

Soo-Hwan Byun

List of Publications by Year in descending order

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papers

711
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623188

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676716

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62
all docs

62
docs citations

62
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone Regeneration Capability of 3D Printed Ceramic Scaffolds. International Journal of Molecular Sciences, 2020, 21, 4837.	1.8	49
2	Biodegradable magnesium alloy (WE43) in bone fixation plate and screw. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2505-2512.	1.6	43
3	Bioabsorbable Osteofixation Materials for Maxillofacial Bone Surgery: A Review on Polymers and Magnesium-Based Materials. Biomedicines, 2020, 8, 300.	1.4	39
4	3D-Printed Ceramic Bone Scaffolds with Variable Pore Architectures. International Journal of Molecular Sciences, 2020, 21, 6942.	1.8	38
5	Innovative micro-textured hydroxyapatite and poly(L-lactic)-acid polymer composite film as a flexible, corrosion resistant, biocompatible, and bioactive coating for Mg implants. Materials Science and Engineering C, 2017, 81, 97-103.	3.8	30
6	Various Therapeutic Methods for the Treatment of Medication-Related Osteonecrosis of the Jaw (MRONJ) and Their Limitations: A Narrative Review on New Molecular and Cellular Therapeutic Approaches. Antioxidants, 2021, 10, 680.	2.2	29
7	Effects of electromagnetic field (PEMF) exposure at different frequency and duration on the peripheral nerve regeneration: <i>in vitro</i> and <i>in vivo</i> study. International Journal of Neuroscience, 2016, 126, 1-10.	0.8	25
8	Functional and cosmetic outcome after closure of radial forearm free flap donor defect with porcine collagen membrane. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 527-532.	0.7	24
9	Past, Present, and Future of Regeneration Therapy in Oral and Periodontal Tissue: A Review. Applied Sciences (Switzerland), 2019, 9, 1046.	1.3	23
10	The Bioresorption and Guided Bone Regeneration of Absorbable Hydroxyapatite-Coated Magnesium Mesh. Journal of Craniofacial Surgery, 2017, 28, 518-523.	0.3	21
11	Analysis of the Relation between Periodontitis and Chronic Gastritis/Peptic Ulcer: A Cross-Sectional Study Using KoGES HEXA Data. International Journal of Environmental Research and Public Health, 2020, 17, 4387.	1.2	20
12	Association between asthma and cardiovascular disease. European Journal of Clinical Investigation, 2021, 51, e13396.	1.7	20
13	Analysis of the relationship between periodontitis and osteoporosis/fractures: a cross-sectional study. BMC Oral Health, 2021, 21, 125.	0.8	19
14	Radiological, histological, and hematological evaluation of hydroxyapatite-coated resorbable magnesium alloy screws placed in rabbit tibia. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 1636-1644.	1.6	18
15	Sagittal Relationship between the Maxillary Central Incisors and the Forehead in Digital Twins of Korean Adult Females. Journal of Personalized Medicine, 2021, 11, 203.	1.1	17
16	Biocompatibility and Biocorrosion of Hydroxyapatite-Coated Magnesium Plate: Animal Experiment. Materials, 2017, 10, 1149.	1.3	16
17	Biodegradable Magnesium Alloy (ZK60) with a Poly(L-lactic)-Acid Polymer Coating for Maxillofacial Surgery. Metals, 2020, 10, 724.	1.0	16
18	Mortality and cause of death in physical activity and insufficient physical activity participants: a longitudinal follow-up study using a national health screening cohort. BMC Public Health, 2020, 20, 1469.	1.2	15

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19	Cross-Sectional Analysis of the Association between Periodontitis and Cardiovascular Disease Using the Korean Genome and Epidemiology Study Data. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5237.	1.2	13
20	Analyzing the Association between Hyperuricemia and Periodontitis: A Cross-Sectional Study Using KoGES HEXA Data. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4777.	1.2	13
21	Increased Risk of Chronic Periodontitis in Chronic Rhinosinusitis Patients: A Longitudinal Follow-Up Study Using a National Health-Screening Cohort. <i>Journal of Clinical Medicine</i> , 2020, 9, 1170.	1.0	13
22	Intercellular Bioimaging and Biodistribution of Gold Nanoparticle-Loaded Macrophages for Targeted Drug Delivery. <i>Electronics (Switzerland)</i> , 2020, 9, 1105.	1.8	11
23	Bone regeneration in ceramic scaffolds with variable concentrations of PDRN and rhBMP-2. <i>Scientific Reports</i> , 2021, 11, 11470.	1.6	11
24	Interactions of Nanoparticles with Macrophages and Feasibility of Drug Delivery for Asthma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1622.	1.8	11
25	Evaluation of the Reliability, Reproducibility and Validity of Digital Orthodontic Measurements Based on Various Digital Models among Young Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 2728.	1.0	10
26	Increased Risk of Migraine in Patients with Temporomandibular Disorder: A Longitudinal Follow-Up Study Using a National Health Screening Cohort. <i>Diagnostics</i> , 2020, 10, 724.	1.3	9
27	Association between Family Histories of Thyroid Cancer and Thyroid Cancer Incidence: A Cross-Sectional Study Using the Korean Genome and Epidemiology Study Data. <i>Genes</i> , 2020, 11, 1039.	1.0	9
28	Analysis of Chronic Periodontitis in Tonsillectomy Patients: A Longitudinal Follow-Up Study Using a National Health Screening Cohort. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3663.	1.3	9
29	Delayed Reconstruction of Palatomaxillary Defect Using Fibula Free Flap. <i>Journal of Clinical Medicine</i> , 2020, 9, 884.	1.0	9
30	Longitudinal follow-up study of the association between statin use and chronic periodontitis using national health screening cohort of Korean population. <i>Scientific Reports</i> , 2022, 12, 5504.	1.6	9
31	Increased Risk of Temporomandibular Joint Disorder in Patients with Rheumatoid Arthritis: A Longitudinal Follow-Up Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3005.	1.0	8
32	Evaluation of the Relationship between Drink Intake and Periodontitis Using KoGES Data. <i>BioMed Research International</i> , 2021, 2021, 1-8.	0.9	8
33	Bone Regeneration of a 3D-Printed Alloplastic and Particulate Xenogenic Graft with rhBMP-2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12518.	1.8	8
34	Mandibular condylar-ramal reconstruction using vascularised costochondral graft based on the serratus anterior composite flap. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1184-1193.	0.7	7
35	Analysis of the Relationship between Asthma and Coffee/Green Tea/Soda Intake. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7471.	1.2	7
36	Association between Temporomandibular Joint Disorder and Parkinson's Disease. <i>Brain Sciences</i> , 2021, 11, 747.	1.1	7

