

# Izumi Asahina

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,152  
citations

471509

17  
h-index

414414

32  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1645  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Evaluation of ceramics composed of different hydroxyapatite to tricalcium phosphate ratios as carriers for rhBMP-2. <i>Biomaterials</i> , 2001, 22, 1643-1651.   | 11.4 | 126       |
| 2  | Comparative study of biphasic calcium phosphate ceramics impregnated with rhBMP-2 as bone substitutes. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 54, 129-138.   | 3.1  | 105       |
| 3  | Bone Regeneration Using Dentin Matrix Depends on the Degree of Demineralization and Particle Size. <i>PLoS ONE</i> , 2016, 11, e0147235.   | 2.5  | 93        |
| 4  | In Vivo Comparison of the Bone Regeneration Capability of Human Bone Marrow Concentrates vs. Platelet-Rich Plasma. <i>PLoS ONE</i> , 2012, 7, e40833.  | 2.5  | 74        |
| 5  | Characteristic Change and Loss of <i>In Vivo</i> Osteogenic Abilities of Human Bone Marrow Stromal Cells During Passage. <i>Tissue Engineering - Part A</i> , 2010, 16, 663-673.   | 3.1  | 59        |
| 6  | Clinical application of autogenous partially demineralized dentin matrix prepared immediately after extraction for alveolar bone regeneration in implant dentistry: a pilot study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2018, 47, 125-132. | 1.5  | 59        |
| 7  | Expression of the cancer stem cell markers CD44v6 and ABCG2 in tongue cancer: Effect of neoadjuvant chemotherapy on local recurrence. <i>International Journal of Oncology</i> , 2014, 44, 1153-1162.  | 3.3  | 50        |
| 8  | Cetuximab for the treatment of locally advanced and recurrent/metastatic oral cancer: An investigation of distant metastasis. <i>Molecular and Clinical Oncology</i> , 2016, 5, 246-252.   | 1.0  | 39        |
| 9  | Engineering Bone Formation from Human Dental Pulp- and Periodontal Ligament-Derived Cells. <i>Annals of Biomedical Engineering</i> , 2011, 39, 26-34.  | 2.5  | 37        |
| 10 | Mandibular Reconstruction Using a Combination Graft of rhBMP-2 with Bone Marrow Cells Expanded In Vitro. <i>Plastic and Reconstructive Surgery</i> , 2006, 117, 902-908.   | 1.4  | 34        |
| 11 | Clinical study of octacalcium phosphate and collagen composite in oral and maxillofacial surgery. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173141989644.  | 5.5  | 34        |
| 12 | Do not keep it simple: recent advances in the generation of complex organoids. <i>Journal of Neural Transmission</i> , 2020, 127, 1569-1577.   | 2.8  | 31        |
| 13 | Efficacy of freeze-dried platelet-rich plasma in bone engineering. <i>Archives of Oral Biology</i> , 2017, 73, 172-178.  | 1.8  | 29        |
| 14 | Histopathological and immunohistochemical study in keratocystic odontogenic tumors: Predictive factors of recurrence. <i>Oncology Letters</i> , 2017, 13, 3487-3493.   | 1.8  | 28        |
| 15 | The Use of Bone Marrow Stromal Cells (Bone Marrow-Derived Multipotent Mesenchymal Stromal) Tj ETQq1 1 0.784314 rgBT /Overlook Part B: Reviews, 2014, 20, 229-232.  | 4.8  | 26        |
| 16 | Assessment of skeletal stability of intraoral vertical ramus osteotomy with one-day maxillary mandibular fixation followed by early jaw exercise. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2013, 41, 586-592.   | 1.7  | 22        |
| 17 | Gene-Activated Matrix Comprised of Atelocollagen and Plasmid DNA Encoding BMP4 or Runx2 Promotes Rat Cranial Bone Augmentation. <i>BioResearch Open Access</i> , 2015, 4, 164-174.   | 2.6  | 20        |
| 18 | Systemic administration of quality- and quantity-controlled PBMCs reduces bisphosphonate-related osteonecrosis of jaw-like lesions in mice. <i>Stem Cell Research and Therapy</i> , 2019, 10, 209.   | 5.5  | 19        |

