

Ugo Ripamonti

List of Publications by Year in descending order

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72
papers

3,587
citations

113904

34
h-index

133910

59
g-index

80
all docs

80
docs citations

80
times ranked

2855
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | The Induction of Bone Formation by the recombinant human transforming growth Factor- β 23 : From preclinical studies in <i>Papio ursinus</i> to translational research in <i>Homo sapiens</i> . <i>South African Dental Journal Suid Afrikaanse Tandarts Tydskrif</i> , 2022, 77, 121-134. | 0.1 | 1 |
| 2 | The Conundrum of Human Osteoinduction: Is the Bone Induction Principle Failing Clinical Translation?. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 1287-1289. | 0.8 | 2 |
| 3 | The induction of bone formation: From bone morphogenetic proteins to the transforming growth factor- β 23 protein - Redundancy, pleiotropy and the induction of cementogenesis. <i>South African Dental Journal Suid Afrikaanse Tandarts Tydskrif</i> , 2021, 76, 331-356. | 0.1 | 0 |
| 4 | Osteogenic Competence and Potency of the Bone Induction Principle. <i>Journal of Craniofacial Surgery</i> , 2021, Publish Ahead of Print, . | 0.8 | 1 |
| 5 | Long Term Follow-Up of Pediatric Mandibular Reconstruction With Human Transforming Growth Factor- β 23. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 1424-1429. | 0.8 | 3 |
| 6 | RTCA Monitors the Inhibitory Effect of SWCNTs on the Proliferation of human liver cancer HepG2 cells. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 563, 052070. | 0.6 | 1 |
| 7 | Developmental pathways of periodontal tissue regeneration. <i>Journal of Periodontal Research</i> , 2019, 54, 10-26. | 2.8 | 16 |
| 8 | Inductive surface geometries: Beyond morphogens and stem cells. <i>South African Dental Journal</i> , 2019, 74, . | 0.2 | 0 |
| 9 | Biomimetic Functionalized Surfaces and the Induction of Bone Formation. <i>Tissue Engineering - Part A</i> , 2017, 23, 1197-1209. | 3.4 | 12 |
| 10 | Functionalized Surface Geometries Induce: "Bone: Formation by Autoinduction". <i>Frontiers in Physiology</i> , 2017, 8, 1084. | 2.8 | 12 |
| 11 | The "Journal of Functional Morphology and Kinesiology" Journal Club Series: Highlights on Recent Papers in Articular Cartilage Tissue Engineering and Mechanical Stimulation. <i>Journal of Functional Morphology and Kinesiology</i> , 2016, 1, 162-166. | 2.4 | 0 |
| 12 | Redundancy and Molecular Evolution: The Rapid Induction of Bone Formation by the Mammalian Transforming Growth Factor- β 23 Isoform. <i>Frontiers in Physiology</i> , 2016, 7, 396. | 2.8 | 4 |
| 13 | The synergistic induction of bone formation by the osteogenic proteins of the TGF- β 2 supergene family. <i>Biomaterials</i> , 2016, 104, 279-296. | 11.8 | 22 |
| 14 | Reconstruction of 56 mandibular defects with autologous compressed particulate corticocancellous bone grafts. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, 322-326. | 0.9 | 19 |
| 15 | A new micro-furnace for in situ high-temperature single-crystal X-ray diffraction measurements. <i>Journal of Applied Crystallography</i> , 2015, 48, 1192-1200. | 4.9 | 3 |
| 16 | Design of holographic head mounted display using holographic optical element. , 2015, , . | | 0 |
| 17 | Profiling bone morphogenetic proteins and transforming growth factor- β 2s by hTGF- β 23 pre-treated coral-derived macroporous bioreactors: The power of one. <i>Biomaterials</i> , 2015, 49, 90-102. | 11.8 | 21 |
| 18 | Re-evaluating the induction of bone formation in primates. <i>Biomaterials</i> , 2014, 35, 9407-9422. | 11.8 | 31 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | The induction of bone formation by the recombinant human transforming growth factor- β 3. <i>Biomaterials</i> , 2014, 35, 2773-2788. | 11.8 | 40 |
| 20 | Calcium ions and osteoclastogenesis initiate the induction of bone formation by coral-derived macroporous constructs. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1444-1457. | 3.6 | 43 |
| 21 | A Macroporous Bioreactor Super Activated by the Recombinant Human Transforming Growth Factor- β 3. <i>Frontiers in Physiology</i> , 2012, 3, 172. | 2.8 | 10 |
| 22 | Osteoinductive hydroxyapatite-coated titanium implants. <i>Biomaterials</i> , 2012, 33, 3813-3823. | 11.8 | 159 |
| 23 | Perspectives in regenerative medicine and tissue engineering of bone. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2011, 49, 507-509. | 0.9 | 14 |