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37	Association between Tooth Loss and Alzheimer's Disease in a Nested Case-Control Study Based on a National Health Screening Cohort. <i>Journal of Clinical Medicine</i> , 2021, 10, 3763.	1.0	7
38	Association between Dyslipidemia and Chronic Rhinosinusitis in a Korean Population. <i>Diagnostics</i> , 2021, 11, 26.	1.3	7
39	A Simple and Safe Approach for Maxillary Sinus Augmentation with the Advanced Surgical Guide. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3785.	1.2	6
40	Functional and electron-microscopic changes after differential traction injury in the sciatic nerve of a rat. <i>Maxillofacial Plastic and Reconstructive Surgery</i> , 2021, 43, 12.	0.7	6
41	Comparison of Changes in the Condylar Volume and Morphology in Skeletal Class III Deformities Undergoing Orthognathic Surgery Using a Customized versus Conventional Miniplate: A Retrospective Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 2794.	1.0	5
42	Tissue Expansion Improves the Outcome and Predictability for Alveolar Bone Augmentation: Prospective, Multicenter, Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 1143.	1.0	5
43	The Clinical Outcome of Dental Implants Placed through Skin Flaps. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 151, 945-951.	1.1	4
44	Subjective oral health status in an adult Korean population with asthma or allergic rhinitis. <i>Medicine (United States)</i> , 2020, 99, e22967.	0.4	4
45	Association between neurodegenerative dementia and chronic rhinosinusitis. <i>Medicine (United States)</i> 100(14):e27434. doi:10.1093/med/kaab144	0.4	4
46	Microbiome of Unilateral Chronic Rhinosinusitis: A Controlled Paired Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9878.	1.2	4
47	Clinical Significance of Intraoperative Exposure of Inferior Alveolar Nerve during Surgical Extraction of the Mandibular Third Molar in Nerve Injury. <i>Journal of Clinical Medicine</i> , 2021, 10, 4379.	1.0	3
48	Association between Temporomandibular Joint Disorder and Weight Changes: A Longitudinal Follow-Up Study Using a National Health Screening Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11793.	1.2	3
49	Efficacy of Constructing Digital Hybrid Skull-Dentition Images Using an Intraoral Scanner and Cone-Beam Computed Tomography. <i>Scanning</i> , 2022, 2022, 1-9.	0.7	3
50	Increased Risk of Temporomandibular Joint Disorder in Osteoporosis Patients: A Longitudinal Study. <i>Frontiers in Endocrinology</i> , 2022, 13, 835923.	1.5	3
51	Lateral Window Design for Maxillary Sinus Graft Based on the Implant Position. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6335.	1.2	2
52	Three-Dimensional Digital Image Analysis of Skeletal and Soft Tissue Points A and B after Orthodontic Treatment with Premolar Extraction in Bimaxillary Protrusive Patients. <i>Biology</i> , 2022, 11, 381.	1.3	2
53	Relationship between Periodontitis and Glaucoma: A Cross-Sectional Study. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-7.	0.6	1
54	A Novel Approach Using Customized Miniplates as Skeletal Anchorage Devices in Growing Class III Patients: A Case Report. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4067.	1.3	1

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55	Correction of Condylar Displacement of the Mandible Using Early Screw Removal following Patient-Customized Orthognathic Surgery. Journal of Clinical Medicine, 2021, 10, 1597.	1.0	1
56	Enhanced Bone Regeneration in Variable-Type Biphasic Ceramic Phosphate Scaffolds Using rhBMP-2. International Journal of Molecular Sciences, 2021, 22, 11485.	1.8	1
57	Is the Number of Missing Teeth Associated With Mortality? A Longitudinal Study Using a National Health Screening Cohort. Frontiers in Medicine, 0, 9, .	1.2	1
58	Analysis of the relationship between asthma and benign prostatic hyperplasia. Medicine (United Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 6	0.4	0
59	A Cross-Sectional Study for Association between Periodontitis and Benign Prostatic Hyperplasia Using the Korean Genome and Epidemiology Study Data. Coatings, 2022, 12, 265.	1.2	0