

Satoshi Komasa

List of Publications by Year in descending order

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37
papers

580
citations

686830

13
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642321

23
g-index

41
all docs

41
docs citations

41
times ranked

644
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteogenic activity of titanium surfaces with nanonetwork structures. International Journal of Nanomedicine, 2014, 9, 1741.	3.3	58
2	Drug-Loadable Calcium Alginate Hydrogel System for Use in Oral Bone Tissue Repair. International Journal of Molecular Sciences, 2017, 18, 989.	1.8	46
3	Effect of ultraviolet treatment on bacterial attachment and osteogenic activity to alkali-treated titanium with nanonetwork structures. International Journal of Nanomedicine, 2017, Volume 12, 4633-4646.	3.3	40
4	Bioactivity of nanostructure on titanium surface modified by chemical processing at room temperature. Journal of Prosthodontic Research, 2012, 56, 170-177.	1.1	38
5	Nanostructured Ti6Al4V alloy fabricated using modified alkali-heat treatment: Characterization and cell adhesion. Materials Science and Engineering C, 2016, 59, 617-623.	3.8	37
6	Synergistic effect of nanotopography and bioactive ions on peri-implant bone response. International Journal of Nanomedicine, 2017, Volume 12, 925-934.	3.3	30
7	In Vitro and In Vivo Osteogenic Activity of Titanium Implants Coated by Pulsed Laser Deposition with a Thin Film of Fluoridated Hydroxyapatite. International Journal of Molecular Sciences, 2018, 19, 1127.	1.8	28
8	Effect of Plasma Treatment of Titanium Surface on Biocompatibility. Applied Sciences (Switzerland), 2019, 9, 2257.	1.3	26
9	Cell Differentiation on Nanoscale Features of a Titanium Surface: Effects of Deposition Time in NaOH Solution. Journal of Hard Tissue Biology, 2014, 23, 63-70.	0.2	22
10	<p>Effect of mussel adhesive protein coating on osteogenesis in vitro and osteointegration in vivo to alkali-treated titanium with nanonetwork structures</p>. International Journal of Nanomedicine, 2019, Volume 14, 3831-3843.	3.3	19
11	Biocompatibility of a High-Plasticity, Calcium Silicate-Based, Ready-to-Use Material. Materials, 2020, 13, 4770.	1.3	18
12	Optimized Surface Characteristics and Enhanced in Vivo Osseointegration of Alkali-Treated Titanium with Nanonetwork Structures. International Journal of Molecular Sciences, 2019, 20, 1127.	1.8	17
13	Effect of Amelogenin Coating of a Nano-Modified Titanium Surface on Bioactivity. International Journal of Molecular Sciences, 2018, 19, 1274.	1.8	15
14	UV Treatment Improves the Biocompatibility and Antibacterial Properties of Crystallized Nanostructured Titanium Surface. International Journal of Molecular Sciences, 2019, 20, 5991.	1.8	15
15	Effect of Nanosheet Surface Structure of Titanium Alloys on Cell Differentiation. Journal of Nanomaterials, 2014, 2014, 1-11.	1.5	13
16	Bioactivity of NANOZR Induced by Alkali Treatment. International Journal of Molecular Sciences, 2017, 18, 780.	1.8	13
17	Effects of Surface Modification on Adsorption Behavior of Cell and Protein on Titanium Surface by Using Quartz Crystal Microbalance System. Materials, 2021, 14, 97.	1.3	13
18	Osseointegration of Alkali-Modified NANOZR Implants: An In Vivo Study. International Journal of Molecular Sciences, 2019, 20, 842.	1.8	12

#	ARTICLE	IF	CITATIONS
19	Enhanced Osseointegration and Bio-Decontamination of Nanostructured Titanium Based on Non-Thermal Atmospheric Pressure Plasma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3533.	1.8	11
20	Immunomodulatory Properties and Osteogenic Activity of Polyetheretherketone Coated with Titanate Nanonetwork Structures. <i>International Journal of Molecular Sciences</i> , 2022, 23, 612.	1.8	10
21	Hydroxyapatite Film Coating by Er:YAG Pulsed Laser Deposition Method for the Repair of Enamel Defects. <i>Materials</i> , 2021, 14, 7475.	1.3	10
22	Adsorption of Saliva Related Protein on Denture Materials: An X-Ray Photoelectron Spectroscopy and Quartz Crystal Microbalance Study. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-9.	1.0	9
23	Evaluation of the Osteointegration of a Novel Alkali-Treated Implant System <i>In Vivo&/i>. <i>Journal of Hard Tissue Biology</i> , 2017, 26, 355-360.	0.2	9
24	Effect of Plasma Treatment on Titanium Surface on the Tissue Surrounding Implant Material. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6931.	1.8	9
25	Effect of Argon-Based Atmospheric Pressure Plasma Treatment on Hard Tissue Formation on Titanium Surface. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7617.	1.8	7
26	Structural Characterization and Osseointegrative Properties of Pulsed Laser-Deposited Fluorinated Hydroxyapatite Films on Nano-Zirconia for Implant Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2416.	1.8	7
27	Characterization of Hydroxyapatite Film Obtained by Er:YAG Pulsed Laser Deposition on Sandblasted Titanium: An In Vitro Study. <i>Materials</i> , 2022, 15, 2306.	1.3	7
28	Effects of Plasma Treatment on the Bioactivity of Alkali-Treated Ceria-Stabilised Zirconia/Alumina Nanocomposite (NANOZR). <i>International Journal of Molecular Sciences</i> , 2020, 21, 7476.	1.8	6
29	Decontamination of Titanium Surface Using Different Methods: An In Vitro Study. <i>Materials</i> , 2020, 13, 2287.	1.3	6
30	Analysis of Titania Nanosheet Adsorption Behavior Using a Quartz Crystal Microbalance Sensor. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-10.	1.0	5
31	Characterization and Bone Differentiation of Nanoporous Structure Fabricated on Ti6Al4V Alloy. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-12.	1.5	4
32	Antibacterial Activity and Biocompatibility of Nanoporous Titanium Doped with Silver Nanoparticles and Coated with N-Acetyl Cysteine. <i>Journal of Hard Tissue Biology</i> , 2018, 27, 351-358.	0.2	4
33	Effects of UV Treatment on Ceria-Stabilized Zirconia/Alumina Nanocomposite (NANOZR). <i>Materials</i> , 2020, 13, 2772.	1.3	4
34	Bioactivity of Titanium Surface Nanostructures Following Chemical Processing and Heat Treatment. <i>Journal of Hard Tissue Biology</i> , 2015, 24, 257-266.	0.2	3
35	Antimicrobial Effect of Titanium Hydroxyapatite in Denture Base Resin. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 963.	1.3	2
36	Professional Mechanical Tooth Cleaning Method for Dental Implant Surface by Agar Particle Blasting. <i>Materials</i> , 2021, 14, 6805.	1.3	2

#	ARTICLE	IF	CITATIONS
37	Lactoferrin Coating Improves the Antibacterial and Osteogenic Properties of Alkali-Treated Titanium with Nanonetwork Structures. Journal of Nanomaterials, 2020, 2020, 1-13.	1.5	1