

# Han-Choel Choe

## List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	An electrochemical study on self-ordered nanoporous and nanotubular oxide on Ti-35Nb-5Ta-7Zr alloy for biomedical applications. <i>Acta Biomaterialia</i> , 2009, 5, 2303-2310.	4.1	107
2	Electrochemical characteristics of nanotubes formed on Ti-Nb alloys. <i>Thin Solid Films</i> , 2009, 517, 5038-5043.	0.8	84
3	Nanotube morphology changes for Ti-Zr alloys as Zr content increases. <i>Thin Solid Films</i> , 2009, 517, 5033-5037.	0.8	64
4	Effect of coating on properties of esthetic orthodontic nickel-titanium wires. <i>Angle Orthodontist</i> , 2012, 82, 319-325.	1.1	62
5	Triggering the hydroxyapatite deposition on the surface of PEO-coated Ti-6Al-4V alloy via the dual incorporation of Zn and Mg ions. <i>Journal of Alloys and Compounds</i> , 2020, 819, 153038.	2.8	59
6	Electrochemical behavior of Co-Cr and Ni-Cr dental cast alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 785-790.	1.7	52
7	Nanostructure and corrosion behaviors of nanotube formed Ti-Zr alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 1005-1008.	1.7	51
8	Surface characteristics of HA coated Ti-30Ta-xZr and Ti-30Nb-xZr alloys after nanotube formation. <i>Surface and Coatings Technology</i> , 2010, 205, S305-S311.	2.2	47
9	Simultaneous improvement of corrosion resistance and bioactivity of a titanium alloy via wet and dry plasma treatments. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156840.	2.8	47
10	Electrochemical and bioactive characteristics of the porous surface formed on Ti-xNb alloys via plasma electrolytic oxidation. <i>Surface and Coatings Technology</i> , 2019, 378, 125027.	2.2	46
11	Nanotubular surface and morphology of Ti-binary and Ti-ternary alloys for biocompatibility. <i>Thin Solid Films</i> , 2011, 519, 4652-4657.	0.8	45
12	Electrochemical characteristics of Ti-6Al-4V after plasma electrolytic oxidation in solutions containing Ca, P, and Zn ions. <i>Surface and Coatings Technology</i> , 2017, 320, 458-466.	2.2	42
13	Effects of TiN coating on the corrosion of nanostructured Ti-30Ta-xZr alloys for dental implants. <i>Applied Surface Science</i> , 2012, 258, 1929-1934.	3.1	39
14	Hydroxyapatite coating on the Ti-35Nb-xZr alloy by electron beam-physical vapor deposition. <i>Thin Solid Films</i> , 2011, 519, 7050-7056.	0.8	36
15	The biocompatibility of HA thin films deposition on anodized titanium alloys. <i>Surface and Coatings Technology</i> , 2010, 205, S267-S270.	2.2	35
16	Hydroxyapatite thin film coatings on nanotube-formed Ti-35Nb-10Zr alloys after femtosecond laser texturing. <i>Surface and Coatings Technology</i> , 2013, 217, 13-22.	2.2	35
17	Bone-like apatite formation on manganese-hydroxyapatite coating formed on Ti-6Al-4V alloy by plasma electrolytic oxidation. <i>Thin Solid Films</i> , 2016, 620, 126-131.	0.8	34
18	Bioactivity evaluation of porous TiO <sub>2</sub> surface formed on titanium in mixed electrolyte by spark anodization. <i>Surface and Coatings Technology</i> , 2013, 235, 706-713.	2.2	33

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19	Effect of various intraoral repair systems on the shear bond strength of composite resin to zirconia. <i>Journal of Advanced Prosthodontics</i> , 2013, 5, 248.	1.1	33
20	The effect of in-situ reactive incorporation of MoO <sub>x</sub> on the corrosion behavior of Ti-6Al-4V alloy coated via micro-arc oxidation coating. <i>Corrosion Science</i> , 2021, 192, 109764.	3.0	32
