

Satoshi Komasa

List of Publications by Year in descending order

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37
papers

580
citations

686830

13
h-index

642321

23
g-index

41
all docs

41
docs citations

41
times ranked

644
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Effects of Surface Modification on Adsorption Behavior of Cell and Protein on Titanium Surface by Using Quartz Crystal Microbalance System. <i>Materials</i> , 2021, 14, 97.	1.3	13
7	Professional Mechanical Tooth Cleaning Method for Dental Implant Surface by Agar Particle Blasting. <i>Materials</i> , 2021, 14, 6805.	1.3	2
8	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
9	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
10	Lactoferrin Coating Improves the Antibacterial and Osteogenic Properties of Alkali-Treated Titanium with Nanonetwork Structures. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-13.	1.5	1
11	Biocompatibility of a High-Plasticity, Calcium Silicate-Based, Ready-to-Use Material. <i>Materials</i> , 2020, 13, 4770.	1.3	18
12	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
13	Decontamination of Titanium Surface Using Different Methods: An In Vitro Study. <i>Materials</i> , 2020, 13, 2287.	1.3	6
14	Effects of UV Treatment on Ceria-Stabilized Zirconia/Alumina Nanocomposite (NANOZR). <i>Materials</i> , 2020, 13, 2772.	1.3	4
15	Effect of Plasma Treatment of Titanium Surface on Biocompatibility. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2257.	1.3	26
16	<p>Effect of mussel adhesive protein coating on osteogenesis in vitro and osseointegration in vivo to alkali-treated titanium with nanonetwork structures</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3831-3843.	3.3	19
17	Optimized Surface Characteristics and Enhanced in Vivo Osseointegration of Alkali-Treated Titanium with Nanonetwork Structures. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1127.	1.8	17
18	Osseointegration of Alkali-Modified NANOZR Implants: An In Vivo Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 842.	1.8	12

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19	UV Treatment Improves the Biocompatibility and Antibacterial Properties of Crystallized Nanostructured Titanium Surface. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5991.	1.8	15
20	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
21	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
22	Antimicrobial Effect of Titanium Hydroxyapatite in Denture Base Resin. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 963.	1.3	2
23	In Vitro and In Vivo Osteogenic Activity of Titanium Implants Coated by Pulsed Laser Deposition with a Thin Film of Fluoridated Hydroxyapatite. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1127.	1.8	28
24	Effect of Amelogenin Coating of a Nano-Modified Titanium Surface on Bioactivity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1274.	1.8	15
25	Effect of ultraviolet treatment on bacterial attachment and osteogenic activity to alkali-treated titanium with nanonetwork structures. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4633-4646.	3.3	40
26	Bioactivity of NANOZR Induced by Alkali Treatment. <i>International Journal of Molecular Sciences</i> , 2017, 18, 780.	1.8	13
27	Drug-Loadable Calcium Alginate Hydrogel System for Use in Oral Bone Tissue Repair. <i>International Journal of Molecular Sciences</i> , 2017, 18, 989.	1.8	46
28	Synergistic effect of nanotopography and bioactive ions on peri-implant bone response. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 925-934.	3.3	30
29	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
30	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
31	Nanostructured Ti6Al4V alloy fabricated using modified alkali-heat treatment: Characterization and cell adhesion. <i>Materials Science and Engineering C</i> , 2016, 59, 617-623.	3.8	37
32	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
33	Characterization and Bone Differentiation of Nanoporous Structure Fabricated on Ti6Al4V Alloy. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-12.	1.5	4
34	Cell Differentiation on Nanoscale Features of a Titanium Surface: Effects of Deposition Time in NaOH Solution. <i>Journal of Hard Tissue Biology</i> , 2014, 23, 63-70.	0.2	22
35	Osteogenic activity of titanium surfaces with nanonetwork structures. <i>International Journal of Nanomedicine</i> , 2014, 9, 1741.	3.3	58
36	Effect of Nanosheet Surface Structure of Titanium Alloys on Cell Differentiation. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-11.	1.5	13

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37	Bioactivity of nanostructure on titanium surface modified by chemical processing at room temperature. <i>Journal of Prosthodontic Research</i> , 2012, 56, 170-177.	1.1	38