Fukue Nagata

List of Publications by Year
in descending order

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		430754	414303
79	1,274	18	32
papers	citations	h-index	g-index

80	80	80	1274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and dissolution behavior of boron-containing calcium phosphate invert glasses. Journal of Non-Crystalline Solids, 2022, 590, 121690.	1.5	2
2	Development of orthophosphosilicate glass/poly(lactic acid) composite anisotropic scaffolds for simultaneous reconstruction of bone quality and quantity. Journal of Biomedical Materials Research - Part A, 2021, 109, 788-803.	2.1	14
3	Development of paclitaxel-loaded poly(lactic acid)/hydroxyapatite coreâ€“shell nanoparticles as a stimuli-responsive drug delivery system. Royal Society Open Science, 2021, 8, 202030.	1.1	23
4	Evaluation of Drug-Loading Ability of Poly(Lactic Acid)/Hydroxyapatite Coreâ€“Shell Particles. Materials, 2021, 14, 1959.	1.3	3
5	Structures and Dissolution Behaviors of Quaternary CaO-SrO-P2O5-TiO2 Glasses. Materials, 2021, 14, 1736.	1.3	6
6	Adsorptive properties of milk proteins onto novel porous zirconia. Journal of the Ceramic Society of Japan, 2020, 128, 36-41.	0.5	4
7	Cytochrome c adsorption on various poly-L-glutamic acid-containing calcium phosphate particles. Open Ceramics, 2020, 2, 100009.	1.0	1
8	Efficient enzyme encapsulation inside sol-gel silica sheets prepared by poly-_L-lysine as a catalyst. Journal of Asian Ceramic Societies, 2020, 8, 396-406.	1.0	12
9	Preparation of Proteinâ€“Peptideâ€“Calcium Phosphate Composites for Controlled Protein Release. Molecules, 2020, 25, 2312.	1.7	4
10	Bone apatite anisotropic structure control via designing fibrous scaffolds. RSC Advances, 2020, 10, 13500-13506.	1.7	16
11	Protein immobilisation onto zirconium phosphate with the enhancement of the adsorption amount and catalytic activity. Materials Today Communications, 2020, 25, 101310.	0.9	2
12	Catalytic performance of ceria fibers with phosphatase-like activity and their application as protein carriers. Advanced Powder Technology, 2020, 31, 2880-2889.	2.0	9
13	DISSOLUTION BEHAVIOR OF MgO-CaO-P2O5-TiO2 INVERT GLASSES. Phosphorus Research Bulletin, 2020, 36, 10-14.	0.1	2
14	Hydroxyapatite Formation on Self-Assembling Peptides with Differing Secondary Structures and Their Selective Adsorption for Proteins. International Journal of Molecular Sciences, 2019, 20, 4650.	1.8	15
15	Avidin-adsorbed peptideâ€“calcium phosphate composites exhibiting high biotin-binding activity. New Journal of Chemistry, 2019, 43, 427-435.	1.4	7
16	Effective adsorption of dysprosium ions on amino and carboxyl functionalized mesoporous silica sheets. Journal of Asian Ceramic Societies, 2019, 7, 213-220.	1.0	9
17	Enzyme immobilisation on poly-<scp>l</scp>-lysine-containing calcium phosphate particles for highly sensitive glucose detection. RSC Advances, 2019, 9, 10832-10841.	1.7	13
18	Improvement of chroma of tantalum(V) nitride pigment by low-temperature oxidation treatment. Journal of the Ceramic Society of Japan, 2019, 127, 963-965.	0.5	2

