

# Mineo Hashizume

## List of Publications by Year in descending order

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36  
papers

441  
citations

687363

13  
h-index

794594

19  
g-index

38  
all docs

38  
docs citations

38  
times ranked

412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Self-Supporting Ultrathin Films of Titania by Spin Coating. <i>Langmuir</i> , 2003, 19, 10172-10178.	3.5	53
2	Preparation of free-standing films of natural polysaccharides using hot press technique and their surface functionalization with biomimetic apatite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 534-538.	5.0	28
3	Preparations of self-supporting nanofilms of metal oxides by casting processes. <i>Soft Matter</i> , 2006, 2, 135-140.	2.7	26
4	Control of cell adhesion and proliferation utilizing polysaccharide composite film scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 228-237.	5.0	23
5	Surface functionalization of tissue culture polystyrene plates with hydroxyapatite under body fluid conditions and its effect on differentiation behaviors of mesenchymal stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 351-359.	5.0	20
6	Drug loading and release behaviors of freestanding polysaccharide composite films. <i>Polymer Journal</i> , 2016, 48, 545-550.	2.7	20
7	Free-standing polysaccharide composite films: Improved preparation and physical properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 483, 18-24.	4.7	18
8	Hot-Press-Assisted Adhesions between Polyimide Films and Titanium Plates Utilizing Coating Layers of Silane Coupling Agents. <i>Langmuir</i> , 2016, 32, 12344-12351.	3.5	18
9	Effect of preparative conditions on crystallinity of apatite particles obtained from simulated body fluids. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 545-549.	5.0	16
10	Control of biomimetic hydroxyapatite deposition on polymer substrates using different protein adsorption abilities. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 130, 77-83.	5.0	16
11	Facile Surface Functionalization of Polystyrene Substrates with Biomimetic Apatite by Utilizing Serum Proteins. <i>Chemistry Letters</i> , 2010, 39, 220-222.	1.3	15
12	Surface functionalization of polymer substrates with hydroxyapatite using polymer-binding peptides. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3651-3659.	5.8	15
13	Sol-gel titania coating on unmodified and surface-modified polyimide films. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 62, 234-239.	2.4	14
14	Enhancement of the mechanical properties of polysaccharide composite films utilizing cellulose nanofibers. <i>Polymer Journal</i> , 2020, 52, 645-653.	2.7	13
15	Preparation of Chondroitin Sulfate/Chitosan Composite Fibers by Spinning from Aqueous Solution Interfaces. <i>Kobunshi Ronbunshu</i> , 2014, 71, 11-16.	0.2	12
16	Application of Polysaccharides as Structural Materials. <i>Trends in Glycoscience and Glycotechnology</i> , 2015, 27, 67-79.	0.1	12
17	Noninvasive Fingerprinting-Based Tracking of Replicative Cellular Senescence Using a Colorimetric Polyion Complex Array. <i>Analytical Chemistry</i> , 2018, 90, 6348-6352.	6.5	12
18	Cartilage Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells in Three-Dimensional Silica Nonwoven Fabrics. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1398.	2.5	11

#	ARTICLE	IF	CITATIONS
19	Preparation of Cell-Paved and -Incorporated Polysaccharide Hollow Fibers Using a Microfluidic Device. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5688-5697.	5.2	11
20	Biomimetic calcium phosphate coating on polyimide films by utilizing surface-selective hydrolysis treatments. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 816-818.	1.1	10
21	Selective fabrication of hollow and solid polysaccharide composite fibers using a microfluidic device by controlling polyion complex formation. <i>Polymer Journal</i> , 2018, 50, 1187-1198.	2.7	10
22	Kinetic Analysis of Molecular Permeabilities of Free-Standing Polysaccharide Composite Films. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600391.	2.2	8
23	Effect of protein adsorption layers and solution treatments on hydroxyapatite deposition on polystyrene plate surfaces in simulated body fluids. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 193.	3.6	8
24	Osteogenic Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells in Electrospun Silica Nonwoven Fabrics. <i>ACS Omega</i> , 2018, 3, 10180-10187.	3.5	8
25	Utilization of Proteins and Peptides to Create Organic-Hydroxyapatite Hybrids. <i>Protein and Peptide Letters</i> , 2018, 25, 25-33.	0.9	7
26	Preparation of Polymer-Immobilized Polyimide Films Using Hot Pressing and Titania Coatings. <i>Langmuir</i> , 2021, 37, 4403-4410.	3.5	7
27	Control of the molecular permeability of polysaccharide composite films utilizing a molecular imprinting approach. <i>Polymer Journal</i> , 2022, 54, 571-579.	2.7	7
28	Calcium Phosphate Mineralization Induced by Synthetic Peptides Having Different Distributions in Simulated Body Fluids. <i>Chemistry Letters</i> , 2012, 41, 588-590.	1.3	5
29	Apatite Deposition on Serum Protein-Adsorbed Polystyrene Surfaces under Body Fluid Conditions. <i>Transactions of the Materials Research Society of Japan</i> , 2010, 35, 115-118.	0.2	5
30	Preparation of Swellable and Highly Operable Composite Films Made of Polysaccharides and Supporting Substrates. <i>Kobunshi Ronbunshu</i> , 2018, 75, 195-202.	0.2	4
31	Preparation and physical properties of free-standing films made of polyion complexes of carboxymethylated hyaluronic acid and chitosan. <i>Polymer</i> , 2022, 253, 125033.	3.8	4
32	Catalytic Synthesis of Oxazolidinones from a Chitin-Derived Sugar Alcohol. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 1054-1059.	3.2	3
33	Preparation of 3D porous hydroxyapatite cell scaffolds using polystyrene templates under biomimetic conditions. <i>Journal of the Ceramic Society of Japan</i> , 2018, 126, 956-958.	1.1	1
34	Detection of Influenza Virus by Agglutination of Microparticles Immobilized a Mixed Glycan Receptor Produced from Cells. <i>ACS Applied Bio Materials</i> , 2022, 5, 2130-2134.	4.6	1
35	Media-Responsive Swelling and Material Release Properties of Polysaccharide Composite Films. , 2017, , 269-279.		0
36	Nanoarchitectonics With Hybrid Materials. , 2019, , 255-275.		0