

# Giuseppe M. Peretti

## List of Publications by Year in descending order

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Version: 2024-02-01

132  
papers

5,549  
citations

81839

39  
h-index

91828

69  
g-index

137  
all docs

137  
docs citations

137  
times ranked

6190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictors of postoperative hospital length of stay after total knee arthroplasty. Singapore Medical Journal, 2024, 65, 68-73.	0.3	7
2	Perioperative adverse events in adult and pediatric spine surgery: A prospective cohort analysis of 364 consecutive patients. Brain and Spine, 2022, 2, 100858.	0.0	3
3	Meniscus Matrix Structural and Biomechanical Evaluation: Age-Dependent Properties in a Swine Model. Bioengineering, 2022, 9, 117.	1.6	3
4	COVID-19 in Elderly Patients Surgically Treated for Lower Limbs Fracture. Journal of Clinical Medicine, 2022, 11, 168.	1.0	5
5	Early Virtual-Reality-Based Home Rehabilitation after Total Hip Arthroplasty: A Randomized Controlled Trial. Journal of Clinical Medicine, 2022, 11, 1766.	1.0	7
6	Italian Translation, Adaptation, and Validation of the Novel Satisfaction Measure Assessment after Primary Total Joint Arthroplasty: The Goodman Score Questionnaire. Healthcare (Switzerland), 2022, 10, 769.	1.0	2
7	Human Osteochondral Explants as an Ex Vivo Model of Osteoarthritis for the Assessment of a Novel Class of Orthobiologics. Pharmaceutics, 2022, 14, 1231.	2.0	1
8	Human Sarcopenic Myoblasts Can Be Rescued by Pharmacological Reactivation of HIF-1 $\alpha$ . International Journal of Molecular Sciences, 2022, 23, 7114.	1.8	4
9	Scaffolds for Knee Chondral and Osteochondral Defects: Indications for Different Clinical Scenarios. A Consensus Statement. Cartilage, 2021, 13, 1036S-1046S.	1.4	27
10	Anterior cruciate ligament reconstruction combined to partial knee replacement in active patients with ACL deficiency and knee osteoarthritis. Physician and Sportsmedicine, 2021, 49, 12-17.	1.0	3
11	Direct superior approach versus posterolateral approach in total hip arthroplasty: a randomized controlled trial on early outcomes on gait, risk of fall, clinical and self-reported measurements. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 274-279.	1.2	14
12	Potential of biomarkers during pharmacological therapy setting for postmenopausal osteoporosis: a systematic review. Journal of Orthopaedic Surgery and Research, 2021, 16, 351.	0.9	41
13	Evolution of Meniscal Biomechanical Properties with Growth: An Experimental and Numerical Study. Bioengineering, 2021, 8, 70.	1.6	6
14	The use of electronic PROMs provides same outcomes as paper version in a spine surgery registry. Results from a prospective cohort study. European Spine Journal, 2021, 30, 2645-2653.	1.0	16
15	Hypoxia as a Stimulus for the Maturation of Meniscal Cells: Highway to Novel Tissue Engineering Strategies?. International Journal of Molecular Sciences, 2021, 22, 6905.	1.8	9
16	Long-Term Coronavirus Disease 2019 Complications in Inpatients and Outpatients: A One-Year Follow-up Cohort Study. Open Forum Infectious Diseases, 2021, 8, ofab384.	0.4	47
17	Remote Management of Patients after Total Joint Arthroplasty via a Web-Based Registry during the COVID-19 Pandemic. Healthcare (Switzerland), 2021, 9, 1296.	1.0	8
18	Fragility Fractures: Risk Factors and Management in the Elderly. Medicina (Lithuania), 2021, 57, 1119.	0.8	62

