

Noriyuyki Nagaoka

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,863
citations

304743

22
h-index

265206

42
g-index

59
all docs

59
docs citations

59
times ranked

1901
citing authors

#	ARTICLE	IF	CITATIONS
1	Re-Evaluation of Initial Bone Mineralization from an Engineering Perspective. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 246-255.	4.8	3
2	Effect of Airâ€Particle Abrasion Protocol and Primer on The Topography and Bond Strength of a Highâ€Translucent Zirconia Ceramic. <i>Journal of Prosthodontics</i> , 2022, 31, 228-238.	3.7	15
3	Flame retardance-donated lignocellulose nanofibers (LCNFs) by the Mannich reaction with (amino-1,3,5-triazinyl)phosphoramidates and their properties. <i>RSC Advances</i> , 2022, 12, 3300-3308.	3.6	1
4	Novel composite cement containing the anti-microbial compound CPC-Montmorillonite. <i>Dental Materials</i> , 2022, 38, 33-43.	3.5	7
5	A morphometric analysis of the osteocyte canalculus using applied automatic semantic segmentation by machine learning. <i>Journal of Bone and Mineral Metabolism</i> , 2022, , 1.	2.7	2
6	Eco-Benign Orange-Hued Pigment Derived from Aluminum-Enriched Biogenous Iron Oxide Sheaths. <i>ACS Omega</i> , 2022, 7, 12795-12802.	3.5	0
7	Nanostructural analysis of distinct nucleation sites in pathological mineralization. <i>Materials Advances</i> , 2021, 2, 4423-4431.	5.4	1
8	Antibacterial Effect of Amino Acidâ€Silver Complex Loaded Montmorillonite Incorporated in Dental Acrylic Resin. <i>Materials</i> , 2021, 14, 1442.	2.9	4
9	Phosphate group adsorption capacity of inorganic elements affects bond strength between CAD/CAM composite block and luting agent. <i>Dental Materials Journal</i> , 2021, 40, 288-296.	1.8	4
10	Flexural properties, bond ability, and crystallographic phase of highly translucent multi-layered zirconia. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2020, 18, 228080002094271.	1.6	4
11	Micro-Architectural Investigation of Teleost Fish Rib Inducing Pliant Mechanical Property. <i>Materials</i> , 2020, 13, 5099.	2.9	5
12	High-Quality Inorganic Red Pigment Prepared by Aluminum Deposition on Biogenous Iron Oxide Sheaths. <i>ACS Applied Bio Materials</i> , 2020, 3, 5699-5707.	4.6	4
13	Silane-coupling effect of a silane-containing self-adhesive composite cement. <i>Dental Materials</i> , 2020, 36, 914-926.	3.5	26
14	Development of self-adhesive pulp-capping agents containing a novel hydrophilic and highly polymerizable acrylamide monomer. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5320-5329.	5.8	6
15	Development of brushite particles synthesized in the presence of acidic monomers for dental applications. <i>Materials Science and Engineering C</i> , 2020, 116, 111178.	7.3	5
16	Three-dimensional observation and analysis of remineralization in dentinal caries lesions. <i>Scientific Reports</i> , 2020, 10, 4387.	3.3	17
17	Atomic level observation and structural analysis of phosphoric-acid ester interaction at dentin. <i>Acta Biomaterialia</i> , 2019, 97, 544-556.	8.3	29
18	Rechargeable anti-microbial adhesive formulation containing cetylpyridinium chloride montmorillonite. <i>Acta Biomaterialia</i> , 2019, 100, 388-397.	8.3	31

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19	Biomimetic mineralization using matrix vesicle nanofragments. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1021-1030.	4.0	24
20	Ultrastructure and bonding properties of tribochemical silica-coated zirconia. <i>Dental Materials Journal</i> , 2019, 38, 107-113.	1.8	24
21	Bioinspired Mineralization Using Chondrocyte Membrane Nanofragments. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 617-625.	5.2	26
22	Chondrocyte burst promotes space for mineral expansion. <i>Integrative Biology (United Kingdom)</i> , 2018, 10, 57-66.	1.3	14
23	Crystallographic and morphological analysis of sandblasted highly translucent dental zirconia. <i>Dental Materials</i> , 2018, 34, 508-518.	3.5	112
24	Chemical interaction of glycerophosphate dimethacrylate (GPDM) with hydroxyapatite and dentin. <i>Dental Materials</i> , 2018, 34, 1072-1081.	3.5	50
25	Light irradiance through novel CAD/CAM block materials and degree of conversion of composite cements. <i>Dental Materials</i> , 2018, 34, 296-305.	3.5	31
26	Conversion of silicate glass to highly oriented divalent ion substituted hydroxyapatite nanorod arrays in alkaline phosphate solutions. <i>Ceramics International</i> , 2018, 44, 18719-18726.	4.8	0
27	Sandblasting may damage the surface of composite CAD/CAM blocks. <i>Dental Materials</i> , 2017, 33, e124-e135.	3.5	93
28	Bacterial adhesion not inhibited by ion-releasing bioactive glass filler. <i>Dental Materials</i> , 2017, 33, 723-734.	3.5	41
29	Chemical interaction mechanism of 10-MDP with zirconia. <i>Scientific Reports</i> , 2017, 7, 45563.	3.3	144
30	Amino group in <i>Leptothrix</i> sheath skeleton is responsible for direct deposition of Fe(III) minerals onto the sheaths. <i>Scientific Reports</i> , 2017, 7, 6498.	3.3	11
31	Three-dimensional morphometry of collagen fibrils in membranous bone. <i>Integrative Biology (United Kingdom)</i> 10.1093/ib/ibz011	1.3	7
32	Dissociation and Re-Aggregation of Multicell-Ensheathed Fragments Responsible for Rapid Production of Massive Clumps of <i>Leptothrix</i> Sheaths. <i>Biology</i> , 2016, 5, 32.	2.8	8
33	Effectiveness and stability of silane coupling agent incorporated in "universal" adhesives. <i>Dental Materials</i> , 2016, 32, 1218-1225.	3.5	156
34	Various Effects of Sandblasting of Dental Restorative Materials. <i>PLoS ONE</i> , 2016, 11, e0147077.	2.5	19
35	Effects of porous-hydroxyapatite incorporated into glass-ionomer sealants. <i>Dental Materials Journal</i> , 2015, 34, 196-202.	1.8	12
36	Functional monomer impurity affects adhesive performance. <i>Dental Materials</i> , 2015, 31, 1493-1501.	3.5	83