21	Plasma electrolytic oxidation of Ti-25Nb-xTa alloys in solution containing Ca and P ions. <i>Surface and Coatings Technology</i> , 2020, 395, 125916.	2.2	32
22	Nanostructured thin film formation on femtosecond laser-textured Ti-35Nb-xZr alloy for biomedical applications. <i>Thin Solid Films</i> , 2011, 519, 4668-4675.	0.8	29
23	Electrochemical and surface behavior of hydroxyapatite/Ti film on nanotubular Ti-35Nb-xZr alloys. <i>Applied Surface Science</i> , 2012, 258, 2129-2136.	3.1	29
24	Hydroxyapatite precipitation on nanotubular films formed on Ti-6Al-4V alloy for biomedical applications. <i>Thin Solid Films</i> , 2013, 549, 135-140.	0.8	29
25	Morphology of hydroxyapatite nanoparticles in coatings on nanotube-formed Ti-Nb-Zr alloys for dental implants. <i>Vacuum</i> , 2014, 107, 297-303.	1.6	29
26	Bioactive apatite formation on PEO-treated Ti-6Al-4V alloy after 3rd anodic titanium oxidation. <i>Applied Surface Science</i> , 2019, 484, 365-373.	3.1	29
27	Hydroxyapatite coatings containing Zn and Si on Ti-6Al-4V alloy by plasma electrolytic oxidation. <i>Applied Surface Science</i> , 2018, 432, 337-346.	3.1	28
28	Nanotube formation and morphology change of Ti alloys containing Hf for dental materials use. <i>Thin Solid Films</i> , 2009, 517, 5365-5369.	0.8	27
29	Formation of titanium dioxide nanotubes on Ti-30Nb-xTa alloys by anodizing. <i>Thin Solid Films</i> , 2013, 549, 141-146.	0.8	27
30	Hydroxyapatite formation on biomedical Ti-Ta-Zr alloys by magnetron sputtering and electrochemical deposition. <i>Thin Solid Films</i> , 2014, 572, 119-125.	0.8	27
31	Morphology changes and bone formation on PEO-treated Ti-6Al-4V alloy in electrolyte containing Ca, P, Sr, and Si ions. <i>Applied Surface Science</i> , 2019, 477, 121-130.	3.1	27
32	Morphology of hydroxyapatite coated nanotube surface of Ti-35Nb-xHf alloys for implant materials. <i>Thin Solid Films</i> , 2011, 520, 793-799.	0.8	26
33	Surface characteristics of hydroxyapatite/titanium composite layer on the Ti-35Ta-xZr surface by RF and DC sputtering. <i>Thin Solid Films</i> , 2011, 519, 7045-7049.	0.8	26
34	Low elastic modulus Ti-Ta alloys for load-bearing permanent implants: Enhancing the biodegradation resistance by electrochemical surface engineering. <i>Materials Science and Engineering C</i> , 2015, 46, 226-231.	3.8	25
35	Corrosion characteristics of anodized Ti-(10-40wt%)Hf alloys for metallic biomaterials use. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 41-50.	1.7	24
36	Effect of different grinding burs on the physical properties of zirconia. <i>Journal of Advanced Prosthodontics</i> , 2016, 8, 137.	1.1	24

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37	Hydroxyapatite coating on micropore-formed titanium alloy utilizing electrochemical deposition. <i>Thin Solid Films</i> , 2013, 549, 154-158.	0.8	23
38	Corrosion behaviors of bioactive element coatings on PEO-treated Ti-6Al-4V alloys. <i>Surface and Coatings Technology</i> , 2019, 376, 44-51.	2.2	23
39	Surface characteristics of HA coated Ti-Hf binary alloys after nanotube formation. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 852-856.	1.7	22
40	Surface characteristics of hydroxyapatite films deposited on anodized titanium by an electrochemical method. <i>Thin Solid Films</i> , 2013, 546, 185-188.	0.8	21
41	Effects of TiN and WC coating on the fatigue characteristics of dental implant. <i>Surface and Coatings Technology</i> , 2014, 243, 71-81.	2.2	21