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19	Biomaterials and Meniscal Lesions: Current Concepts and Future Perspective. <i>Pharmaceutics</i> , 2021, 13, 1886.	2.0	6
20	Testing Hypoxia in Pig Meniscal Culture: Biological Role of the Vascular-Related Factors in the Differentiation and Viability of Neonatal Meniscus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12465.	1.8	6
21	Consequences for the Elderly After COVID-19 Isolation: FEaR (Frail Elderly amid Restrictions). <i>Frontiers in Psychology</i> , 2020, 11, 565052.	1.1	48
22	Opportunities to improve feasibility, effectiveness and costs associated with a total joint replacements high-volume hospital registry. <i>Computers in Biology and Medicine</i> , 2020, 121, 103775.	3.9	10
23	COVID-19: not a contraindication for surgery in patients with proximal femur fragility fractures. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 285.	0.9	30
24	Management of Osteoarthritis During the COVID-19 Pandemic. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 719-729.	2.3	17
25	Covid-19 – The real role of NSAIDs in Italy. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 165.	0.9	29
26	Effect of Chemically Induced Hypoxia on Osteogenic and Angiogenic Differentiation of Bone Marrow Mesenchymal Stem Cells and Human Umbilical Vein Endothelial Cells in Direct Coculture. <i>Cells</i> , 2020, 9, 757.	1.8	22
27	Meniscus Matrix Remodeling in Response to Compressive Forces in Dogs. <i>Cells</i> , 2020, 9, 265.	1.8	5
28	Intraoperative validation of bone cut accuracy of a pinless smart touch-screen navigation system device in total knee arthroplasty. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2019, 15, e2030.	1.2	6
29	Blood management in fast-track orthopedic surgery: an evidence-based narrative review. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 263.	0.9	33
30	Evolution of the Anterior Approach in Lumbar Spine Fusion. <i>World Neurosurgery</i> , 2019, 131, 391-398.	0.7	28
31	Does the Harvesting Site Influence the Osteogenic Potential of Mesenchymal Stem Cells?. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	8
32	MicroRNA in osteoarthritis: physiopathology, diagnosis and therapeutic challenge. <i>British Medical Bulletin</i> , 2019, 130, 137-147.	2.7	136
33	The presence of residents during orthopedic operation exerts no negative influence on outcome. <i>British Medical Bulletin</i> , 2019, 130, 65-80.	2.7	11
34	Biological and chemical changes in fluoroquinolone-associated tendinopathies: a systematic review. <i>British Medical Bulletin</i> , 2019, 130, 39-49.	2.7	24
35	Evaluation of in Vivo Response of Three Biphasic Scaffolds for Osteochondral Tissue Regeneration in a Sheep Model. <i>Veterinary Sciences</i> , 2019, 6, 90.	0.6	7
36	What Is the Impact of a Previous Femoral Osteotomy on THA? A Systematic Review. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1176-1187.	0.7	20

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37	Intraoperative Sensing Technology to Achieve Balance in Primary Total Knee Arthroplasty. JBJS Reviews, 2019, 7, e4-e4.	0.8	8
38	Swine Meniscus: Are Femoral-Tibial Surfaces Properly Tuned to Bear the Forces Exerted on the Tissue?. Tissue Engineering - Part A, 2019, 25, 978-989.	1.6	3
39	Surgery or conservative management for Achilles tendon rupture?. BMJ: British Medical Journal, 2019, 364, k5344.	2.4	16
40	Functional outcomes following contralateral hamstring tendon autografts with extra-articular tenodesis for ACL revision surgery. Journal of Sports Medicine and Physical Fitness, 2019, 59, 1897-1901.	0.4	6
41	Return to sports and re-rupture rate following anterior cruciate ligament reconstruction in amateur sportsman: long-term outcomes. Journal of Sports Medicine and Physical Fitness, 2019, 59, 1902-1907.	0.4	22
42	Clinical Performance, Patient Reported Outcome, and Radiological Results of a Short, Tapered, Porous, Proximally Coated Cementless Femoral Stem: Results up to Seven Years of Follow-Up. Journal of Arthroplasty, 2018, 33, 1133-1138.	1.5	22
43	Rationale and pre-clinical evidences for the use of autologous cartilage micrografts in cartilage repair. Journal of Orthopaedic Surgery and Research, 2018, 13, 279.	0.9	10
44	Development and biological validation of a cyclic stretch culture system for the ex vivo engineering of tendons. International Journal of Artificial Organs, 2018, 41, 400-412.	0.7	8
45	Stem Cells for Cartilage Regeneration: A Roadmap to the Clinic. Stem Cells International, 2018, 2018, 1-2.	1.2	7
46	Pulsed Electromagnetic Fields Improve Tenogenic Commitment of Umbilical Cord-Derived Mesenchymal Stem Cells: A Potential Strategy for Tendon Repair? An In Vitro Study. Stem Cells International, 2018, 2018, 1-18.	1.2	16
47	One-step surgery with multipotent stem cells and Hyaluronan-based scaffold for the treatment of full-thickness chondral defects of the knee in patients older than 45 years. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 2494-2501.	2.3	107
48	Revision anterior cruciate ligament reconstruction with ipsi- or contralateral hamstring tendon grafts. European Journal of Orthopaedic Surgery and Traumatology, 2017, 27, 533-537.	0.6	15
49	Functional Morphology of Muscles and Tendons. , 2017, , 1-14.		1
50	Thoracic Outlet Syndrome in the Overhead Athlete. Clinical Journal of Sport Medicine, 2017, 27, e29-e31.	0.9	20
51	Age-related modulation of angiogenesis-regulating factors in the swine meniscus. Journal of Cellular and Molecular Medicine, 2017, 21, 3066-3075.	1.6	19
52	The Application of Stem Cells from Different Tissues to Cartilage Repair. Stem Cells International, 2017, 2017, 1-14.	1.2	21
53	Allogeneic Umbilical Cord-Derived Mesenchymal Stem Cells as a Potential Source for Cartilage and Bone Regeneration: An In Vitro Study. Stem Cells International, 2017, 2017, 1-16.	1.2	26
54	Evolving Perspectives in Orthobiologic Approaches to Articular Cartilage Regeneration. , 2017, , 637-649.		0