| 24 | Biomimetic Matrices Self-Initiating the Induction of Bone Formation. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 1859-1870. | 0.8 | 28 |
| 25 | Synergistic induction of bone formation by hOP-1, hTGF- β 3 and inhibition by zoledronate in macroporous coral-derived hydroxyapatites. <i>Biomaterials</i> , 2010, 31, 6400-6410. | 11.8 | 70 |
| 26 | Regenerative Frontiers in Craniofacial Reconstruction: Grand Challenges and Opportunities for the Mammalian Transforming Growth Factor- β Proteins. <i>Frontiers in Physiology</i> , 2010, 1, 143. | 2.8 | 7 |
| 27 | Biomimetics for the induction of bone formation. <i>Expert Review of Medical Devices</i> , 2010, 7, 469-479. | 2.9 | 18 |
| 28 | Osteoinduction: translating preclinical promise into clinical reality. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2010, 48, 536-539. | 0.9 | 20 |
| 29 | Soluble and insoluble signals sculpt osteogenesis in angiogenesis. <i>World Journal of Biological Chemistry</i> , 2010, 1, 109. | 4.2 | 19 |
| 30 | Biomimetism, biomimetic matrices and the induction of bone formation. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2953-2972. | 3.6 | 43 |
| 31 | The induction of bone formation by coral-derived calcium carbonate/hydroxyapatite constructs. <i>Biomaterials</i> , 2009, 30, 1428-1439. | 11.8 | 154 |
| 32 | Bone morphogenetic proteins, cementogenesis, myoblastic stem cells and the induction of periodontal tissue regeneration. <i>Cytokine and Growth Factor Reviews</i> , 2009, 20, 489-499. | 7.7 | 49 |
| 33 | The basic science of bone induction. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2009, 47, 511-514. | 0.9 | 21 |
| 34 | Transforming Growth Factor- β Isoforms and the Induction of Bone Formation. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 1544-1555. | 0.8 | 53 |
| 35 | The induction of endochondral bone formation by transforming growth factor- β 3: experimental studies in the non-human primate <i>Papio ursinus</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1029-1048. | 3.6 | 51 |
| 36 | Induction of cementogenesis and periodontal ligament regeneration by the bone morphogenetic proteins. , 2008, , 233-256. | | 0 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Self-Inducing Shape Memory Geometric Cues Embedded within Smart Hydroxyapatite-Based Biomimetic Matrices. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 1796-1807. | 1.6 | 42 |
| 38 | Bone Morphogenetic Proteins and the Induction of Bone Formation: From Laboratory to Patients. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2007, 19, 575-589. | 1.2 | 33 |
| 39 | Soluble and insoluble signals and the induction of bone formation: molecular therapeutics recapitulating development. <i>Journal of Anatomy</i> , 2006, 209, 447-468. | 1.7 | 56 |
| 40 | Soluble osteogenic molecular signals and the induction of bone formation. <i>Biomaterials</i> , 2006, 27, 807-822. | 11.8 | 115 |
| 41 | Bone morphogenetic proteins in craniofacial and periodontal tissue engineering: Experimental studies in the non-human primate <i>Papio ursinus</i> . <i>Cytokine and Growth Factor Reviews</i> , 2005, 16, 357-368. | 7.7 | 46 |
| 42 | Soluble Signals and Insoluble Substrata. , 2004, , 217-227. | | 19 |
| 43 | Human Segmental Mandibular Defects Treated With Naturally Derived Bone Morphogenetic Proteins. <i>Journal of Craniofacial Surgery</i> , 2002, 13, 434-444. | 0.8 | 52 |
| 44 | Transforming Growth Factor- β 2 Supports the Rapid Morphogenesis of Heterotopic Endochondral Bone Initiated by Human Osteogenic Protein-1 via the Synergistic Upregulation of Molecular Markers. <i>Growth Factors</i> , 2001, 19, 73-86. | 1.7 | 11 |
| 45 | Induction of Bone Formation by Recombinant Human Osteogenic Protein-1 and Sintered Porous Hydroxyapatite in Adult Primates. <i>Plastic and Reconstructive Surgery</i> , 2001, 107, 977-988. | 1.6 | 76 |
| 46 | Periodontal tissue regeneration by combined applications of recombinant human osteogenic protein-1 and bone morphogenetic protein-2. A pilot study in Chacma baboons (<i>Papio ursinus</i>). <i>European Journal of Oral Sciences</i> , 2001, 109, 241-248. | 1.6 | 100 |
| 47 | Bone Induction by BMPs/OPs and Related Family Members in Primates. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001, 83, S1-116-S1-127. | 3.0 | 23 |
| 48 | 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- β 1. <i>The Anatomical Record</i> , 2000, 259, 97-107. | 1.6 | 85 |