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|----|--|-----|-----------|
| 19 | KBTBD11, a novel BTB-Kelch protein, is a negative regulator of osteoclastogenesis through controlling Cullin3-mediated ubiquitination of NFATc1. <i>Scientific Reports</i> , 2019, 9, 3523.  | 3.3 | 17        |
| 20 | Alveolar bone preservation by a hydroxyapatite/collagen composite material after tooth extraction. <i>Clinical Oral Investigations</i> , 2019, 23, 2413-2419.  | 3.0 | 17        |
| 21 | Short lingual osteotomy without fixation: a new strategy for mandibular osteotomy known as "physiological positioning". <i>British Journal of Oral and Maxillofacial Surgery</i> , 2014, 52, e9-e13.   | 0.8 | 16        |
| 22 | Immunohistochemical study of vascular endothelial growth factor-C/vascular endothelial growth factor receptor-3 expression in oral tongue squamous cell carcinoma: Correlation with the induction of lymphangiogenesis. <i>Oncology Letters</i> , 2015, 10, 2027-2034.               | 1.8 | 16        |
| 23 | Immediate Loading of Dental Implants Inserted in Edentulous Maxillas and Mandibles: 5-Year Results of a Clinical Study. <i>Journal of Oral Implantology</i> , 2015, 41, 701-705.   | 1.0 | 16        |
| 24 | Effect of platelet-rich plasma on bone engineering with an alloplastic substitute containing BMP2. <i>Bio-Medical Materials and Engineering</i> , 2013, 23, 163-172.   | 0.6 | 15        |
| 25 | Mixing conditions for cell scaffolds affect the bone formation induced by bone engineering with human bone marrow stromal cells, $\beta$ -tricalcium phosphate granules, and rhBMP-2. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 91A, 84-91.                   | 4.0 | 13        |
| 26 | GDFs promote tenogenic characteristics on human periodontal ligament-derived cells in culture at late passages. <i>Growth Factors</i> , 2013, 31, 165-173.   | 1.7 | 13        |
| 27 | Assessment of safety and efficacy of antimicrobial photodynamic therapy for peri-implant disease. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101936.   | 2.6 | 12        |
| 28 | How to prevent contamination with <i>Candida albicans</i> during the fabrication of transplantable oral mucosal epithelial cell sheets. <i>Regenerative Therapy</i> , 2015, 1, 1-4.  | 3.0 | 11        |
| 29 | Gene-activated matrix harboring a miR20a-expressing plasmid promotes rat cranial bone augmentation. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbaa060.   | 3.7 | 10        |
| 30 | Efficacy and safety of denosumab treatment in a prepubertal patient with cherubism. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020, 33, 963-966.  | 0.9 | 10        |
| 31 | Skeletal stability after sagittal split ramus osteotomy with physiological positioning in patients with skeletal mandibular prognathism and facial asymmetry. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, 920-926.  | 0.8 | 8         |
| 32 | Clinical complications in the application of polyglycolic acid sheets with fibrin glue after resection of mucosal lesions in oral cavity. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018, 125, 541-546.  | 0.4 | 8         |
| 33 | Bone marrow concentrate promotes bone regeneration with a suboptimal-dose of rhBMP-2. <i>PLoS ONE</i> , 2018, 13, e0191099.  | 2.5 | 8         |
| 34 | Peripheral-type ameloblastic fibrodentinoma with features of "so-called "immature dentinoma". <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 117, e61-e64.  | 0.4 | 7         |
| 35 | A Case of an Aged Female undergoing Orthognathic Surgery. <i>The Japanese Journal of Jaw Deformities</i> , 2010, 20, 25-29.  | 0.1 | 7         |
| 36 | Clinical Outcome and 8-Year Follow-Up of Alveolar Bone Tissue Engineering for Severely Atrophic Alveolar Bone Using Autologous Bone Marrow Stromal Cells with Platelet-Rich Plasma and $\beta$ -Tricalcium Phosphate Granules. <i>Journal of Clinical Medicine</i> , 2021, 10, 5231. | 2.4 | 7         |