42	Corrosion phenomena of PEO-treated films formed in solution containing Mn, Mg, and Si ions. <i>Applied Surface Science</i> , 2019, 477, 50-59.	3.1	21
43	Electrochemical Behavior of Nano and Femtosecond Laser Textured Titanium Alloy for Implant Surface Modification. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1581-1584.	0.9	20
44	Mn-coatings on the micro-pore formed Ti-29Nb-xHf alloys by RF-magnetron sputtering for dental applications. <i>Applied Surface Science</i> , 2018, 432, 278-284.	3.1	20
45	Effects of Zn and Si ions on the corrosion behaviors of PEO-treated Ti-6Al-4V alloy. <i>Applied Surface Science</i> , 2019, 477, 79-90.	3.1	20
46	Acceleration of Bone Formation and Adhesion Ability on Dental Implant Surface via Plasma Electrolytic Oxidation in a Solution Containing Bone Ions. <i>Metals</i> , 2021, 11, 106.	1.0	20
47	Control of nanotube shape and morphology on Ti-Nb-Ta-Zr alloys by varying anodizing potential. <i>Thin Solid Films</i> , 2014, 572, 105-112.	0.8	19
48	Surface morphology and cell behavior of Zn-coated Ti-6Al-4V alloy by RF-sputtering after PEO-treatment. <i>Surface and Coatings Technology</i> , 2019, 361, 386-395.	2.2	19
49	Phenomena of Nanotube Nucleation and Growth on New Ternary Titanium Alloys. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 4684-4689.	0.9	18
50	Silicon-substituted hydroxyapatite coating with Si content on the nanotube-formed Ti-Nb-Zr alloy using electron beam-physical vapor deposition. <i>Thin Solid Films</i> , 2013, 546, 189-195.	0.8	18
51	Hydroxyapatite deposition on micropore-formed Ti-Ta-Nb alloys by plasma electrolytic oxidation for dental applications. <i>Surface and Coatings Technology</i> , 2016, 294, 15-20.	2.2	18
52	Mechanical properties and corrosion resistance of low rigidity quaternary titanium alloy for biomedical applications. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 862-865.	1.7	17
53	Biocompatibility and Degradation of a Low Elastic Modulus Ti-35Nb-3Zr Alloy: Nanosurface Engineering for Enhanced Degradation Resistance. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 509-517.	2.6	17
54	Mg-containing hydroxyapatite coatings on Ti-6Al-4V alloy for dental materials. <i>Applied Surface Science</i> , 2018, 432, 294-299.	3.1	17

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55	Plasma electrolytic oxidation of Ti-6Al-4V alloy in electrolytes containing bone formation ions. <i>Applied Surface Science</i> , 2020, 513, 145776.	3.1	17
56	Analyses of fractured implant fixture after prolonged implantation. <i>Metals and Materials International</i> , 2004, 10, 327-335.	1.8	16
57	Surface characteristics of TiN/ZrN coated nanotubular structure on the Ti-35Ta-xHf alloy for bio-implant applications. <i>Applied Surface Science</i> , 2012, 258, 2088-2092.	3.1	16
58	Preparation of silicon-substituted hydroxyapatite coatings on Ti-30Nb-xTa alloys using cyclic electrochemical deposition method. <i>Thin Solid Films</i> , 2014, 572, 99-104.	0.8	16
59	Electrochemical deposition behavior and characterization of Pd-Ag-HAp nanoparticles on ultra-fine TiO <sub>2</sub> nanotubes. <i>Surface and Coatings Technology</i> , 2017, 320, 383-390.	2.2	16
60	Formation of Surface Roughness on the Ti-35Nb-xZr Alloy Using Femtosecond Laser for Biocompatibility. <i>Procedia Engineering</i> , 2011, 10, 2393-2398.	1.2	15
61	Plasma deposition of a silicone-like layer for the corrosion protection of magnesium. <i>Progress in Organic Coatings</i> , 2013, 76, 1827-1832.	1.9	15
