

Kenichi Hamada

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

553
citations

1040056

9
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal modification of titanium surface in calcium solutions. <i>Biomaterials</i> , 2002, 23, 2265-2272.	11.4	117
2	Antibacterial activity of composite resin with glass-ionomer filler particles. <i>Dental Materials Journal</i> , 2010, 29, 193-198.	1.8	116
3	Degradation and fracture of NiTi superelastic wire in an oral cavity. <i>Biomaterials</i> , 2001, 22, 2257-2262.	11.4	108
4	Susceptibility to delayed fracture of NiTi superelastic alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003, 341, 91-97.	5.6	51
5	Fabrications of zinc-releasing biocement combining zinc calcium phosphate to calcium phosphate cement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 29, 151-160.	3.1	45
6	Enamel bonding of self-etching and phosphoric acid-etching orthodontic adhesives in simulated clinical conditions: Debonding force and enamel surface. <i>Dental Materials Journal</i> , 2009, 28, 419-425.	1.8	31
7	Shape Recovery of Shape Memory Alloy Fiber Embedded Resin Matrix Smart Composite after Crack Repair. <i>Dental Materials Journal</i> , 2003, 22, 160-167.	1.8	24
8	Effects of high-energy ball-milling on injectability and strength of β -tricalcium-phosphate cement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 47, 77-86.	3.1	15
9	Magnetic susceptibility and hardness of AuPtNb alloys for biomedical applications. <i>Acta Biomaterialia</i> , 2013, 9, 8449-8453.	8.3	11
10	Application of porous titanium in prosthesis production using a moldless process: Evaluation of physical and mechanical properties with various particle sizes, shapes, and mixing ratios. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 61, 581-589.	3.1	8
11	Effects of zirconia additives on β -tricalcium-phosphate cement for high strength and high injectability. <i>Ceramics International</i> , 2021, 47, 1882-1890.	4.8	8
12	Volume magnetic susceptibility design and hardness of AuTa alloys and AuNb alloys for MRI-compatible biomedical applications. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 015025.	1.2	6
13	Effects of powder-to-liquid ratio on properties of β -tricalcium-phosphate cements modified using high-energy ball-milling. <i>Dental Materials Journal</i> , 2017, 36, 590-599.	1.8	5
14	Influence of insertion depth on stress distribution in orthodontic miniscrew and the surrounding bone by finite element analysis. <i>Dental Materials Journal</i> , 2021, 40, 1270-1276.	1.8	4
15	Effects of poloxamer additives on strength, injectability, and shape stability of beta-tricalcium phosphate cement modified using ball-milling. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 130, 105182.	3.1	2
16	Effects of heat treatment on the bioactivity of surface-modified titanium in calcium solution. <i>Bio-Medical Materials and Engineering</i> , 2009, 19, 193-204.	0.6	1
17	Reinforcement of bond strength of self-etching orthodontic adhesive. <i>Angle Orthodontist</i> , 2012, 82, 30-35.	2.4	1