>2021</b> , 138, 850-859	8.5	0
89	Different Effects of Soy and Whey on Linear Bone Growth and Growth Pattern in Young Male Sprague-Dawley Rats.. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 739607	6.2	1
88	Perspective of the GEMSTONE Consortium on Current and Future Approaches to Functional Validation for Skeletal Genetic Disease Using Cellular, Molecular and Animal-Modeling Techniques.. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 731217	5.7	1
87	Engineered Vascularized Flaps, Composed of Polymeric Soft Tissue and Live Bone, Repair Complex Tibial Defects (Adv. Funct. Mater. 44/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170325	15.6	0
86	Quantification of Osteoclasts in Culture, Powered by Machine Learning. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 674710	5.7	0
85	Therapeutic Potential of Vasoactive Intestinal Peptide and its Derivative Stearyl-Norleucine-VIP in Inflammation-Induced Osteolysis. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 638128	5.6	1
84	Analytical methodology to measure periodontal bone morphometry following orthodontic tooth movement in mice. <i>European Journal of Orthodontics</i> , <b>2021</b> , 43, 665-671	3.3	2
83	Epo/EpoR signaling in osteoprogenitor cells is essential for bone homeostasis and Epo-induced bone loss. <i>Bone Research</i> , <b>2021</b> , 9, 42	13.3	3
82	Secreted frizzled related-protein 2 (Sfrp2) deficiency decreases adult skeletal stem cell function in mice. <i>Bone Research</i> , <b>2021</b> , 9, 49	13.3	2
81	Microcomputed Tomography-Based Analysis of Neovascularization within Bioengineered Vascularized Tissues.. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> ,	5.5	2
80	Erythropoietin Mediated Bone Loss in Mice Is Dose-Dependent and Mostly Irreversible. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
79	Cartilage -specific knockout of Sirt1 significantly reduces bone quality and catch-up growth efficiency. <i>Bone</i> , <b>2020</b> , 138, 115468	4.7	4
78	A genome-wide association study in mice reveals a role for Rhbdf2 in skeletal homeostasis. <i>Scientific Reports</i> , <b>2020</b> , 10, 3286	4.9	5
77	Anti-CD20-Mediated B Cell Depletion Is Associated with Reduced Osteoclastogenic Signals and Bone Mass Preservation: Clinical Observation in Patients with Follicular Lymphoma Supplemented By Animal Studies in a Murine Model. <i>Blood</i> , <b>2020</b> , 136, 13-13	2.2	0
76	Erythropoietin receptor in B cells plays a role in bone remodeling in mice. <i>Theranostics</i> , <b>2020</b> , 10, 8744-8756	15.6	10
75	The Cannabinoids Effect on Bone Formation and Bone Healing. <i>Current Osteoporosis Reports</i> , <b>2020</b> , 18, 433-438	5.4	6

74	Anti-CD20-Mediated B Cell Depletion Is Associated With Bone Preservation in Lymphoma Patients and Bone Mass Increase in Mice. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 561294	8.4	1
73	Hormone-Independent Sexual Dimorphism in the Regulation of Bone Resorption by Krox20. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 2277-2286	6.3	4
72	Bone Anabolic Response in the Calvaria Following Mild Traumatic Brain Injury is Mediated by the Cannabinoid-1 Receptor. <i>Scientific Reports</i> , <b>2019</b> , 9, 16196	4.9	5
71	B Cell Specific Knockdown of the Erythropoietin (EPO) Receptor Attenuates EPO-Induced Bone Loss in Mice. <i>Blood</i> , <b>2019</b> , 134, 939-939	2.2	
70	Magel2 Modulates Bone Remodeling and Mass in Prader-Willi Syndrome by Affecting Oleoyl Serine Levels and Activity. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 93-105	6.3	10
69	Functional effects of synthetic cannabinoids versus $\Delta^9$ THC in mice on body temperature, nociceptive threshold, anxiety, cognition, locomotor/exploratory parameters and depression. <i>Addiction Biology</i> , <b>2019</b> , 24, 414-425	4.6	12