62	Electrochemical behavior of hydroxyapatite/TiN multi-layer coatings on Ti alloys. <i>Thin Solid Films</i> , 2014, 572, 113-118.	0.8	15
63	Electrochemically-coated hydroxyapatite films on nanotubular Ti Nb alloys prepared in solutions containing Ca, P, and Zn ions. <i>Thin Solid Films</i> , 2016, 620, 132-138.	0.8	15
64	Surface phenomena of HA/TiN coatings on the nanotubular-structured beta Ti-29Nb-5Zr alloy for biomaterials. <i>Applied Surface Science</i> , 2012, 258, 2083-2087.	3.1	14
65	AC impedance behavior of silicon-hydroxyapatite doped film on the Ti-35Nb-xZr alloy by EB-PVD method. <i>Surface and Coatings Technology</i> , 2013, 228, S505-S510.	2.2	14
66	Photofunctionalization of EB-PVD HA-coated nano-pore surface of Ti-30Nb-xZr alloy for dental implants. <i>Surface and Coatings Technology</i> , 2013, 228, S470-S476.	2.2	14
67	Morphology change of HA films on highly ordered nanotubular Ti-Nb-Hf alloys as a function of electrochemical deposition cycle. <i>Surface and Coatings Technology</i> , 2014, 259, 281-289.	2.2	14
68	Effects of nitrogen ion implantation on the corrosion characteristics of Cu-electroless plated and sintered stainless steel. <i>Surface and Coatings Technology</i> , 1999, 112, 299-306.	2.2	13
69	Electrochemical behavior of TiN film coated Ti-Nb alloys for dental materials. <i>Metals and Materials International</i> , 2006, 12, 365-369.	1.8	13
70	Surface characteristics of hydroxyapatite coatings on nanotubular Ti-25Ta-xZr alloys prepared by electrochemical deposition. <i>Surface and Coatings Technology</i> , 2014, 259, 274-280.	2.2	13
71	Bioactive element coatings on nano-mesh formed Ti-6Al-4V alloy surface using plasma electrolytic oxidation. <i>Surface and Coatings Technology</i> , 2021, 406, 126649.	2.2	13
72	Microscopic Analysis of Fractured Dental Implant Surface after Clinical Use. <i>Procedia Engineering</i> , 2011, 10, 1955-1960.	1.2	12

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73	Hydroxyapatite-silicon film deposited on Ti-10Zr by electrochemical and magnetron sputtering method. <i>Thin Solid Films</i> , 2016, 620, 114-118.	0.8	12
74	Correlation of immunohistochemical characteristics of the craniomandibular joint with the degree of mandibular lengthening in rabbits. <i>Journal of Oral and Maxillofacial Surgery</i> , 2003, 61, 1189-1197.	0.5	11
75	Surface morphology of Ti-25Ta-xZr alloys for dental implants prepared by RF sputtering. <i>Thin Solid Films</i> , 2013, 549, 131-134.	0.8	11
76	Surface morphology of Zn-containing hydroxyapatite (Zn-HA) deposited electrochemically on Ti-xNb alloys. <i>Thin Solid Films</i> , 2015, 587, 163-168.	0.8	11
77	Functional Elements Coatings on the Plasma Electrolytic Oxidation-Treated Ti-6Al-4V Alloy by Electrochemical Precipitation Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4344-4349.	0.9	11
78	Functional element coatings on Ti-alloys for biomaterials by plasma electrolytic oxidation. <i>Thin Solid Films</i> , 2020, 699, 137896.	0.8	11
79	Surface observation of nanotube-formed titanium by anodization in electrolyte containing hydroxyapatite nanoparticles. <i>Applied Surface Science</i> , 2019, 483, 76-84.	3.1	10
80	Evaluation of bone formation on ultra-fine structures in simulated body fluid. <i>Applied Surface Science</i> , 2019, 477, 271-279.	3.1	10
81	Effect of surface coating on the screw loosening of dental abutment screws. <i>Metals and Materials International</i> , 2004, 10, 549-553.	1.8	9