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55	Stem Cells for Bone Regeneration: From Cell-Based Therapies to Decellularised Engineered Extracellular Matrices. <i>Stem Cells International</i> , 2016, 2016, 1-15.	1.2	30
56	Non-surgical treatments for the management of early osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1775-1785.	2.3	108
57	Sport and early osteoarthritis: the role of sport in aetiology, progression and treatment of knee osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1786-1796.	2.3	58
58	Recent Advances in Cartilage Repair (ICL 3). , 2016, , 27-42.		0
59	Scaffolding as Treatment for Osteochondral Defects in the Ankle. , 2016, , 1003-1011.		2
60	The role of meniscal tissue in joint protection in early osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1763-1774.	2.3	84
61	Regenerative approaches for the treatment of early OA. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1826-1835.	2.3	66
62	Early osteoarthritis of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1753-1762.	2.3	180
63	Anti-TNF $\alpha$ agents curb platelet activation in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1511-1520.	0.5	57
64	Cartilage Repair in the Inflamed Joint: Considerations for Biological Augmentation Toward Tissue Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2016, 22, 149-159.	2.5	22
65	Cartilage Lesions. , 2016, , 165-171.		0
66	Fabrication of multi-well chips for spheroid cultures and implantable constructs through rapid prototyping techniques. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1457-1471.	1.7	17
67	Multidifferentiation potential of human mesenchymal stem cells from adipose tissue and hamstring tendons for musculoskeletal cell-based therapy. <i>Regenerative Medicine</i> , 2015, 10, 729-743.	0.8	33
68	PRP and Articular Cartilage: A Clinical Update. <i>BioMed Research International</i> , 2015, 2015, 1-19.	0.9	72
69	Repair of osteochondral defects in the minipig model by OPF hydrogel loaded with adipose-derived mesenchymal stem cells. <i>Regenerative Medicine</i> , 2015, 10, 135-151.	0.8	31
70	Animal models for meniscus repair and regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 512-527.	1.3	53
71	Osteochondral Repair by a Novel Interconnecting Collagen-Hydroxyapatite Substitute: A Large-Animal Study. <i>Tissue Engineering - Part A</i> , 2015, 21, 704-715.	1.6	23
72	Fresh osteochondral allografts in the knee: only a salvage procedure?. <i>Annals of Translational Medicine</i> , 2015, 3, 164.	0.7	7

