

Hiromi Kimura-Suda

List of Publications by Year in descending order

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29
papers

1,837
citations

687363

13
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526287

27
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29
docs citations

29
times ranked

2428
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of risedronate, alendronate, and minodronate alone or in combination with eldecalcitol on bone mineral density, quality, and strength in ovariectomized rats. <i>Bone Reports</i> , 2021, 14, 101061.	0.4	1
2	Comparison of the Efficacy and Renal Safety of Bisphosphonate Between Low-Dose/High-Frequency and High-Dose/Low-Frequency Regimens in a Late-Stage Chronic Kidney Disease Rat Model. <i>Calcified Tissue International</i> , 2020, 107, 389-402.	3.1	3
3	Relationships among collagen fiber orientation, mineralization, mineral maturity, and crystallinity. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 707, 154-160.	0.9	3
4	Degree of orientations of collagen fibers and bone apatite crystals in rat femora by infrared dichroism imaging. <i>Journal of Oral Biosciences</i> , 2019, 61, 115-119.	2.2	6
5	Quick and easy sample preparation without resin embedding for the bone quality assessment of fresh calcified bone using fourier transform infrared imaging. <i>PLoS ONE</i> , 2018, 13, e0189650.	2.5	7
6	Magnesium prevents phosphate-induced vascular calcification via TRPM7 and Pit-1 in an aortic tissue culture model. <i>Hypertension Research</i> , 2017, 40, 562-567.	2.7	20
7	Bone quality characteristics obtained by Fourier transform infrared and Raman spectroscopic imaging. <i>Journal of Oral Biosciences</i> , 2017, 59, 142-145.	2.2	15
8	Analysis of collagen fiber orientation in bone using infrared dichroism imaging in reflectance mode. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 654, 244-248.	0.9	3
9	Mineralization and orientation of apatite in rat femur. <i>The Proceedings of the JSME Conference on Frontiers in Bioengineering</i> , 2016, 2016.27, C110.	0.0	0
10	Collagen Fiber Orientation in the Femur of Rats with Chronic Kidney Disease. <i>E-Journal of Surface Science and Nanotechnology</i> , 2015, 13, 244-246.	0.4	9
11	Mineral Composition of Phosphate-Induced Calcification in a Rat Aortic Tissue Culture Model. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015, 22, 1197-1206.	2.0	17
12	Analysis of Collagen Fiber Orientation in Bone of Different Aged Rats Using FTIR Imaging. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 622, 114-119.	0.9	8
13	Vitamin K-dependent carboxylation of osteocalcin affects the efficacy of teriparatide (PTH1 $\hat{=}$ 34) for skeletal repair. <i>Bone</i> , 2014, 64, 95-101.	2.9	19
14	Studies on bone metabolism by using isotope microscopy, FTIR imaging, and micro-Raman spectroscopy. <i>Journal of Oral Biosciences</i> , 2013, 55, 61-65.	2.2	9
15	Retention of fetuin-A in renal tubular lumen protects the kidney from nephrocalcinosis in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F751-F760.	2.7	32
16	Quantitative and Qualitative Analyses of Low-mineral-diet Ovariectomised Rat Femora Using Microscopic Computed Tomography. <i>Journal of Hard Tissue Biology</i> , 2011, 20, 107-114.	0.4	11
17	Changes in Bone Quality Associated with the Mineralization of New Bone Formed Around Implants - Using XPS, Polarized Microscopy, and FTIR imaging -. <i>Journal of Hard Tissue Biology</i> , 2010, 19, 101-110.	0.4	11
18	Characterization and Controlled Properties of DNA Immobilized on Gold Surfaces. <i>Kobunshi Ronbunshu</i> , 2008, 65, 46-57.	0.2	3

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19	Qualitative study of the New Bone formation Surrounding the Ti-implant by FTIR and Polarizing Microscope. <i>Journal of Hard Tissue Biology</i> , 2008, 17, 131-140.	0.4	7
20	Independent control of grafting density and conformation of single-stranded DNA brushes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9-14.	7.1	204
21	Nucleobase Orientation and Ordering in Films of Single-Stranded DNA on Gold. <i>Journal of the American Chemical Society</i> , 2006, 128, 2-3.	13.7	153
22	Alkanethiols on Platinum: Multicomponent Self-Assembled Monolayers. <i>Langmuir</i> , 2006, 22, 2578-2587.	3.5	113
23	Quantitative Characterization of DNA Films by X-ray Photoelectron Spectroscopy. <i>Langmuir</i> , 2004, 20, 429-440.	3.5	185
24	Quantitative Analysis and Characterization of DNA Immobilized on Gold. <i>Journal of the American Chemical Society</i> , 2003, 125, 5219-5226.	13.7	377
25	Base-Dependent Competitive Adsorption of Single-Stranded DNA on Gold. <i>Journal of the American Chemical Society</i> , 2003, 125, 9014-9015.	13.7	437
26	Oligomerization and Pore Formation of a Sphingomyelin-specific Toxin, Lysenin. <i>Journal of Biological Chemistry</i> , 2003, 278, 22762-22770.	3.4	118
27	Simultaneous Determination of Average Direction of Molecular Orientation and Effective Second Order Nonlinear Optical Constant ($ d_{eff} $) by Phase Measurements of Second Harmonic Generation. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1763-1769.	2.6	7
28	Anisotropic SHG Behaviors of Tolan Derivatives in Monolayer Assemblies Prepared by Horizontal Lifting Method with Rotation of Substrate. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 337, 81-84.	0.3	0
29	Novel non-aggregated unsymmetrical metallophthalocyanines for second-order non-linear optics. <i>Journal of Materials Chemistry</i> , 1997, 7, 861-863.	6.7	59