

Andy H Choi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

434
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomaterials and Bioceramics Part 1: Traditional, Natural, and Nano. Springer Series in Biomaterials Science and Engineering, 2022, , 1-45.	1.0	8
2	Surface modifications of titanium alloy using nanobioceramic-based coatings to improve osseointegration: a review. Materials Technology, 2020, 35, 742-751.	3.0	12
3	A review: Recent advances in sol-gel-derived hydroxyapatite nanocoatings for clinical applications. Journal of the American Ceramic Society, 2020, 103, 5442-5453.	3.8	42
4	Bioceramics. , 2019, , 16-33.		4
5	Calcium Phosphate Nanocoatings: Production, Physical and Biological Properties, and Biomedical Applications. , 2017, , 105-149.		5
6	Calcium phosphate nanocoatings and nanocomposites, part 2: thin films for slow drug delivery and osteomyelitis. Nanomedicine, 2016, 11, 531-544.	3.3	26
7	Biomechanics and functional distortion of the human mandible. Journal of Investigative and Clinical Dentistry, 2015, 6, 241-251.	1.8	14
8	Calcium phosphate nanocoatings and nanocomposites, part I: recent developments and advancements in tissue engineering and bioimaging. Nanomedicine, 2015, 10, 2249-2261.	3.3	25
9	Finite-element modeling and analysis in nanomedicine and dentistry. Nanomedicine, 2014, 9, 1681-1695.	3.3	20
10	Effects of micromovement on the changes in stress distribution of partially stabilized zirconia (PS-ZrO ₂) dental implants and bridge during clenching: A three-dimensional finite element analysis. Acta Odontologica Scandinavica, 2013, 71, 72-81.	1.6	10
11	Mechanical properties of inorganic biomedical thin films and their corresponding testing methods. Surface and Coatings Technology, 2013, 233, 39-48.	4.8	36
12	Fracture strength and fractographic analysis of zirconia copings treated with four experimental silane primers. Journal of Adhesion Science and Technology, 2013, 27, 68-80.	2.6	5
13	Finite element stress analysis of Ti-6Al-4V and partially stabilized zirconia dental implant during clenching. Acta Odontologica Scandinavica, 2012, 70, 353-361.	1.6	18
14	Sol-gel production of bioactive nanocoatings for medical applications. Part II: current research and development. Nanomedicine, 2007, 2, 51-61.	3.3	82
15	Sol-gel production of bioactive nanocoatings for medical applications. Part 1: an introduction. Nanomedicine, 2006, 1, 311-319.	3.3	96