

Shintaro Sukegawa

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

1,329
citations

430874

18
h-index

434195

31
g-index

92
all docs

92
docs citations

92
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Neural Networks for Dental Implant System Classification. <i>Biomolecules</i> , 2020, 10, 984.	4.0	100
2	Overview of innovative advances in bioresorbable plate systems for oral and maxillofacial surgery. <i>Japanese Dental Science Review</i> , 2018, 54, 127-138.	5.1	91
3	Application of computer-assisted navigation systems in oral and maxillofacial surgery. <i>Japanese Dental Science Review</i> , 2018, 54, 139-149.	5.1	80
4	Deep Learning for Osteoporosis Classification Using Hip Radiographs and Patient Clinical Covariates. <i>Biomolecules</i> , 2020, 10, 1534.	4.0	72
5	Clinical Evaluation of an Unsintered Hydroxyapatite/Poly-L-Lactide Osteoconductive Composite Device for the Internal Fixation of Maxillofacial Fractures. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 1391-1397.	0.7	58
6	Long-Term Skeletal Stability After Maxillary Advancement With Distraction Osteogenesis in Nongrowing Patients. <i>Journal of Oral and Maxillofacial Surgery</i> , 2008, 66, 1833-1846.	1.2	56
7	Long-Term Bioresorption of Bone Fixation Devices Made from Composites of Unsintered Hydroxyapatite Particles and Poly-L-Lactide. <i>Journal of Hard Tissue Biology</i> , 2015, 24, 219-224.	0.4	40
8	Transoral Open Reduction With Rigid Internal Fixation for Subcondylar Fractures of the Mandible Using a Small Angulated Screwdriver System: Is Endoscopic Assistance Necessary?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, e372-e384.	1.2	38
9	Multi-Task Deep Learning Model for Classification of Dental Implant Brand and Treatment Stage Using Dental Panoramic Radiograph Images. <i>Biomolecules</i> , 2021, 11, 815.	4.0	36
10	Locally Injected Dexmedetomidine Inhibits Carrageenin-Induced Inflammatory Responses in the Injected Region. <i>Anesthesia and Analgesia</i> , 2014, 118, 473-480.	2.2	33
11	The retromandibular transparotid approach for reduction and rigid internal fixation using two locking miniplates in mandibular condylar neck fractures. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2014, 43, 177-184.	1.5	32
12	Does a Retromandibular Transparotid Approach for the Open Treatment of Condylar Fractures Result in Facial Nerve Injury?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 2019-2032.	1.2	30
13	The Clinical Feasibility of Newly Developed Thin Flat-Type Bioresorbable Osteosynthesis Devices for the Internal Fixation of Zygomatic Fractures. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 2124-2129.	0.7	25
14	Precision of Post-Traumatic Orbital Reconstruction Using Unsintered Hydroxyapatite Particles/Poly-L-Lactide Composite Bioactive/Resorbable Mesh Plate with and without Navigation: A Retrospective Study. <i>Journal of Hard Tissue Biology</i> , 2017, 26, 274-280.	0.4	22
15	Complications of a poly-l-lactic acid and polyglycolic acid osteosynthesis device for internal fixation in maxillofacial surgery. <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 360-368.	1.9	22
16	Is the removal of osteosynthesis plates after orthognathic surgery necessary? Retrospective long-term follow-up study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2018, 47, 1581-1586.	1.5	21
17	Identification of osteoporosis using ensemble deep learning model with panoramic radiographs and clinical covariates. <i>Scientific Reports</i> , 2022, 12, 6088.	3.3	21
18	Tumor Angiogenic Inhibition Triggered Necrosis (TAITN) in Oral Cancer. <i>Cells</i> , 2019, 8, 761.	4.1	20