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37	Ultra-structural evaluation of an anodic oxidated titanium dental implant. Dental Materials Journal, 2014, 33, 828-834.	1.8	7
38	Ectopic calcification: importance of common nanoparticle scaffolds containing oxidized acidic lipids. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 441-450.	3.3	9
39	Hybrid sponge comprised of galactosylated chitosan and hyaluronic acid mediates the co-culture of hepatocytes and endothelial cells. Journal of Bioscience and Bioengineering, 2014, 117, 99-106.	2.2	31
40	Adhesive interfacial interaction affected by different carbon-chain monomers. Dental Materials, 2013, 29, 888-897.	3.5	83
41	A red-emissive aminobenzopyrano-xanthene dye: elucidation of fluorescence emission mechanisms in solution and in the aggregate state. Physical Chemistry Chemical Physics, 2013, 15, 2131.	2.8	36
42	X-ray diffraction analysis of three-dimensional self-reinforcing monomer and its chemical interaction with tooth and hydroxyapatite. Dental Materials Journal, 2012, 31, 697-702.	1.8	15
43	Osteoblast compatibility of materials depends on serum protein absorbability in osteogenesis. Dental Materials Journal, 2012, 31, 674-680.	1.8	2
44	Real time assessment of surface interactions with a titanium passivation layer by surface plasmon resonance. Acta Biomaterialia, 2012, 8, 1260-1266.	8.3	3
45	Synthesis and characterization of lithium manganese oxides with core-shell Li ₄ Mn ₅ O ₁₂ @Li ₂ MnO ₃ structure as lithium battery electrode materials. Solid State Ionics, 2011, 196, 34-40.	2.7	21
46	Nanolayering of phosphoric acid ester monomer on enamel and dentin. Acta Biomaterialia, 2011, 7, 3187-3195.	8.3	168
47	Mechanical properties of a resin-modified glass ionomer cement for luting: effect of adding spherical silica filler. Dental Materials Journal, 2010, 29, 253-261.	1.8	7
48	Nano-controlled molecular interaction at adhesive interfaces for hard tissue reconstruction. Acta Biomaterialia, 2010, 6, 3573-3582.	8.3	208
49	Effect of a New Titanium Coating Material (CaTiO ₃ -aC) Prepared by Thermal Decomposition Method on Osteoblastic Cell Response. Journal of Biomaterials Applications, 2010, 24, 657-672.	2.4	23
50	Antibacterial effect of bactericide immobilized in resin matrix. Dental Materials, 2009, 25, 424-430.	3.5	143
51	Ultrasonic cleaning of silica-coated zirconia influences bond strength between zirconia and resin luting material. Dental Materials Journal, 2008, 27, 842-848.	1.8	36
52	Development of New Titanium Coating Material (CaTiO ₃ -aC) with Modified Thermal Decomposition Method. Journal of Hard Tissue Biology, 2008, 17, 47-54.	0.4	5
53	Chemical Analysis of a Novel Coating Material, CaTiO ₃ -aC. Journal of Hard Tissue Biology, 2008, 17, 115-120.	0.4	2
54	Fatigue Crack Behavior Related to Aged Microstructure in an Al-4%Ge Alloy. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2006, 70, 897-904.	0.4	4

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55	Distribution of actin filaments, non-muscle myosin, M-Ras, and extracellular signal-regulated kinase (ERK) in osteoclasts after calcitonin administration. Archives of Histology and Cytology, 2005, 68, 143-150.	0.2	12
56	Electron Microscopic Analysis of Melanosomes in Oral Pigmentation and Malignant Melanoma. Journal of Hard Tissue Biology, 2005, 14, 309-310.	0.4	0
57	Induction of activated caspase-3-immunoreactivity and apoptosis in the trigeminal ganglion neurons by neonatal peripheral nerve injury. Brain Research, 2004, 1017, 238-243.	2.2	16
58	Characteristics of Melanosomes in Melanotic and Amelanotic Melanomas. Journal of Hard Tissue Biology, 2004, 13, 87-90.	0.4	4
59	Elemental sulphur and alkali elutable melanin detected in oral melanosis and malignant melanoma by energy-filtering transmission electron microscopy. Journal of Oral Pathology and Medicine, 2002, 31, 481-487.	2.7	9