82	Effects of TiN film coating on electrochemical behaviors of nanotube formed Ti-xHf alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 857-861.	1.7	9
83	Evaluation of Interfacial Bonding Strength between Laser Textured Metal Coping and Porcelain. <i>Procedia Engineering</i> , 2011, 10, 2286-2291.	1.2	9
84	Formation of Nano-Phase Hydroxyapatite Film on TiO <sub>2</sub> Nano-Network. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 822-827.	0.9	9
85	Surface characteristics of hydroxyapatite-coated layer prepared on nanotubular Ti-35Ta-xHf alloys by EB-PVD. <i>Thin Solid Films</i> , 2013, 549, 147-153.	0.8	9
86	Ultra-fine structures of Pd-Ag-HAp nanoparticle deposition on protruded TiO <sub>2</sub> barrier layer for dental implant. <i>Applied Surface Science</i> , 2018, 432, 285-293.	3.1	9
87	Magnesium, silicon, and hydroxyapatite deposition on the Ti-xNb-2Ag-2Pt alloy by co-sputtering after nanotube formation. <i>Surface and Coatings Technology</i> , 2020, 404, 126487.	2.2	9
88	Effect of the Mg Ion Containing Oxide Films on the Biocompatibility of Plasma Electrolytic Oxidized Ti-6Al-4V. <i>Journal of the Korean Institute of Surface Engineering</i> , 2016, 49, 135-140.	0.1	9
89	Effects of nitrogen ion implantation on the surface characteristics of iron aluminides. <i>Surface and Coatings Technology</i> , 2001, 148, 77-86.	2.2	8
90	Corrosion behavior between dental implant abutment and cast gold alloy. <i>Metals and Materials International</i> , 2004, 10, 153-159.	1.8	8

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91	Surface characteristics of clinically used dental implant screws. <i>Metals and Materials International</i> , 2005, 11, 449-456.	1.8	8
92	Fatigue Fracture of Implant System Using TiN and WC Coated Abutment Screw. <i>Procedia Engineering</i> , 2011, 10, 680-685.	1.2	8
93	Nanostructured surface changes of Ti-35Ta-xZr alloys with changes in anodization factors. <i>Thin Solid Films</i> , 2011, 519, 4663-4667.	0.8	8
94	Variations of nanotubes on the Ti-Nb-Hf alloys with applied voltages. <i>Thin Solid Films</i> , 2016, 620, 119-125.	0.8	8
95	Electrochemical characteristics of Sr/Si-doped hydroxyapatite coating on the Ti alloy surface via plasma electrolytic oxidation. <i>Thin Solid Films</i> , 2022, 746, 139124.	0.8	8
96	Effects of Electrolyte Concentration on Formation of Calcium Phosphate Films on Ti-6Al-4V by Electrochemical Deposition. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2743-2746.	0.9	7
97	Precipitation of bone-like apatite on plasma electrolytic oxidized Ti-6Al-4V alloy. <i>Thin Solid Films</i> , 2022, 746, 139136.	0.8	7
98	Corrosion behaviors of macro/micro/nano-scale surface modification on Ti-6Al-4V alloy for bio-implant. <i>Thin Solid Films</i> , 2022, 754, 139314.	0.8	7
99	Interface activation and surface characteristics of Ti/TiN/HA coated sintered stainless steels. <i>Metals and Materials International</i> , 2006, 12, 31-37.	1.8	6
100	Electrochemical behavior of dental implant system before and after clinical use. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 846-851.	1.7	6
101	Measurement of oxide thin film dissolution rate on the HA-coated Ti alloy by scanning electron microscopy and impedance spectroscopy. <i>Surface and Interface Analysis</i> , 2012, 44, 1468-1472.	0.8	6
102	Effects of Hf content on nanotubular structure of Ti-29Nb-xHf ternary alloys. <i>Surface and Coatings Technology</i> , 2017, 320, 109-117.	2.2	6