68	Ablation of the mammalian lectin galectin-8 induces bone defects in mice. <i>FASEB Journal</i> , <b>2018</b> , 32, 2366-2380	2.9	9
67	Bone loss in C57BL/6J-OlaHsd mice, a substrain of C57BL/6J carrying mutated alpha-synuclein and multimerin-1 genes. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 371-377	7	8
66	Estrogens and selective estrogen receptor modulators differentially antagonize Runx2 in ST2 mesenchymal progenitor cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 183, 10-17	5.1	3
65	Erythropoietin (EPO) Regulates Bone Mass Via EPO Receptors on Myeloid and Lymphocytic Cells. <i>Blood</i> , <b>2018</b> , 132, 846-846	2.2	
64	Mechanism and Prevention of Titanium Particle-Induced Inflammation and Osteolysis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2963	8.4	60
63	Effects of Extracorporeal Shock Wave Therapy on Distraction Osteogenesis in Rat Mandible. <i>Plastic and Reconstructive Surgery</i> , <b>2018</b> , 142, 1501-1509	2.7	5
62	Evaluation of the long-term skeletal effect induced by teratogen 5-aza-2'-deoxycytidine on offspring of high (C3H/HeJ) and low (C57BL/6J) bone mass phenotype mice. <i>Bone Reports</i> , <b>2018</b> , 8, 239-243	2.6	3
61	Erythropoietin in bone - Controversies and consensus. <i>Cytokine</i> , <b>2017</b> , 89, 155-159	4	18
60	Scaling of titanium implants entrains inflammation-induced osteolysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 39612	4.9	44
59	Estrogens and androgens inhibit association of RANKL with the pre-osteoblast membrane through post-translational mechanisms. <i>Journal of Cellular Physiology</i> , <b>2017</b> , 232, 3798-3807	7	12
58	Premature primary tooth eruption in cognitive/motor-delayed ADNP-mutated children. <i>Translational Psychiatry</i> , <b>2017</b> , 7, e1043	8.6	35
57	Context-Dependent Skeletal Effects of Erythropoietin. <i>Vitamins and Hormones</i> , <b>2017</b> , 105, 161-179	2.5	3

56	Erythropoietin enhances Kupffer cell number and activity in the challenged liver. <i>Scientific Reports</i> , <b>2017</b> , 7, 10379	4.9	18
55	WISP1/CCN4 aggravates cartilage degeneration in experimental osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2017</b> , 25, 1900-1911	6.2	26
54	Beta Palmitate Improves Bone Length and Quality during Catch-Up Growth in Young Rats. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	1
53	The skeletal endocannabinoid system: clinical and experimental insights. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2016</b> , 27, 237-45	1.6	9
52	Erythropoietin treatment in murine multiple myeloma: immune gain and bone loss. <i>Scientific Reports</i> , <b>2016</b> , 6, 30998	4.9	13
51	A new device for improving dental implants anchorage: a histological and micro-computed tomography study in the rabbit. <i>Clinical Oral Implants Research</i> , <b>2016</b> , 27, 935-42	4.8	14
50	New Middle Pleistocene dental remains from Qesem Cave (Israel). <i>Quaternary International</i> , <b>2016</b> , 398, 148-158	2	31
49	Enhancer methylation dynamics contribute to cancer plasticity and patient mortality. <i>Genome Research</i> , <b>2016</b> , 26, 601-11	9.7	67
48	Recombinant Erythropoietin and Darbepoetin Alpha Exert a Similar Dose-Dependent Osteopenic Effect Which May Advocate for "Start Low, Go Slow" Dosing Strategy in Clinical Practice. <i>Blood</i> , <b>2016</b> , 128, 2445-2445	2.2	
47	Transdifferentiation of Bone Marrow Pro-B Cells into Bone-Resorbing Osteoclasts- an Unexpected Role for Erythropoietin. <i>Blood</i> , <b>2016</b> , 128, 5043-5043	2.2	1
46	Skeletal effect of casein and whey protein intake during catch-up growth in young male Sprague-Dawley rats. <i>British Journal of Nutrition</i> , <b>2016</b> , 116, 59-69	3.6	20
45	Increased EPO Levels Are Associated With Bone Loss in Mice Lacking PHD2 in EPO-Producing Cells. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 1877-1887	6.3	46
