Ugo Ripamonti

List of Publications by Year
in descending order

72	3,587	113904	133910
papers	citations	34 h-index	59 g-index

80	80	80	2855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Osteoinduction in porous hydroxyapatite implanted in heterotopic sites of different animal models. Biomaterials, 1996, 17, 31-35.	11.8	467
2	Complete Regeneration of Bone in the Baboon by Recombinant Human Osteogenic Protein-1 (hOP-1,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.7	163
3	Osteoinductive hydroxyapatite-coated titanium implants. Biomaterials, 2012, 33, 3813-3823.	11.8	159
4	The induction of bone formation by coral-derived calcium carbonate/hydroxyapatite constructs. Biomaterials, 2009, 30, 1428-1439.	11.8	154
5	Osteogenin, a Bone Morphogenetic Protein, Adsorbed on Porous Hydroxyapatite Substrata, Induces Rapid Bone Differentiation in Calvarial Defects of Adult Primates. Plastic and Reconstructive Surgery, 1992, 90, 382-393.	1.6	148
6	Soluble osteogenic molecular signals and the induction of bone formation. Biomaterials, 2006, 27, 807-822.	11.8	115
7	Transforming growth factor-Î²1: Induction of bone morphogenetic protein genes expression during endochondral bone formation in the baboon, and synergistic interaction with osteogenic protein-1 (BMP-7). Growth Factors, 1998, 15, 259-277.	1.7	101
8	Periodontal tissue regeneration by combined applications of recombinant human osteogenic protein-1 and bone morphogenetic protein-2. A pilot study in Chacma baboons (Papio ursinus). European Journal of Oral Sciences, 2001, 109, 241-248.	1.6	100
9	Bone Differentiation in Porous Hydroxyapatite in Baboons Is Regulated by the Geometry of the Substratum. Plastic and Reconstructive Surgery, 1994, 93, 959-966.	1.6	96
10	Immunolocalization of Bone Morphogenetic Proteinâ€2 and â€3 and Osteogenic Proteinâ€1 during murine tooth root morphogenesis and in other craniofacial structures. European Journal of Oral Sciences, 1999, 107, 368-377.	1.6	93
11	Osteogenic protein-1, a bone morphogenetic protein, induces angiogenesis in the chick chorioallantoic membrane and synergizes with basic fibroblast growth factor and transforming growth factor-Î²1. The Anatomical Record, 2000, 259, 97-107.	1.6	85
12	Induction of Bone Formation by Recombinant Human Osteogenic Protein-1 and Sintered Porous Hydroxyapatite in Adult Primates. Plastic and Reconstructive Surgery, 2001, 107, 977-988.	1.6	76
13	Induction of Endochondral Bone Formation by Recombinant Human Transforming Growth Factor-Î²2 in the Baboon (Papio ursinus). Growth Factors, 2000, 17, 269-285.	1.7	75
14	Synergistic induction of bone formation by hOP-1, hTGF-Î²3 and inhibition by zoledronate in macroporous coral-derived hydroxyapatites. Biomaterials, 2010, 31, 6400-6410.	11.8	70
15	Tissue Morphogenesis and Regeneration by Bone Morphogenetic Proteins. Plastic and Reconstructive Surgery, 1998, 101, 227-239.	1.6	68
16	Journal of Craniofacial Surgery, 1996, 7, 71-78.	0.8	67
17	Reconstruction of the Bone-Bone Marrow Organ by Osteogenin, a Bone Morphogenetic Protein, and Demineralized Bone Matrix in Calvarial Defects of Adult Primates. Plastic and Reconstructive Surgery, 1993, 91, 27-36.	1.6	66
18	Soluble and insoluble signals and the induction of bone formation: molecular therapeutics recapitulating development. Journal of Anatomy, 2006, 209, 447-468.	1.7	56