103	Phenomena of Nano- and Micro-Pore Formation on Ti-(10~50)Ta Alloys by Plasma Electrolytic Oxidation for Dental Implants. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2285-2290.	0.9	6
104	Electrochemical Deposition of Hydroxyapatite Substituted with Magnesium and Strontium on Ti-6Al-4V Alloy. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1449-1452.	0.9	6
105	Morphology of hydroxyapatite and Sr coatings deposited using radio frequency-magnetron sputtering method on nanotube formed Ti-6Al-4V alloy. <i>Thin Solid Films</i> , 2021, 735, 138893.	0.8	6
106	Nanotubular Oxide Surface and Layer Formed on the Ti-35Ta-xZr Alloys for Biomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 7433-7437.	0.9	5
107	Surface Characteristics of Nano-Structured Silicon/Hydroxyapatite Deposition onto the Ti-Nb-Zr Alloy. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1783-1786.	0.9	5
108	Hydroxyapatite Coatings Containing Mn and Si on the Oxidized Ti-6Al-4V Alloy for Dental Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 833-836.	0.9	5

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109	Electrochemical Behaviors of a TiN-Coated/Nanotube-formed Ti-Zr Alloy. Journal of the Korean Physical Society, 2009, 54, 1036-1041.	0.3	5
110	Effects of Cr, Mo and B on the Corrosion Behavior of Fe <sub>3</sub> Al Intermetallic Compounds. Zairyo To Kankyo/ Corrosion Engineering, 1996, 45, 122-130.	0.0	4
111	Electrochemical Oxide Nanotube Formation on the Ti-35Ta-xHf Alloys for Dental Materials. Journal of Nanoscience and Nanotechnology, 2011, 11, 7428-7432.	0.9	4
112	Nanotube growth analysis in the interface between oxide film and titanium alloy substrate using STEM and FE-SEM. Surface and Interface Analysis, 2012, 44, 1473-1478.	0.8	4
113	Surface Phenomena of Hydroxyapatite Film on the Nanopore Formed Ti-29Nb-xZr Alloy by Anodization for Bioimplants. Journal of Nanoscience and Nanotechnology, 2013, 13, 1679-1683.	0.9	4
114	Hydroxyapatite Precipitation on Nanotube Surfaces of Ti-35Ta-xNb Alloys. Journal of Nanoscience and Nanotechnology, 2014, 14, 7581-7584.	0.9	4
115	Nanotube Nucleation Phenomena on Ti-25Ta-xZr Alloys for Implants Using ATO Technique. Journal of Nanoscience and Nanotechnology, 2014, 14, 7569-7573.	0.9	4
116	Highly ordered nanotubular film formation on Ti-25Nb-xZr and Ti-25Ta-xHf. Thin Solid Films, 2015, 596, 94-100.	0.8	4
117	Reprint of "Hydroxyapatite deposition on micropore-formed Ti-Ta-Nb alloys by plasma electrolytic oxidation for dental applications" Surface and Coatings Technology, 2016, 307, 1152-1157.	2.2	4
118	Corrosion Behavior of Nanotubular Oxide on the Ti-29Nb-xZr Alloy. Journal of Nanoscience and Nanotechnology, 2011, 11, 1636-1639.	0.9	3
119	Enhanced research of nanotubular-structured Ti-35Nb-xZr alloys for biomaterials using STEM. Surface and Interface Analysis, 2012, 44, 1462-1467.	0.8	3
120	Transmission electron microscopy application for the phenomena of hydroxyapatite precipitation in micropore-structured Ti alloy. Surface and Interface Analysis, 2012, 44, 1492-1496.	0.8	3
121	Surface Morphology of Highly Ordered Nanotube Formed and Laser Textured Beta Titanium Alloys. Journal of Nanoscience and Nanotechnology, 2013, 13, 1876-1879.	0.9	3
122	Nanotube Nucleation Phenomena of Titanium Dioxide on the Ti-6Al-4V Alloy Using Anodic Titanium Oxide Technique. Journal of Nanoscience and Nanotechnology, 2015, 15, 467-470.	0.9	3
