

Ji-Hun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

451
citations

933264

10
h-index

752573

20
g-index

42
all docs

42
docs citations

42
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic device with brain extracellular matrix promotes structural and functional maturation of human brain organoids. <i>Nature Communications</i> , 2021, 12, 4730.	5.8	164
2	Efficient strategy for the molecular diagnosis of intractable early-onset epilepsy using targeted gene sequencing. <i>BMC Medical Genomics</i> , 2018, 11, 6.	0.7	55
3	A 1-year prospective clinical study of soft tissue conditions and marginal bone changes around dental implants after flapless implant surgery. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 111, 41-46.	1.6	45
4	Pulpâ€Dentin Tissue Healing Response: A Discussion of Current Biomedical Approaches. <i>Journal of Clinical Medicine</i> , 2020, 9, 434.	1.0	45
5	Detailed evaluation of Mobius3D dose calculation accuracy for volumetric-modulated arc therapy. <i>Physica Medica</i> , 2020, 74, 125-132.	0.4	17
6	Risk of Hypothyroidism in Women After Radiation Therapy for Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 462-472.	0.4	17
7	The Effect of Various Types of Mechanical and Chemical Preconditioning on the Shear Bond Strength of Orthodontic Brackets on Zirconia Restorations. <i>Scanning</i> , 2017, 2017, 1-10.	0.7	14
8	Removal of Supernumerary Teeth Utilizing a Computer-Aided Design/Computer-Aided Manufacturing Surgical Guide. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017, 75, 924.e1-924.e9.	0.5	12
9	Beam angle optimization using angular dependency of range variation assessed via water equivalent path length (WEPL) calculation for head and neck proton therapy. <i>Physica Medica</i> , 2020, 69, 19-27.	0.4	10
10	A Retrospective Dosimetric Analysis of the New ESTRO-ACROP Target Volume Delineation Guidelines for Postmastectomy Volumetric Modulated Arc Therapy After Implant-Based Immediate Breast Reconstruction. <i>Frontiers in Oncology</i> , 2020, 10, 578921.	1.3	10
11	Feasibility of hybrid TomoHelical- and TomoDirect-based volumetric gradient matching technique for total body irradiation. <i>Radiation Oncology</i> , 2019, 14, 233.	1.2	7
12	TomoEQA: Dose verification for patient-specific quality assurance in helical tomotherapy using an exit detector. <i>Physica Medica</i> , 2021, 82, 1-6.	0.4	7
13	Managing the behavior of a patient with autism by sedation via submucosal route during dental treatment. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017, 17, 157.	0.4	5
14	Comparison of flap and flapless procedures for the stability of chemically modified SLA titanium implants: an experimental study in a canine model. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 111, 170-173.	1.6	4
15	Commissioning and clinical implementation of Mobius3D and MobiusFX: Experience on multiple linear accelerators. <i>Physica Medica</i> , 2020, 80, 1-9.	0.4	4
16	Factors Associated with Molar-Incisor Hypomineralization: A Population-Based Case-Control Study. <i>Pediatric Dentistry (discontinued)</i> , 2020, 42, 134-140.	0.4	4
17	Dosimetric Comparison of Four Commercial Patient-Specific Quality Assurance Devices for Helical Tomotherapy. <i>Journal of the Korean Physical Society</i> , 2020, 76, 257-263.	0.3	3
18	Retrospective Study of Traumatic Dental Injuries among Children Aged 0 - 15 Years in Wonju. <i>The Journal of the Korean Academy of Pedtatric Dentistry</i> , 2017, 44, 64-71.	0.1	3