44	Intrauterine stress induces bone loss in adult offspring of C3H/HeJ mice having high bone mass phenotype but not C57BL/6J mice with low bone mass phenotype. <i>Bone</i> , <b>2016</b> , 87, 114-9	4.7	3
43	Quantification of in vitro wear of a synthetic meniscus implant using gravimetric and micro-CT measurements. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2015</b> , 49, 310-20	4.1	14
42	Erythropoietin directly stimulates osteoclast precursors and induces bone loss. <i>FASEB Journal</i> , <b>2015</b> , 29, 1890-900	0.9	71
41	Cannabidiol, a Major Non-Psychotropic Cannabis Constituent Enhances Fracture Healing and Stimulates Lysyl Hydroxylase Activity in Osteoblasts. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 1905-13	6.3	37
40	Collaborative cross mice in a genetic association study reveal new candidate genes for bone microarchitecture. <i>BMC Genomics</i> , <b>2015</b> , 16, 1013	4.5	29
39	Estrogens antagonize RUNX2-mediated osteoblast-driven osteoclastogenesis through regulating RANKL membrane association. <i>Bone</i> , <b>2015</b> , 75, 96-104	4.7	34

38	Proportionate Dwarfism in Mice Lacking Heterochromatin Protein 1 Binding Protein 3 (HP1BP3) Is Associated With Alterations in the Endocrine IGF-1 Pathway. <i>Endocrinology</i> , <b>2015</b> , 156, 4558-70	4.8	12
37	A Validated Method for Titanium Implant Anchorage Analysis using MicroCT and Biomechanical Testing. <i>Advanced Techniques in Biology &amp; Medicine</i> , <b>2015</b> , 4,		2
36	Compensatory Mechanisms In Mouse Offspring With Inherently Weak Bones Are Suggesting A Gene-By-Environment Interaction In Utero. <i>FASEB Journal</i> , <b>2015</b> , 29, LB27	0.9	
35	The Sirtuin1 activator SRT3025 down-regulates sclerostin and rescues ovariectomy-induced bone loss and biomechanical deterioration in female mice. <i>Endocrinology</i> , <b>2014</b> , 155, 3508-15	4.8	44
34	Statins enhance rotator cuff healing by stimulating the COX2/PGE2/EP4 pathway: an in vivo and in vitro study. <i>American Journal of Sports Medicine</i> , <b>2014</b> , 42, 2869-76	6.8	39
33	Erythropoietin Stimulates Bone Resorption Via Direct Activation of the Monocytic Lineage and Via Increased RANKL Production By B Cells and Osteoblasts. <i>Blood</i> , <b>2014</b> , 124, 247-247	2.2	
32	Erythropoietin Potentiates The Immune System Yet Induces Bone Resorption In a Myeloma Mouse Model. <i>Blood</i> , <b>2013</b> , 122, 1849-1849	2.2	
31	Runx2 promotes both osteoblastogenesis and novel osteoclastogenic signals in ST2 mesenchymal progenitor cells. <i>Osteoporosis International</i> , <b>2012</b> , 23, 1399-413	5.3	37
30	Alterations in Brca1 expression in mouse ovarian granulosa cells have short-term and long-term consequences on estrogen-responsive organs. <i>Laboratory Investigation</i> , <b>2012</b> , 92, 802-11	5.9	18
29	Computerized Reconstruction of Prenatal Growth Trajectories in the Dentition: Implications for the Taxonomic Status of Neandertals. <i>Vertebrate Paleobiology and Paleoanthropology</i> , <b>2011</b> , 165-173	0.8	1
28	Microarchitectural changes in the aging skeleton. <i>Current Osteoporosis Reports</i> , <b>2011</b> , 9, 177-83	5.4	31
27	Developmentally regulated inhibition of cell cycle progression by glucocorticoids through repression of cyclin A transcription in primary osteoblast cultures. <i>Journal of Cellular Physiology</i> , <b>2011</b> , 226, 991-8	7	22
26	Runx2 transcriptome of prostate cancer cells: insights into invasiveness and bone metastasis. <i>Molecular Cancer</i> , <b>2010</b> , 9, 258	42.1	119
25	Krox20/EGR2 deficiency accelerates cell growth and differentiation in the monocytic lineage and decreases bone mass. <i>Blood</i> , <b>2010</b> , 116, 3964-71	2.2	32