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73	Inflammation Converts Human Mesoangioblasts Into Targets of Alloreactive Immune Responses: Implications for Allogeneic Cell Therapy of DMD. <i>Molecular Therapy</i> , 2014, 22, 1342-1352.	3.7	20
74	Meniscus maturation in the swine model: changes occurring along with anterior to posterior and medial to lateral aspect during growth. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1964-1974.	1.6	28
75	The Benefit of Synthetic Versus Biological Patch Augmentation in the Repair of Posterosuperior Massive Rotator Cuff Tears. <i>American Journal of Sports Medicine</i> , 2014, 42, 1169-1175.	1.9	166
76	Collagen Scaffold for Cartilage Tissue Engineering: The Benefit of Fibrin Glue and the Proper Culture Time in an Infant Cartilage Model. <i>Tissue Engineering - Part A</i> , 2014, 20, 1113-1126.	1.6	44
77	Bone marrow derived stem cells in joint and bone diseases: a concise review. <i>International Orthopaedics</i> , 2014, 38, 1787-1801.	0.9	37
78	Post-operative blood loss in total knee arthroplasty: knee flexion versus pharmacological techniques. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2756-2762.	2.3	21
79	A future in our past: the umbilical cord for orthopaedic tissue engineering. <i>Joints</i> , 2014, 2, 20-5.	1.5	8
80	Human cartilage fragments in a composite scaffold for single-stage cartilage repair: an in vitro study of the chondrocyte migration and the influence of TGF- $\beta$ 1 and G-CSF. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 1819-1833.	2.3	42
81	Effect of silver nanocoatings on catheters for haemodialysis in terms of cell viability, proliferation, morphology and antibacterial activity. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1105-1112.	1.7	27
82	The biomaterialist's task: scaffold biomaterials and fabrication technologies. <i>Joints</i> , 2013, 01, 130-137.	1.5	26
83	Autologous cartilage fragments in a composite scaffold for one stage osteochondral repair in a goat model. , 2013, 26, 15-32.		47
84	Meniscus repair and regeneration: review on current methods and research potential. , 2013, 26, 150-170.		118
85	Fibrin-Based Model for Cartilage Regeneration: Tissue Maturation from <i>In Vitro</i> to <i>In Vivo</i> . <i>Tissue Engineering - Part A</i> , 2012, 18, 1109-1122.	1.6	42
86	Response of Human Engineered Cartilage Based on Articular or Nasal Chondrocytes to Interleukin-1 $\beta$ and Low Oxygen. <i>Tissue Engineering - Part A</i> , 2012, 18, 362-372.	1.6	70
87	Minced Umbilical Cord Fragments as a Source of Cells for Orthopaedic Tissue Engineering: An In Vitro Study. <i>Stem Cells International</i> , 2012, 2012, 1-13.	1.2	39
88	One-step osteochondral repair with cartilage fragments in a composite scaffold. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 2590-2601.	2.3	83
89	Surgical treatment of thoracic outlet syndrome in young adults: single centre experience with minimum three-year follow-up. <i>International Orthopaedics</i> , 2011, 35, 1179-1186.	0.9	21
90	Blood exposure has a negative effect on engineered cartilage. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 1035-1042.	2.3	6

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91	Current Surgical Options for Articular Cartilage Repair. <i>Acta Neurochirurgica Supplementum</i> , 2011, 108, 213-219.	0.5	11
92	Effect of in vitro culture on a chondrocyte-fibrin glue hydrogel for cartilage repair. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 1400-1406.	2.3	48
93	Pseudoaneurysm overlying an osteochondroma: a noteworthy complication. <i>Journal of Orthopaedics and Traumatology</i> , 2010, 11, 251-255.	1.0	21
94	Surgical treatment of chronic acromioclavicular dislocation: Comparison between two surgical procedures for anatomic reconstruction. <i>Injury</i> , 2010, 41, 1103-1106.	0.7	68
95	Tissue Engineering for Meniscus Regeneration. , 2010, , .		0
96	Conditions affecting cell seeding onto three-dimensional scaffolds for cellular-based biodegradable implants. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 80-87.	1.6	55
97	Healing of meniscal tissue by cellular fibrin glue: an in vivo study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 645-651.	2.3	63
98	Mammary-type myofibroblastoma of popliteal fossa. <i>Skeletal Radiology</i> , 2008, 37, 549-553.	1.2	13
99	Bonding of meniscal tissue: a nude mouse repair model. <i>Sport Sciences for Health</i> , 2008, 3, 47-52.	0.4	4
100	Modular prostheses in the treatment of proximal humerus metastases: review of 40 cases. <i>Journal of Orthopaedics and Traumatology</i> , 2008, 9, 5-10.	1.0	25
101	Prosthetic joint replacement for long bone metastases: analysis of 154 cases. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2008, 128, 787-793.	1.3	39
102	Tensile and compressive properties of healthy and osteoarthritic human articular cartilage. <i>Biorheology</i> , 2008, 45, 337-344.	1.2	31
103	Pericytes of human skeletal muscle are myogenic precursors distinct from satellite cells. <i>Nature Cell Biology</i> , 2007, 9, 255-267.	4.6	899
104	Effect of blood on the morphological, biochemical and biomechanical properties of engineered cartilage. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 1251-1257.	2.3	9
105	A tissue engineered osteochondral plug: an in vitro morphological evaluation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 1363-1369.	2.3	14
106	In vitro bonding of pre-seeded chondrocytes. <i>Sport Sciences for Health</i> , 2007, 2, 29-33.	0.4	2
107	Extracorporeal shock wave treatment of humeral nonunion: a case report. <i>Sport Sciences for Health</i> , 2007, 2, 42-45.	0.4	1
108	Review of Injectable Cartilage Engineering Using Fibrin Gel in Mice and Swine Models. <i>Tissue Engineering</i> , 2006, 12, 1151-1168.	4.9	134