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19	Biomechanical Loading Evaluation of Unsintered Hydroxyapatite/poly-L-lactide Plate System in Bilateral Sagittal Split Ramus Osteotomy. <i>Materials</i> , 2017, 10, 764.	2.9	19
20	Which fixation methods are better between three-dimensional anatomical plate and two miniplates for the mandibular subcondylar fracture open treatment?. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 771-777.	1.7	19
21	The Role of Sonic Hedgehog Signaling in the Tumor Microenvironment of Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5779.	4.1	19
22	Submandibular Approach Through the Submandibular Gland Fascia for Treating Mandibular Fractures Without Identifying the Facial Nerve. <i>Journal of Trauma</i> , 2010, 68, 641-643.	2.3	16
23	Use of an intraoperative navigation system for retrieving a broken dental instrument in the mandible: a case report. <i>Journal of Medical Case Reports</i> , 2017, 11, 14.	0.8	16
24	Navigation-Assisted Orbital Trauma Reconstruction Using a Bioactive Osteoconductive/Bioresorbable u-HA/PLLA System. <i>Journal of Maxillofacial and Oral Surgery</i> , 2019, 18, 329-338.	1.4	16
25	A retrospective comparative study of mandibular fracture treatment with internal fixation using reconstruction plate versus miniplates. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 1175-1180.	1.7	16
26	Computer-simulated bi-directional alveolar distraction osteogenesis. <i>Clinical Oral Implants Research</i> , 2008, 19, 1211-1218.	4.5	15
27	Bone Regeneration Capacity of Newly Developed Uncalcined/Unsintered Hydroxyapatite and Poly-L-lactide-co-glycolide Sheet in Maxillofacial Surgery: An In Vivo Study. <i>Nanomaterials</i> , 2021, 11, 22.	4.1	15
28	Use of a Piezosurgery Technique to Remove a Deeply Impacted Supernumerary Tooth in the Anterior Maxilla. <i>Case Reports in Dentistry</i> , 2015, 2015, 1-4.	0.5	14
29	What are the risk factors for postoperative infections of third molar extraction surgery: A retrospective clinical study-?. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2018, 24, 0-0.	1.7	14
30	Feasible Advantage of Bioactive/Bioresorbable Devices Made of Forged Composites of Hydroxyapatite Particles and Poly-L-lactide in Alveolar Bone Augmentation: A Preliminary Study. <i>International Journal of Medical Sciences</i> , 2019, 16, 311-317.	2.5	14
31	Surgical treatment of comminuted mandibular fractures using a low-profile locking mandibular reconstruction plate system. <i>Annals of Maxillofacial Surgery</i> , 2014, 4, 144.	0.7	14
32	Resident stroma-secreted chemokine CCL2 governs myeloid-derived suppressor cells in the tumor microenvironment. <i>JCI Insight</i> , 2022, 7, .	5.0	14
33	Clinical study on primary screening of oral cancer and precancerous lesions by oral cytology. <i>Diagnostic Pathology</i> , 2020, 15, 107.	2.0	13
34	Use of the bioactive resorbable plate system for zygoma and zygomatic arch replacement and fixation with modified Crockett's method for maxillectomy: A technical note. <i>Molecular and Clinical Oncology</i> , 2017, 7, 47-50.	1.0	12
35	Endoscope-Assisted Resection of Intramuscular Cavernal Hemangioma Within the Temporal Muscle. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 193-195.	0.7	12
36	Maxillofacial Trauma Surgery Patients With Titanium Osteosynthesis Miniplates: Remove or Not?. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 1338-1342.	0.7	12