| 49 | Induction of Endochondral Bone Formation by Recombinant Human Transforming Growth Factor- β 2 in the Baboon (<i>Papio ursinus</i>). <i>Growth Factors</i> , 2000, 17, 269-285. | 1.7 | 75 |
| 50 | A supernumerary tooth in a 1.7 million-year-old <i>Australopithecus robustus</i> from Swartkrans, South Africa. <i>European Journal of Oral Sciences</i> , 1999, 107, 317-321. | 1.6 | 13 |
| 51 | Immunolocalization of Bone Morphogenetic Protein-2 and -3 and Osteogenic Protein-1 during murine tooth root morphogenesis and in other craniofacial structures. <i>European Journal of Oral Sciences</i> , 1999, 107, 368-377. | 1.6 | 93 |
| 52 | Transforming growth factor- β 1: Induction of bone morphogenetic protein genes expression during endochondral bone formation in the baboon, and synergistic interaction with osteogenic protein-1 (BMP-7). <i>Growth Factors</i> , 1998, 15, 259-277. | 1.7 | 101 |
| 53 | Tissue Morphogenesis and Regeneration by Bone Morphogenetic Proteins. <i>Plastic and Reconstructive Surgery</i> , 1998, 101, 227-239. | 1.6 | 68 |
| 54 | <i>Journal of Craniofacial Surgery</i> , 1996, 7, 71-78. | 0.8 | 67 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | Osteoinduction in porous hydroxyapatite implanted in heterotopic sites of different animal models. <i>Biomaterials</i> , 1996, 17, 31-35. | 11.8 | 467 |
| 56 | Complete Regeneration of Bone in the Baboon by Recombinant Human Osteogenic Protein-1 (hOP-1). <i>Journal of Bone and Joint Surgery</i> , 1994, 76, 163-171. | 1.7 | 163 |
| 57 | Tissue Engineering of Bone by Osteoinductive Biomaterials. <i>MRS Bulletin</i> , 1996, 21, 36-39. | 4.2 | 48 |
| 58 | Bone Differentiation in Porous Hydroxyapatite in Baboons Is Regulated by the Geometry of the Substratum. <i>Plastic and Reconstructive Surgery</i> , 1994, 93, 959-966. | 1.6 | 96 |
| 59 | Histomorphometry of iliac crest trabecular bone in adult male baboons in captivity. <i>Calcified Tissue International</i> , 1993, 52, 447-454. | 3.1 | 42 |
| 60 | Immediate reconstruction of massive cranio-orbito-facial defects with allogeneic and alloplastic matrices in baboons. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 1993, 21, 302-308. | 1.9 | 17 |
| 61 | Reconstruction of the Bone-Bone Marrow Organ by Osteogenin, a Bone Morphogenetic Protein, and Demineralized Bone Matrix in Calvarial Defects of Adult Primates. <i>Plastic and Reconstructive Surgery</i> , 1993, 91, 27-36. | 1.6 | 66 |
| 62 | Osteogenin, a Bone Morphogenetic Protein, Adsorbed on Porous Hydroxyapatite Substrata, Induces Rapid Bone Differentiation in Calvarial Defects of Adult Primates. <i>Plastic and Reconstructive Surgery</i> , 1992, 90, 382-393. | 1.6 | 148 |
| 63 | Induction of Bone in Composites of Osteogenin and Porous Hydroxyapatite in Baboons. <i>Plastic and Reconstructive Surgery</i> , 1992, 89, 731-739. | 1.6 | 54 |
| 64 | Calvarial Reconstruction in Baboons with Porous Hydroxyapatite. <i>Journal of Craniofacial Surgery</i> , 1992, 3, 149-159. | 0.8 | 38 |
| 65 | Primate dentine extracellular matrix induces bone differentiation in heterotopic sites of the baboon (<i>Papio ursinus</i>). <i>Journal of Periodontal Research</i> , 1992, 27, 92-96. | 2.8 | 12 |
| 66 | The induction of bone in osteogenic composites of bone matrix and porous hydroxyapatite replicas: An experimental study on the baboon (<i>Papio ursinus</i>). <i>Journal of Oral and Maxillofacial Surgery</i> , 1991, 49, 817-830. | 1.3 | 45 |
| 67 | The Hard Evidence of Alveolar Bone Loss in Early Hominids of Southern Africa. <i>Journal of Periodontology</i> , 1989, 60, 118-120. | 3.6 | 14 |
| 68 | Patterns of healing on replanted baboon incisors coated with an allogeneic fibrin-fibronectin protein concentrate. <i>Journal of Periodontal Research</i> , 1989, 24, 335-342. | 2.8 | 13 |
| 69 | Bone induction in a composite allogeneic bone/alloplastic implant. <i>Journal of Oral and Maxillofacial Surgery</i> , 1989, 47, 963-969. | 1.3 | 19 |
| 70 | Paleopathology in <i>Australopithecus africanus</i> : A suggested case of a 3-million-year-old prepubertal periodontitis. <i>American Journal of Physical Anthropology</i> , 1988, 76, 197-210. | 2.1 | 28 |
| 71 | Periodontal Manifestations of Acute Autoimmune Thrombocytopenic Purpura. <i>Journal of Periodontology</i> , 1986, 57, 429-432. | 3.6 | 6 |
| 72 | Progressive Changes of Kaposi's Sarcoma of the Gingiva and Palate. <i>Journal of Periodontology</i> , 1986, 57, 159-163. | 3.6 | 21 |