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109	Tissue Engineered Cartilage Integration to Live and Devitalized Cartilage: A Study by Reflectance Mode Confocal Microscopy and Standard Histology. <i>Connective Tissue Research</i> , 2006, 47, 190-199.	1.1	24
110	An Allogenic Cell-Based Implant for Meniscal Lesions. <i>American Journal of Sports Medicine</i> , 2006, 34, 1779-1789.	1.9	67
111	An in vitro tissue-engineered model for osteochondral repair. <i>Sport Sciences for Health</i> , 2006, 1, 153-157.	0.4	5
112	Healing potential of transplanted allogeneic chondrocytes of three different sources in lesions of the avascular zone of the meniscus: a pilot study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2006, 126, 599-605.	1.3	59
113	Review of Injectable Cartilage Engineering Using Fibrin Gel in Mice and Swine Models. <i>Tissue Engineering</i> , 2006, .	4.9	0
114	Producing a Flexible Tissue-Engineered Cartilage Framework Using Expanded Polytetrafluoroethylene Membrane as a Pseudoperichondrium. <i>Plastic and Reconstructive Surgery</i> , 2005, 116, 577-589.	0.7	15
115	Tissue-Engineered Flexible Ear-Shaped Cartilage. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 1633-1641.	0.7	78
116	Analysis of bending behavior of native and engineered auricular and costal cartilage. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 68A, 597-602.	3.0	58
117	Cell-Based Therapy for Meniscal Repair. <i>American Journal of Sports Medicine</i> , 2004, 32, 146-158.	1.9	148
118	Injectable Tissue-Engineered Cartilage with Different Chondrocyte Sources. <i>Plastic and Reconstructive Surgery</i> , 2004, 113, 1361-1371.	0.7	110
119	Cell-based bonding of articular cartilage: An extended study. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 64A, 517-524.	3.0	46
120	Engineering a Joint: A Chimeric Construct with Bovine Chondrocytes in a Devitalized Chick Knee. <i>Tissue Engineering</i> , 2003, 9, 949-956.	4.9	14
121	HETEROTOPIC OSSIFICATION AROUND THE ELBOW FOLLOWING BURNS IN CHILDREN. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003, 85, 1538-1543.	1.4	55
122	Histomorphometric Analysis of a Cell-Based Model of Cartilage Repair. <i>Tissue Engineering</i> , 2002, 8, 839-846.	4.9	16
123	Engineering a Biological Joint. <i>Annals of the New York Academy of Sciences</i> , 2002, 961, 123-125.	1.8	2
124	A Biomechanical Analysis of an Engineered Cell-Scaffold Implant for Cartilage Repair. <i>Annals of Plastic Surgery</i> , 2001, 46, 533-537.	0.5	59
125	Tissue-Engineered Cartilage Composite With Expanded Polytetrafluoroethylene Membrane. <i>Annals of Plastic Surgery</i> , 2001, 46, 527-532.	0.5	14
126	Meniscal repair using engineered tissue. <i>Journal of Orthopaedic Research</i> , 2001, 19, 278-285.	1.2	53



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127	Cell-Based Tissue-Engineered Allogeneic Implant for Cartilage Repair. <i>Tissue Engineering</i> , 2000, 6, 567-576.	4.9	68
128	Biomechanical Analysis of a Chondrocyte-Based Repair Model of Articular Cartilage. <i>Tissue Engineering</i> , 1999, 5, 317-326.	4.9	64
129	Bonding of cartilage matrices with cultured chondrocytes: An experimental model. <i>Journal of Orthopaedic Research</i> , 1998, 16, 89-95.	1.2	67
130	Recapitulation of signals regulating embryonic bone formation during postnatal growth and in fracture repair. <i>Mechanisms of Development</i> , 1998, 71, 65-76.	1.7	329
131	Analysis of bending behavior of native and engineered, auricular and costal cartilage. , 0, , .		0
132	Development and Mechanical Characterization of a Collagen/Hydroxyapatite Bilayered Scaffold for Osteochondral Defect Replacement. <i>Key Engineering Materials</i> , 0, 493-494, 890-895.	0.4	3