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19	Elucidating the effect of different amino-functionalized spherical mesoporous silica characteristics on ribonucleic acid selectivity and adsorption capacity. Journal of Asian Ceramic Societies, 2018, 6, 70-81.	1.0	2
20	Optimization of carboxyl-functionalized mesoporous silica for the selective adsorption of dysprosium. Journal of Environmental Chemical Engineering, 2018, 6, 5990-5998.	3.3	17
21	Morphological control of mesoporous silica particles by dual template method. Ceramics International, 2018, 44, 20581-20585.	2.3	12
22	Synthesis of peptide-containing calcium phosphate nanoparticles exhibiting highly selective adsorption of various proteins. Applied Surface Science, 2018, 458, 438-445.	3.1	18
23	Fabrication of Biodegradable Core-Shell Micro/Nanoparticles. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2018, 65, 624-628.	0.1	0
24	Effects of pore distribution of hydroxyapatite particles on their protein adsorption behavior. Journal of Asian Ceramic Societies, 2017, 5, 88-93.	1.0	30
25	Effect of the Pore Diameters and Amino-Organo Functional Structures on Mesoporous Silicas for DNA Adsorption. Key Engineering Materials, 2016, 720, 31-36.	0.4	2
26	SYNTHESIS OF HYDROXYAPATITE PARTICLES INTENDED FOR THE SELECTIVE ADSORPTION OF BASIC PROTEINS. Phosphorus Research Bulletin, 2016, 31, 4-8.	0.1	0
27	Optimization of pore structure and particle morphology of mesoporous silica for antibody adsorption for use in affinity chromatography. Applied Surface Science, 2016, 384, 27-35.	3.1	6
28	Adsorption and desorption characteristics of DNA onto the surface of amino functional mesoporous silica with various particle morphologies. Colloids and Surfaces B: Biointerfaces, 2016, 140, 262-268.	2.5	36
29	Preparation of phylloquinone-loaded poly(lactic acid)/hydroxyapatite coreâ€“shell particles and their drug release behavior. Advanced Powder Technology, 2016, 27, 903-907.	2.0	12
30	Hydrothermal synthesis of hydroxyapatite nanoparticles and their protein adsorption behavior. Journal of the Ceramic Society of Japan, 2013, 121, 797-801.	0.5	20
31	Preparation of Surfactant-free Core-Shell Poly(lactic acid) / Calcium Phosphate Hybrid Particles and Their Drug Release Characteristics. IOP Conference Series: Materials Science and Engineering, 2011, 18, 182007.	0.3	3
32	Morphology control of calcium phosphate by mineralization on the Î²-sheet peptide template. Chemical Communications, 2010, 46, 6983.	2.2	21
33	Fabrication of Poly(D,L-lactide)/Apatite Nanocomposites through a Modified Surfactant-Free Process. Key Engineering Materials, 2007, 361-363, 523-526.	0.4	1
34	Orientation of Hydroxyapatite c-Axis under High Magnetic Field with Mold Rotation and Subsequent Sintering Process. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2007, 71, 427-431.	0.2	1
35	Formation of c-Axis Aligned Polycrystal Hydroxyapatite Using a High Magnetic Field with Mechanical Sample Rotation. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2006, 70, 412-414.	0.2	4
36	A method to fabricate hydroxyapatite/poly(lactic acid) microspheres intended for biomedical application. Journal of the European Ceramic Society, 2006, 26, 533-535.	2.8	43

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37	Protein release behavior from carbonate apatite hydrogel. Journal of the European Ceramic Society, 2006, 26, 519-523.	2.8	2
38	Formation of c-Axis Aligned Hydroxyapatite Sheet by Simultaneous Imposition of High Magnetic Field and Mold Rotation During Slip Casting Process. Key Engineering Materials, 2006, 309-311, 53-56.	0.4	2
39	Double Layered Microshells Composed of Calcium Phosphate and Poly (lactic acid). Key Engineering Materials, 2006, 309-311, 915-918.	0.4	1
40	Formation of c-axis Aligned Polycrystal Hydroxyapatite Using High Magnetic Field with Mechanical Sample Rotation. Materials Transactions, 2005, 46, 203-206.	0.4	43
41	Orientation of Hydroxyapatite <I>C</I>-Axis under High Magnetic Field with Mold Rotation and Subsequent Sintering Process. Materials Transactions, 2005, 46, 2514-2517.	0.4	31
42	Protein Loading and Solubility of Apatite Hydrogel. Key Engineering Materials, 2005, 284-286, 63-66.	0.4	1
43	Preparation of Porous Poly(Lactic Acid)/Hydroxyapatite Microspheres Intended for Injectable Bone Substitutes. Key Engineering Materials, 2005, 284-286, 819-822.	0.4	3
44	Apatite formation on collagen fibrils in the presence of polyacrylic acid. Journal of Materials Science: Materials in Medicine, 2004, 15, 593-599.	1.7	47
45	Apatite Hydrogel and Its Caking Behavior. Key Engineering Materials, 2003, 254-256, 63-66.	0.4	4
46	Influence of Carboxyl Groups Present in the Mineralising Medium in the Biomimetic Precipitation of Apatite on Collagen. Key Engineering Materials, 2003, 254-256, 399-402.	0.4	2
47	Preparation of Porous Composites Consisting of Apatite and Poly(D,L-Lactide). Key Engineering Materials, 2003, 240-242, 167-170.	0.4	4
48	PLA/HAp Microsphere-Based Porous Materials for Artificial Bone Grafts. Key Engineering Materials, 2003, 254-256, 293-296.	0.4	1
49	Elastic/Plastic Surface Deformation of Porous Composites Subjected to Spherical Nanoindentation. Key Engineering Materials, 2003, 240-242, 927-930.	0.4	12
50	Surfactant-free Preparation of Poly(lactic acid)/Hydroxyapatite Microspheres. Chemistry Letters, 2003, 32, 784-785.	0.7	32
51	Effect of Poly L-Aspartic Acid on the Biomimetic Formation of Calcium Phosphate on Collagen Gel. Key Engineering Materials, 2002, 218-220, 113-116.	0.4	0
52	Bone-Like Apatite Formation On Collagen Fibrils By Biomimetic Method. Chemistry Letters, 2002, 31, 702-703.	0.7	14
53	Calcium Phosphate Formation on the Phosphorylated Chitin Samples from SBF Solution. Key Engineering Materials, 2001, 192-195, 307-310.	0.4	4
54	Influence of Ethylamine on the Crystal Growth of Hydroxyapatite Crystals. Chemistry Letters, 2001, 30, 780-781.	0.7	12