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|----|---|-----|-----------|
| 37 | The three-dimensional assessment of dynamic changes of the proximal segments after intraoral vertical ramus osteotomy. <i>Cranio - Journal of Craniomandibular Practice</i> , 2015, 33, 277-285.  | 1.4 | 6         |
| 38 | Secondary Bone Grafting With Simultaneous Auto-Tooth Transplantation to the Alveolar Cleft. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, 1050-1057.   | 1.2 | 6         |
| 39 | Transient Exposure to Hypoxic and Anoxic Oxygen Concentrations Promotes Either Osteogenic or Ligamentogenic Characteristics of PDL Cells. <i>BioResearch Open Access</i> , 2015, 4, 175-187.  | 2.6 | 6         |
| 40 | Physiological positioning strategy alters condylar position after mandibular ramus sagittal split osteotomies for mandibular prognathism. <i>Cranio - Journal of Craniomandibular Practice</i> , 2018, 36, 181-188.   | 1.4 | 6         |
| 41 | Application of hydroxyapatite/collagen composite material for maxillary sinus floor augmentation. <i>Journal of Oral Science</i> , 2021, 63, 295-297.   | 1.7 | 5         |
| 42 | Clinical Safety Assessment of Autologous Freeze-Drying Platelet-Rich Plasma for Bone Regeneration in Maxillary Sinus Floor Augmentation: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1678.   | 2.4 | 5         |
| 43 | Clinical study of guided bone regeneration with resorbable polylactide-co-glycolide acid membrane. <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 334-339.  | 1.9 | 4         |
| 44 | Prevention of Cutaneous Tissue Contracture During Removal of Craniofacial Implant Superstructures for CT and MRI Studies. <i>Journal of Oral &amp; Maxillofacial Research</i> , 2010, 1, e5.  | 1.0 | 4         |
| 45 | Sonographic Evaluation of Bone Formation After Sagittal Split Ramus Osteotomy. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 395-400.  | 1.7 | 3         |
| 46 | Evaluation of Poly Lactic-co-Glycolic Acid-Coated $\beta$ -Tricalcium Phosphate Bone Substitute as a Graft Material for Ridge Preservation after Tooth Extraction in Dog Mandible: A Comparative Study with Conventional $\beta$ -Tricalcium Phosphate Granules. <i>Materials</i> , 2020, 13, 3452. | 2.9 | 3         |
| 47 | Multiple odontogenic cysts in a patient with Neurofibromatosis "Noonan syndrome. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2016, 28, 51-54.   | 0.3 | 2         |
| 48 | Peripheral ameloblastic carcinoma of the mandible: Report of two cases with different types. <i>Oral Science International</i> , 2020, 17, 183-189.   | 0.7 | 2         |
| 49 | A case of voluminous tongue hemangioma treated with intralesional photocoagulation using a KTP laser. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2012, 24, 97-100.   | 0.3 | 1         |
| 50 | Movement of the proximal segment after intraoral vertical ramus osteotomy versus short lingual osteotomy with physiological positioning strategy. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2020, 48, 638-644.  | 1.7 | 1         |
| 51 | Stability of Distal Segment and Condylar Head after Bilateral Intraoral Vertical Ramus Osteotomy. <i>The Japanese Journal of Jaw Deformities</i> , 2011, 21, 179-189.   | 0.1 | 1         |
| 52 | Gene-Activated Matrix with Self-Assembly Anionic Nano-Device Containing Plasmid DNAs for Rat Cranial Bone Augmentation. <i>Materials</i> , 2021, 14, 7097.  | 2.9 | 1         |
| 53 | Expression of hypoxia-inducible factor $1\alpha$ and vascular endothelial growth factor in mouse squamous cell carcinoma subjected to photodynamic therapy. <i>Oral Medicine &amp; Pathology</i> , 2008, 12, 125-130.   | 0.2 | 0         |
| 54 | A case of spindle cell lipoma of the tongue. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2020, 66, 650-654.  | 0.0 | 0         |