24	Endosseous implant anchorage is critically dependent on mechanostructural determinants of peri-implant bone trabeculae. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 575-83	6.3	56
23	Regulation of adult bone turnover by sex steroids. <i>Journal of Cellular Physiology</i> , <b>2010</b> , 224, 305-10	7	110
22	Lef1 haploinsufficient mice display a low turnover and low bone mass phenotype in a gender- and age-specific manner. <i>PLoS ONE</i> , <b>2009</b> , 4, e5438	3.7	47
21	Transplanted blood-derived endothelial progenitor cells (EPC) enhance bridging of sheep tibia critical size defects. <i>Bone</i> , <b>2009</b> , 45, 918-24	4.7	78

20	Restrain of bone growth by estrogen-mimetic peptide-1 (EMP-1): a micro-computed tomographic study. <i>Peptides</i> , <b>2009</b> , 30, 1181-6	3.8	4
19	Human parathyroid hormone 1-34 prevents bone loss in experimental biliary cirrhosis in rats. <i>Gastroenterology</i> , <b>2008</b> , 134, 259-67	13.3	27
18	Dextran sodium sulfate-induced colitis causes rapid bone loss in mice. <i>Bone</i> , <b>2008</b> , 43, 945-50	4.7	29
17	Intermittent recombinant TSH injections prevent ovariectomy-induced bone loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 4289-94	11.5	102
16	Modulation of Runx2 activity by estrogen receptor-alpha: implications for osteoporosis and breast cancer. <i>Endocrinology</i> , <b>2008</b> , 149, 5984-95	4.8	77
15	Trabecular bone gradient in rat long bone metaphyses: mathematical modeling and application to morphometric measurements and correction of implant positioning. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 48-57	6.3	33
14	A computerized model for reconstruction of dental ontogeny: A new tool for studying evolutionary trends in the dentition. <i>Vertebrate Paleobiology and Paleoanthropology</i> , <b>2007</b> , 275-288	0.8	
13	Micro-Tomographic Atlas of the Mouse Skeleton <b>2007</b> ,		37
12	Nose, Palate and Upper Jaw, Cranium and Tympanic Bulla <b>2007</b> , 3-26		2
11	Tibio-Fibular Complex and Knee Joint <b>2007</b> , 171-181		3
10	Gender and Age Differences <b>2007</b> , 195-199		4
9	Heparanase is expressed in osteoblastic cells and stimulates bone formation and bone mass. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 207, 784-92	7	48
8	Involvement of neuronal cannabinoid receptor CB1 in regulation of bone mass and bone remodeling. <i>Molecular Pharmacology</i> , <b>2006</b> , 70, 786-92	4.3	121
7	Parathyroid hormone 1-34 enhances titanium implant anchorage in low-density trabecular bone: a correlative micro-computed tomographic and biomechanical analysis. <i>Bone</i> , <b>2006</b> , 39, 276-82	4.7	96
6	Three-dimensional quantification of alveolar bone loss in Porphyromonas gingivalis-infected mice using micro-computed tomography. <i>Journal of Periodontology</i> , <b>2005</b> , 76, 1282-6	4.6	71
5	Prediction of fracture callus mechanical properties using micro-CT images and voxel-based finite element analysis. <i>Bone</i> , <b>2005</b> , 36, 480-8	4.7	120
4	Intermittently administered parathyroid hormone 1-34 reverses bone loss and structural impairment in orchietomized adult rats. <i>Osteoporosis International</i> , <b>2005</b> , 16, 1436-43	5.3	27
3	New approach to quantifying developmental variation in the dentition using serial microtomographic imaging. <i>Microscopy Research and Technique</i> , <b>2004</b> , 65, 263-9	2.8	25

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|---|--|------|----|
| 2 | Osteogenic growth peptide modulates fracture callus structural and mechanical properties. <i>Bone</i> , <b>2004</b> , 35, 65-73                              | 4-7  | 94 |
| 1 | Engineered Vascularized Flaps, Composed of Polymeric Soft Tissue and Live Bone, Repair Complex Tibial Defects. <i>Advanced Functional Materials</i> ,2008687 | 15.6 | 8  |