#	Article	IF	Citations
19	Induction of Bone in Composites of Osteogenin and Porous Hydroxyapatite in Baboons. Plastic and Reconstructive Surgery, 1992, 89, 731-739.	1.6	54
20	Transforming Growth Factor-Î² Isoforms and the Induction of Bone Formation. Journal of Craniofacial Surgery, 2009, 20, 1544-1555.	0.8	53
21	Human Segmental Mandibular Defects Treated With Naturally Derived Bone Morphogenetic Proteins. Journal of Craniofacial Surgery, 2002, 13, 434-444.	0.8	52
22	The induction of endochondral bone formation by transforming growth factorâ€Î²₃: experimental studies in the nonâ€human primate Papio ursinus. Journal of Cellular and Molecular Medicine, 2008, 12, 1029-1048.	3.6	51
23	Bone morphogenetic proteins, cementogenesis, myoblastic stem cells and the induction of periodontal tissue regeneration. Cytokine and Growth Factor Reviews, 2009, 20, 489-499.	7.7	49
24	Tissue Engineering of Bone by Osteoinductive Biomaterials. MRS Bulletin, 1996, 21, 36-39.	4.2	48
25	Bone morphogenetic proteins in craniofacial and periodontal tissue engineering: Experimental studies in the non-human primate Papio ursinus. Cytokine and Growth Factor Reviews, 2005, 16, 357-368.	7.7	46
26	The induction of bone in osteogenic composites of bone matrix and porous hydroxyapatite replicas: An experimental study on the baboon (Papio ursinus). Journal of Oral and Maxillofacial Surgery, 1991, 49, 817-830.	1.3	45
27	Biomimetism, biomimetic matrices and the induction of bone formation. Journal of Cellular and Molecular Medicine, 2009, 13, 2953-2972.	3.6	43
28	Calcium ions and osteoclastogenesis initiate the induction of bone formation by coralâ€derived macroporous constructs. Journal of Cellular and Molecular Medicine, 2013, 17, 1444-1457.	3.6	43
29	Histomorphometry of iliac crest trabecular bone in adult male baboons in captivity. Calcified Tissue International, 1993, 52, 447-454.	3.1	42
30	Self-Inducing Shape Memory Geometric Cues Embedded within Smart Hydroxyapatite-Based Biomimetic Matrices. Plastic and Reconstructive Surgery, 2007, 120, 1796-1807.	1.6	42
31	The induction of bone formation by the recombinant human transforming growth factor-Î²3. Biomaterials, 2014, 35, 2773-2788.	11.8	40
32	Calvarial Reconstruction in Baboons with Porous Hydroxyapatite. Journal of Craniofacial Surgery, 1992, 3, 149-159.	0.8	38
33	Bone Morphogenetic Proteins and the Induction of Bone Formation: From Laboratory to Patients. Oral and Maxillofacial Surgery Clinics of North America, 2007, 19, 575-589.	1.2	33
34	Re-evaluating the induction of bone formation in primates. Biomaterials, 2014, 35, 9407-9422.	11.8	31
35	Paleopathology inAustralopithecus africanus: A suggested case of a 3-million-year-old prepubertal periodontitis. American Journal of Physical Anthropology, 1988, 76, 197-210.	2.1	28
36	Biomimetic Matrices Self-Initiating the Induction of Bone Formation. Journal of Craniofacial Surgery, 2011, 22, 1859-1870.	0.8	28

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37	Bone Induction by BMPs/OPs and Related Family Members in Primates. Journal of Bone and Joint Surgery - Series A, 2001, 83, S1-116-S1-127.	3.0	23
38	The synergistic induction of bone formation by the osteogenic proteins of the TGF-Î² supergene family. Biomaterials, 2016, 104, 279-296.	11.8	22
39	Progressive Changes of Kaposi's Sarcoma of the Gingiva and Palate. Journal of Periodontology, 1986, 57, 159-163.	3.6	21
40	The basic science of bone induction. British Journal of Oral and Maxillofacial Surgery, 2009, 47, 511-514.	0.9	21
41	Profiling bone morphogenetic proteins and transforming growth factor-Î²s by hTGF-Î²3 pre-treated coral-derived macroporous bioreactors: The power of one. Biomaterials, 2015, 49, 90-102.	11.8	21
42	Osteoinduction: translating preclinical promise into clinical reality. British Journal of Oral and Maxillofacial Surgery, 2010, 48, 536-539.	0.9	20
43	Bone induction in a composite allogeneic bone/alloplastic implant. Journal of Oral and Maxillofacial Surgery, 1989, 47, 963-969.	1.3	19
44	Reconstruction of 56 mandibular defects with autologous compressed particulate corticocancellous bone grafts. British Journal of Oral and Maxillofacial Surgery, 2016, 54, 322-326.	0.9	19
45	Soluble Signals and Insoluble Substrata. , 2004, , 217-227.		19
46	Soluble and insoluble signals sculpt osteogenesis in angiogenesis. World Journal of Biological Chemistry, 2010, 1, 109.	4.2	19
47	Biomimetics for the induction of bone formation. Expert Review of Medical Devices, 2010, 7, 469-479.	2.9	18
48	Immediate reconstruction of massive cranio-orbito-facial defects with allogeneic and alloplastic matrices in baboons. Journal of Cranio-Maxillo-Facial Surgery, 1993, 21, 302-308.	1.9	17
49	Developmental pathways of periodontal tissue regeneration. Journal of Periodontal Research, 2019, 54, 10-26.	2.8	16
50	The Hard Evidence of Alveolar Bone Loss in Early Hominids of Southern Africa. Journal of Periodontology, 1989, 60, 118-120.	3.6	14
51	Perspectives in regenerative medicine and tissue engineering of bone. British Journal of Oral and Maxillofacial Surgery, 2011, 49, 507-509.	0.9	14
52	Patterns of healing on replanted baboon incisors coated with an allogeneic fibrin-fibronecftin protein concentrate. Journal of Periodontal Research, 1989, 24, 335-342.	2.8	13
53	A supernumerary tooth in a 1.7 million-year-old Australopithecus robustus from Swartkrans, South Africa. European Journal of Oral Sciences, 1999, 107, 317-321.	1.6	13
54	Primate dentine extracellular matrix induces bone differentiation in heterotopic sites of the baboon (Papio ursinus). Journal of Periodontal Research, 1992, 27, 92-96.	2.8	12