123	Nanotubular Structure on the Ti-29Nb-5Zr Alloy by Scanning Transmission Electron Microscope. Journal of Nanoscience and Nanotechnology, 2015, 15, 595-599.	0.9	3
124	Biocompatibility of Mg Ion Doped Hydroxyapatite Films on Ti-6Al-4V Surface by Electrochemical Deposition. Journal of Nanoscience and Nanotechnology, 2016, 16, 1405-1409.	0.9	3
125	Pore Shape Changes and Apatite Formation on Zn and Si Ion-Doped HA Films of Ti-6Al-4V After Plasma Electrolytic Oxidation Treatment. Journal of Nanoscience and Nanotechnology, 2018, 18, 1442-1444.	0.9	3
126	A new link between apoptosis induced by the metformin derivative HL156A and autophagy in oral squamous cell carcinoma. European Journal of Pharmacology, 2022, 920, 174859.	1.7	3



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127	Micro-scaled morphology of Ti-40Nb-xZr alloy with applied voltage via plasma electrolytic oxidation. <i>Thin Solid Films</i> , 2022, 751, 139231.	0.8	3
128	Degradation phenomena of magnetic attachments used clinically in the oral environment. <i>Metals and Materials International</i> , 2006, 12, 357-364.	1.8	2
129	AC Impedance Behaviors of Electrochemically Deposited Si-Hydroxyapatite Films on Nanotube-Formed Ti-Nb-Zr Alloys. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 9014-9019.	0.9	2
130	Electrochemical and Sputtering Deposition of Hydroxyapatite Film on Nanotubular Ti-Ta-Nb-Zr Alloys. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 8405-8410.	0.9	2
131	Surface Morphology of Nanotube Formed Ti Alloy by Electrochemical Methods. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 8372-8376.	0.9	2
132	Electrochemical Characteristics of Cell Cultured Ti-Nb-Zr Alloys After Nano-Crystallized Si-HA Coating. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 185-188.	0.9	2
133	Electrochemical Deposition of Si-Ca/P on Nanotube Formed Beta Ti Alloy by Cyclic Voltammetry Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 6124-6128.	0.9	2
134	Surface Characteristics of Nanotube Formed Ti-Nb-xZr Alloys. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2655-2660.	0.9	2
135	Functional Elements Coatings on Ti-6Al-4V Alloy by Plasma Electrolytic Oxidation for Biomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1114-1117.	0.9	2
136	Nano/Micro-Sized Morphologies of Hydroxyapatite Coatings Containing Mn and Si on an Oxidized Ti-6Al-4V Alloy Surface for Dental Implants. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 3701-3706.	0.9	2
137	Electrochemical Analysis of Nano- and Micro-Sized Pore Formed Ti-6Al-4V Alloys in Solution Containing Ca, P, Mn, and Si Ions via Plasma Electrolytic Oxidation for Bio-Implant Materials. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4022-4028.	0.9	2
138	Corrosion Behaviors of Zn, Si, and Mn-Doped Hydroxyapatite Coatings Formed on the Ti-6Al-4V Alloy by Plasma Electrolytic Oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5618-5624.	0.9	2
139	Stress Corrosion Behavior of Ni-Ti Shape Memory Alloys in High Temperature Water. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1996, 60, 577-581.	0.2	2
140	Corrosion Characteristics of EB-PVD Ti/TiN Multi-layer Film Coated Sm-Co and Fe-Nd-B Magnets. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2001, 65, 253-261.	0.2	2
141	Nanotube Formation of Ti-6Al-4V Alloy and Its Corrosion Behavior. <i>Thin Solid Films</i> , 2022, , 139216.	0.8	2
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