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37	Effect of Patient Clinical Variables in Osteoporosis Classification Using Hip X-rays in Deep Learning Analysis. <i>Medicina (Lithuania)</i> , 2021, 57, 846.	2.0	12
38	Use of an intraoperative navigation system and piezoelectric surgery for styloidectomy in a patient with Eagle's syndrome: a case report. <i>Journal of Medical Case Reports</i> , 2017, 11, 322.	0.8	11
39	Evaluation of multi-task learning in deep learning-based positioning classification of mandibular third molars. <i>Scientific Reports</i> , 2022, 12, 684.	3.3	11
40	Surgical Treatment and Dental Implant Rehabilitation after the Resection of an Osseous Dysplasia. <i>Journal of Hard Tissue Biology</i> , 2016, 25, 437-441.	0.4	10
41	Intraoperative navigation-assisted accurate bone lid surgery to remove a mandibular lesion: A case report. <i>Oral and Maxillofacial Surgery Cases</i> , 2017, 3, 15-19.	0.4	10
42	Biomechanical Loading Comparison between Titanium and Unsintered Hydroxyapatite/Poly-L-Lactide Plate System for Fixation of Mandibular Subcondylar Fractures. <i>Materials</i> , 2019, 12, 1557.	2.9	10
43	Impact of the Stroma on the Biological Characteristics of the Parenchyma in Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7714.	4.1	10
44	Oral Rehabilitation of a Maxillectomy Defect Using Bone Transport Distraction and Dental Implants. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, 2278-2282.	1.2	9
45	Mandibular fracture patterns consistent with posterior maxillary fractures involving the posterior maxillary sinus, pterygoid plate or both: CT characteristics. <i>Dentomaxillofacial Radiology</i> , 2014, 43, 20130355.	2.7	9
46	Advantage of Alveolar Ridge Augmentation with Bioactive/Bioresorbable Screws Made of Composites of Unsintered Hydroxyapatite and Poly-L-lactide. <i>Materials</i> , 2019, 12, 3681.	2.9	8
47	Evaluation of Open Reduction and Internal Fixation of Mandibular Condyle Fracture by Intraoperative Cone-Beam Computed Tomography in a Hybrid Operating Room. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 762-765.	0.7	8
48	Orbital floor reconstruction in zygomatic-orbital-maxillary fracture with a fractured maxillary sinus wall segment as useful bone graft material. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2013, 25, 28-31.	0.3	7
49	Optical surgical navigation-assisted removal of a foreign body using a splint to simplify the registration process: a case report. <i>Journal of Medical Case Reports</i> , 2019, 13, 209.	0.8	7
50	Significance of cancer stroma for bone destruction in oral squamous cell carcinoma using different cancer stroma subtypes. <i>Oncology Reports</i> , 2022, 47, .	2.6	7
51	Simultaneous Sinus Lifting and Alveolar Distraction of a Severely Atrophic Posterior Maxilla for Oral Rehabilitation with Dental Implants. <i>International Journal of Dentistry</i> , 2012, 2012, 1-11.	1.5	6
52	Primary intraosseous squamous cell carcinoma of the maxilla possibly arising from an infected residual cyst: A case report. <i>Oncology Letters</i> , 2015, 9, 131-135.	1.8	6
53	A massive osteonecrosis with Le Fort I-type pathological fracture, caused by bisphosphonate-related osteonecrosis of the jaw (BRONJ): A rare case report. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2016, 28, 255-258.	0.3	6
54	Treatment of Orbital Fractures with Orbital-Wall Defects using Anatomically Preformed Orbital Wall Reconstruction Plate System. <i>Journal of Hard Tissue Biology</i> , 2017, 26, 231-236.	0.4	6

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55	Morphological characteristics of radicular cysts using computed tomography. <i>Odontology / the Society of the Nippon Dental University</i> , 2020, 108, 74-83.	1.9	6
56	Biomechanical Loading Comparison between Titanium and Bioactive Resorbable Screw Systems for Fixation of Intracapsular Condylar Head Fractures. <i>Materials</i> , 2020, 13, 3153.	2.9	6
57	The Origin of Stroma Influences the Biological Characteristics of Oral Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 3491.	3.7	6
58	Potential role of myeloid-derived suppressor cells in transition from reaction to repair phase of bone healing process. <i>International Journal of Medical Sciences</i> , 2021, 18, 1824-1830.	2.5	6
59	Use of templates and self-tapping metal screws for temporary fixation of a resorbable plate system. <i>Annals of Maxillofacial Surgery</i> , 2015, 5, 231.	0.7	6
60	A Clinical Retrospective Study of Surgical Treatment for Medication-Related Osteonecrosis of the Jaw. <i>Journal of Hard Tissue Biology</i> , 2016, 25, 447-454.	0.4	5
61	Relationship between Oral Health Status and Postoperative Fever among Patients with Lung Cancer Treated by Surgery: A Retrospective Cohort Study. <i>Healthcare (Switzerland)</i> , 2020, 8, 405.	2.0	5
62	Factors of Successful Treatment Using the Bone Lid Technique in Maxillofacial Surgery: A Pilot Study. <i>Journal of Hard Tissue Biology</i> , 2021, 30, 193-198.	0.4	5
63	Differentiation and roles of bone marrow-derived cells on the tumor microenvironment of oral squamous cell carcinoma. <i>Oncology Letters</i> , 2019, 18, 6628-6638.	1.8	5
64	Endoscopic-assisted resection of pleomorphic adenoma in the accessory parotid gland. <i>Journal of Medical Investigation</i> , 2021, 68, 376-380.	0.5	5
65	Do the Presence of Mandibular Third Molar and the Occlusal Support Affect the Occurrence and the Mode of Mandibular Condylar Fractures?. <i>Journal of Hard Tissue Biology</i> , 2019, 28, 377-382.	0.4	4
66	Biological Effects of Bioresorbable Materials in Alveolar Ridge Augmentation: Comparison of Early and Slow Resorbing Osteosynthesis Materials. <i>Materials</i> , 2021, 14, 3286.	2.9	4
67	Cancer-Associated Stromal Cells Promote the Contribution of MMP2-Positive Bone Marrow-Derived Cells to Oral Squamous Cell Carcinoma Invasion. <i>Cancers</i> , 2022, 14, 137.	3.7	4
68	Perioperative stroke in a patient undergoing surgery for oral cancer: A case report. <i>Oncology Letters</i> , 2016, 12, 2660-2663.	1.8	3
69	Pathological and Clinical Study of Japanese Ameloblastic Fibro-Odontomas. <i>Journal of Hard Tissue Biology</i> , 2017, 26, 425-430.	0.4	3
70	Risk Factors for Mandibular Fracture After Marginal Mandibular Resection. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 1430-1433.	0.7	3
71	Feasibility of navigation-assisted bone lid surgery for deeply impacted maxillary tooth - A case report. <i>Annals of Maxillofacial Surgery</i> , 2021, 11, 176.	0.7	3
72	Subcutaneous Emphysema Related to Dental Treatment: A Case Series. <i>Healthcare (Switzerland)</i> , 2022, 10, 290.	2.0	3