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19	Effects of National Dental Screening on Dental Caries Experience, Treatment, and Cost in Children. The Journal of the Korean Academy of Pedtatric Dentistry, 2020, 47, 248-256.	0.1	3
20	Assessment of log _e -based fingerprinting system of Mobius3D with Elekta linear accelerators. Journal of Applied Clinical Medical Physics, 2022, 23, .	0.8	3
21	Impact of COVID-19 on Dental Trauma in Korea. The Journal of the Korean Academy of Pedtatric Dentistry, 2022, 49, 76-84.	0.1	3
22	A pilot study of a novel method to visualize three-dimensional dose distribution on skin surface images to evaluate radiation dermatitis. Scientific Reports, 2022, 12, 2729.	1.6	3
23	Image quality of 4D in-treatment CBCT acquired during lung SBRT using FFF beam: a phantom study. Radiation Oncology, 2020, 15, 224.	1.2	2
24	Assessment of dosimetric leaf gap correction factor in Mobius3D commissioning affected by couch top. Physical and Engineering Sciences in Medicine, 2020, 43, 1069-1075.	1.3	2
25	Consultations to Department of Dentistry for Child and Adolescent Inpatients with Dental Trauma. The Journal of the Korean Academy of Pedtatric Dentistry, 2017, 44, 403-411.	0.1	2
26	Statistical Analysis of Treatment Planning Parameters for Prediction of Delivery Quality Assurance Failure for Helical Tomotherapy. Technology in Cancer Research and Treatment, 2020, 19, 153303382097969.	0.8	1
27	TomoMQA: Automated analysis program for MVCT quality assurance of helical tomotherapy. Journal of Applied Clinical Medical Physics, 2020, 21, 151-157.	0.8	1
28	Development and Performance Evaluation of Wearable Respiratory Self-Training System Using Patch Type Magnetic Sensor. Frontiers in Oncology, 2021, 11, 680147.	1.3	1
29	BEHAVIOR MANAGEMENT TECHNIQUE FOR AUTISTIC CHILDREN. The Journal of the Korean Academy of Pedtatric Dentistry, 2011, 38, 181-186.	0.1	1
30	Use of Ketamine Hydrochloride for Pediatric Dental Patient at General Hospital. The Journal of the Korean Academy of Pedtatric Dentistry, 2015, 42, 38-44.	0.1	1
31	Bond Strength of Band on Zirconia Crown with Compomer and Resin Cement. The Journal of the Korean Academy of Pedtatric Dentistry, 2019, 46, 127-134.	0.1	1
32	Heart-Sparing Capability and Positional Reproducibility of Continuous Positive Airway Pressure in Left-Sided Breast Radiation Therapy. Practical Radiation Oncology, 2022, 12, e368-e375.	1.1	1
33	Effect of Bio-Oss grafts on tooth eruption: an experimental study in a canine model. Journal of the Korean Association of Oral and Maxillofacial Surgeons, 2010, 36, 528.	0.3	0
34	Monitoring beam-quality constancy considering uncertainties associated with ionization chambers in Daily QA3 device. PLoS ONE, 2021, 16, e0246845.	1.1	0
35	Development of a Margin Determination Framework for Tumor-Tracking Radiation Therapy With Intraoperatively Implanted Fiducial Markers. Frontiers in Oncology, 2021, 11, 753246.	1.3	0
36	Anaphylactic Shock after Intravenous Injection of Penicillin in a Patient with Maxillary Osteonecrosis: Report of a Case. Journal of the Korean Dental Society of Anesthesiology, 2014, 14, 243.	0.1	0

#	ARTICLE	IF	CITATIONS
37	MULTIDISCIPLINARY APPROACH FOR THE DENTAL TREATMENT OF A PATIENT HAVING TRACHEOSTOMY TUBE. The Journal of Korea Assosiation for Disability and Oral Health, 2014, 10, 38-42.	0.2	0
38	Non-syndromic Multiple Supernumerary Teeth in a Family : Case Reports. The Journal of the Korean Academy of Pedtatric Dentistry, 2015, 42, 62-68.	0.1	0
39	ORAL HEMORRHAGE CONTROL AS TREATMENT PRIORITY IN A MENTALLY RETARDED PATIENT WITH MULTIPLE TRAUMA. The Journal of Korea Assosiation for Disability and Oral Health, 2016, 12, 20-26.	0.2	0
40	Sensitivity of radio-photoluminescence glass dosimeters to accumulated doses. PLoS ONE, 2020, 15, e0234829.	1.1	0
41	Dosimetric outcomes of preoperative treatment planning with intraoperative optimization using stranded seeds in prostate brachytherapy. PLoS ONE, 2022, 17, e0265143.	1.1	0