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55	Biomimetic Functionalized Surfaces and the Induction of Bone Formation. Tissue Engineering - Part A, 2017, 23, 1197-1209.	3.4	12
56	Functionalized Surface Geometries Induce: â€œBone: Formation by Autoinductionâ€• Frontiers in Physiology, 2017, 8, 1084.	2.8	12
57	Transforming Growth Factor-Î²2 Supports the Rapid Morphogenesis of Heterotopic Endochondral Bone Initiated by Human Osteogenic Protein-1viathe Synergistic Upregulation of Molecular Markers. Growth Factors, 2001, 19, 73-86.	1.7	11
58	A Macroporous Bioreactor Super Activated by the Recombinant Human Transforming Growth Factor-Î²3. Frontiers in Physiology, 2012, 3, 172.	2.8	10
59	Regenerative Frontiers in Craniofacial Reconstruction: Grand Challenges and Opportunities for the Mammalian Transforming Growth Factor-Î² Proteins. Frontiers in Physiology, 2010, 1, 143.	2.8	7
60	Periodontal Manifestations of Acute Autoimmune Thrombocytopenic Purpura. Journal of Periodontology, 1986, 57, 429-432.	3.6	6
61	Redundancy and Molecular Evolution: The Rapid Induction of Bone Formation by the Mammalian Transforming Growth Factor-Î²3 Isoform. Frontiers in Physiology, 2016, 7, 396.	2.8	4
62	A new micro-furnace forin situhigh-temperature single-crystal X-ray diffraction measurements. Journal of Applied Crystallography, 2015, 48, 1192-1200.	4.9	3
63	Long Term Follow-Up of Pediatric Mandibular Reconstruction With Human Transforming Growth Factor-Î²3. Journal of Craniofacial Surgery, 2020, 31, 1424-1429.	0.8	3
64	The Conundrum of Human Osteoinduction: Is the Bone Induction Principle Failing Clinical Translation?. Journal of Craniofacial Surgery, 2021, 32, 1287-1289.	0.8	2
65	RTCA Monitors the Inhibitory Effect of SWCNTs on the Proliferation of human liver cancer HepG2 cells. IOP Conference Series: Materials Science and Engineering, 2019, 563, 052070.	0.6	1
66	Osteogenic Competence and Potency of the Bone Induction Principle. Journal of Craniofacial Surgery, 2021, Publish Ahead of Print, .	0.8	1
67	The Induction of Bone Formation by the recombinant human transforming growth Factor-Î²3 : From preclinical studies in Papio ursinus to translational research in Homo sapiens. South African Dental Journal Suid Afrikaanse Tandarts Tydskrif, 2022, 77, 121-134.	0.1	1
68	Induction of cementogenesis and periodontal ligament regeneration by the bone morphogenetic proteins. , 2008, , 233-256.		0
69	Design of holographic head mounted display using holographic optical element. , 2015, , .		0
70	The â€œJournal of Functional Morphology and Kinesiologyâ€•Journal Club Series: Highlights on Recent Papers in Articular Cartilage Tissue Engineering and Mechanical Stimulation. Journal of Functional Morphology and Kinesiology, 2016, 1, 162-166.	2.4	0
71	The induction of bone formation: From bone morphogenetic proteins to the transforming growth factor-Î²3 protein - Redundancy, pleiotropy and the induction of cementogenesis. South African Dental Journal Suid Afrikaanse Tandarts Tydskrif, 2021, 76, 331-356.	0.1	0
72	Inductive surface geometries: Beyond morphogens and stem cells. South African Dental Journal, 2019, 74, .	0.2	0