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73	Nasopalatine duct cyst associated with dental implant treatment: A case report. <i>Oral and Maxillofacial Surgery Cases</i> , 2015, 1, 38-41.	0.4	2
74	Surgical management of severe bruxism and masseteric hypertrophy in the patient with repeated implant failures: A case report. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2016, 28, 416-420.	0.3	2
75	Long-term Skeletal Stability of Computer-Assisted Maxillary Distraction Osteogenesis for Patients with Cleft Lip and Palate-Related Midfacial Hypoplasia. <i>Journal of Hard Tissue Biology</i> , 2017, 26, 87-94.	0.4	2
76	Geometrical Structure of Honeycomb TCP to Control Dental Pulp-Derived Cell Differentiation. <i>Materials</i> , 2020, 13, 5155.	2.9	2
77	Vacuum phenomenon in pelvic fractures. <i>Injury</i> , 2020, 51, 1618-1621.	1.7	2
78	Computer-Assisted Navigation Surgery in Oral and Maxillofacial Surgery. , 2021, , 841-862.		2
79	Endoscope-assisted enucleation of mandibular dentigerous cysts. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2021, 33, 126-130.	0.3	2
80	Relationship between Oral Bacterial Count and Postoperative Complications among Patients with Cardiovascular Disease Treated by Surgery: A Retrospective Cohort Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 850.	2.0	2
81	Prognostic Factors in Endodontic Surgery Using an Endoscope: A 1 Year Retrospective Cohort Study. <i>Materials</i> , 2022, 15, 3353.	2.9	2
82	Impact of System and Diagnostic Errors on Medical Litigation Outcomes: Machine Learning-Based Prediction Models. <i>Healthcare (Switzerland)</i> , 2022, 10, 892.	2.0	2
83	Preparation of Absorption-Resistant Hard Tissue Using Dental Pulp-Derived Cells and Honeycomb Tricalcium Phosphate. <i>Materials</i> , 2021, 14, 3409.	2.9	1
84	Surgical strategy of endoscopically assisted periradicular surgery using novel head-mounted display system. <i>Annals of Maxillofacial Surgery</i> , 2020, 10, 186.	0.7	1
85	Relationship between oral condition and risk factors for jaw osteonecrosis in patients with hip fractures. <i>Journal of Medical Investigation</i> , 2020, 67, 328-331.	0.5	1
86	Incidence and Risk of Anti-Resorptive Agent-Related Osteonecrosis of the Jaw after Tooth Extraction: A Retrospective Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 1332.	2.0	1
87	Threaded reduction tool for maxillary manipulation and repositioning with fixation during Le Fort I corrective surgery: Technical note. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2013, 25, 341-342.	0.3	0
88	A Case Report of Primordial Odontogenic Tumor That Required Distinction from a Dentigerous Cyst. <i>Reports</i> , 2021, 4, 4.	0.5	0
89	A case of fibrosarcoma of the mandible in a child. <i>Japanese Journal of Head and Neck Cancer</i> , 2010, 36, 316-321.	0.1	0