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55	Bioactive Properties of Chitin/Chitosanâ€"Calcium Phosphate Composite Materials. Journal of Sol-Gel Science and Technology, 2001, 21, 105-113.	1.1	31
56	Preparation of Porous Apatite Material through Low Temperature Synthesis. Key Engineering Materials, 2001, 218-220, 65-70.	0.4	2
57	Growth and adhesion of osteoblast-like cells derived from neonatal rat calvaria on calcium phosphate ceramics. Journal of Bioscience and Bioengineering, 2000, 89, 18-26.	1.1	39
58	Production of poly-Î²-hydroxybutyric acid by microorganisms accumulated from river water using a two-stage perfusion culture system. Journal of Bioscience and Bioengineering, 2000, 89, 97-99.	1.1	1
59	Porous calcium phosphate coating over phosphorylated chitosan film by a biomimetic method. Biomaterials, 1999, 20, 879-884.	5.7	138
60	Title is missing!. Journal of Materials Science Letters, 1999, 18, 367-368.	0.5	5
61	In-vitro calcium phosphate growth over functionalized cotton fibers. Journal of Materials Science: Materials in Medicine, 1999, 10, 395-400.	1.7	14
62	Initial anchoring and proliferation of fibroblast L-929 cells on unstable surface of calcium phosphate ceramics. Journal of Bioscience and Bioengineering, 1999, 87, 320-327.	1.1	43
63	Calcium Phosphate Formation on Highly-oriented Collagen Fibrils. Chemistry Letters, 1999, 28, 527-528.	0.7	5
64	Calcium phosphate compoundâ€"cellulose fiber composite material prepared in soaking medium at 36.5â€"60 Â°C. Journal of Materials Research, 1998, 13, 922-925.	1.2	12
65	Surface Modification of Bioceramics by Silane Coupling Agent and Their Evaluation. Journal of the Ceramic Society of Japan, 1998, 106, 709-714.	1.3	2
66	Growth of calcium phosphate on phosphorylated chitin fibres. Journal of Materials Science: Materials in Medicine, 1997, 8, 407-412.	1.7	72
67	Surface instability of calcium phosphate ceramics in tissue culture medium and the effect on adhesion and growth of anchorage-dependent animal cells. , 1997, 34, 507-517.		74
68	Effect of surface instability of calcium phosphate ceramics on growth and adhesion of osteoblast-like cells derived from neonatal rat calvaria. , 1997, , 105-108.		1
69	Antibacterial property of Ag-doped calcium phosphate compound-cellulose composites. , 1997, , 329-332.		1
70	Preparation of Calcium-Strontium Apatite through Mechanochemical Method. Chemistry Letters, 1996, 25, 91-92.	0.7	18
71	Time-dependent variation of the surface structure of bioceramics in tissue culture medium and the effect on adhesiveness of cells. Journal of Bioscience and Bioengineering, 1996, 81, 226-232.	0.9	24
72	Hydroxyapatite coating on alumina ceramics by an oxidative decomposition method of EDTA-calcium chelate. Journal of Materials Science Letters, 1996, 15, 179-181.	0.5	12

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73	Wettability of Calcium Phosphate Ceramics by Water. Journal of the Ceramic Society of Japan, 1995, 103, 46-49.	1.3	16
74	Hydrothermal Synthesis of Hydroxyapatite Crystals in the Presence of Methanol. Journal of the Ceramic Society of Japan, 1995, 103, 70-73.	1.3	36
75	Surface Modification of Calcium Phosphate Ceramics with Silane Coupling Reagents.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1995, 1995, 63-67.	0.1	8
76	Growth of calcium phosphate on ion-exchange resins pre-saturated with calcium or hydrogenphosphate ions: an SEM/EDX and XPS study. Journal of Materials Science: Materials in Medicine, 1995, 6, 409-419.	1.7	18
77	Growth of calcium phosphate on surface-modified cotton. Journal of Materials Science: Materials in Medicine, 1995, 6, 597-605.	1.7	63
78	Further studies of calcium phosphate growth on phosphorylated cotton fibres. Journal of Materials Science: Materials in Medicine, 1995, 6, 658-669.	1.7	51
79	Fabrication of Hydroxyapatite/Cellulose Fiber Composite with Sheet-Like Structure. Key Engineering Materials, 0, 782, 98-102.	0.4	1