

Yu Kimura

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,058
citations

304743

22
h-index

233421

45
g-index

51
all docs

51
docs citations

51
times ranked

2608
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose tissue engineering based on human preadipocytes combined with gelatin microspheres containing basic fibroblast growth factor. <i>Biomaterials</i> , 2003, 24, 2513-2521.	11.4	248
2	Periadventitial Adipose Tissue Plays a Critical Role in Vascular Remodeling. <i>Circulation Research</i> , 2009, 105, 906-911.	4.5	183
3	Controlled-release of epidermal growth factor from cationized gelatin hydrogel enhances corneal epithelial wound healing. <i>Journal of Controlled Release</i> , 2007, 118, 169-176.	9.9	149
4	Time Course of <i>de Novo</i> Adipogenesis in Matrigel by Gelatin Microspheres Incorporating Basic Fibroblast Growth Factor. <i>Tissue Engineering</i> , 2002, 8, 603-613.	4.6	136
5	Fabrication and Biocompatibility of Collagen Sponge Reinforced with Poly(glycolic acid) Fiber. <i>Tissue Engineering</i> , 2003, 9, 1101-1112.	4.6	107
6	<i>In Situ</i> Regeneration of Adipose Tissue in Rat Fat Pad by Combining a Collagen Scaffold with Gelatin Microspheres Containing Basic Fibroblast Growth Factor. <i>Tissue Engineering</i> , 2006, 12, 1475-1487.	4.6	105
7	A Novel Gelatin Hydrogel Carrier Sheet for Corneal Endothelial Transplantation. <i>Tissue Engineering - Part A</i> , 2011, 17, 2213-2219.	3.1	97
8	Controlled Release of Stromal-Cell-Derived Factor-1 from Gelatin Hydrogels Enhances Angiogenesis. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010, 21, 37-51.	3.5	94
9	Preparation of Collagen/Gelatin Sponge Scaffold for Sustained Release of bFGF. <i>Tissue Engineering - Part A</i> , 2008, 14, 1629-1638.	3.1	80
10	In vivo release of plasmid DNA from composites of oligo(poly(ethylene glycol)fumarate) and cationized gelatin microspheres. <i>Journal of Controlled Release</i> , 2005, 107, 547-561.	9.9	61
11	Controlled Release of Bone Morphogenetic Protein-2 Enhances Recruitment of Osteogenic Progenitor Cells for <i>De Novo</i> Generation of Bone Tissue. <i>Tissue Engineering - Part A</i> , 2010, 16, 1263-1270.	3.1	60
12	Synthesis and Structures of Coordination Polymers with 4,4'-Dipyridyldisulfide. <i>Journal of Solid State Chemistry</i> , 2000, 152, 113-119.	2.9	58
13	Administration of Control-Released Hepatocyte Growth Factor Enhances the Efficacy of Skeletal Myoblast Transplantation in Rat Infarcted Hearts by Greatly Increasing Both Quantity and Quality of the Graft. <i>Circulation</i> , 2005, 112, 1129-34.	1.6	57
14	Adipogenesis Induced by Human Adipose Tissue-Derived Stem Cells. <i>Tissue Engineering - Part A</i> , 2009, 15, 83-93.	3.1	55
15	Tissue engineering of corneal stroma with rabbit fibroblast precursors and gelatin hydrogels. <i>Molecular Vision</i> , 2008, 14, 1819-28.	1.1	54
16	Basic fibroblast growth factor modulates proliferation and collagen expression in urinary bladder smooth muscle cells. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F1007-F1017.	2.7	50
17	Biodegradable Gelatin Hydrogels Incorporating Fibroblast Growth Factor 2 Promote Healing of Horizontal Tears in Rabbit Meniscus. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2012, 28, 255-263.	2.7	45
18	Insulin-like Growth Factor-1 Enhances the Efficacy of Myoblast Transplantation With Its Multiple Functions in the Chronic Myocardial Infarction Rat Model. <i>Journal of Heart and Lung Transplantation</i> , 2006, 25, 1253-1262.	0.6	37

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19	Basic fibroblast growth factor causes urinary bladder overactivity through gap junction generation in the smooth muscle. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F46-F54.	2.7	34
20	Effect of gelatin hydrogel incorporating fibroblast growth factor 2 on human meniscal cells in an organ culture model. <i>Knee</i> , 2009, 16, 285-289.	1.6	33
21	<i>In situ</i> adipogenesis in fat tissue augmented by collagen scaffold with gelatin microspheres containing basic fibroblast growth factor. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 4, n/a-n/a.	2.7	26
22	A New Self-Assembled Porphyrin-Silver(I) Network. <i>Chemistry Letters</i> , 2000, 29, 818-819.	1.3	24
23	Size-Controlled and Biocompatible Gd ₂ O ₃ Nanoparticles for Dual Photoacoustic and MR Imaging. <i>Advanced Healthcare Materials</i> , 2012, 1, 657-660.	7.6	23
24	Regulation of Connexin 43 by Basic Fibroblast Growth Factor in the Bladder: Transcriptional and Behavioral Implications. <i>Journal of Urology</i> , 2011, 185, 2398-2404.	0.4	22
25	Adipose Tissue Formation in Collagen Scaffolds with Different Biodegradabilities. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010, 21, 463-476.	3.5	21
26	Human Placental Ectonucleoside Triphosphate Diphosphohydrolase Gene Transfer via Gelatin-Coated Stents Prevents In-Stent Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 857-862.	2.4	19
27	Sustained-Release Erythropoietin Ameliorates Cardiac Function in Infarcted Rat - Heart Without Inducing Polycythemia. <i>Circulation Journal</i> , 2007, 71, 132-137.	1.6	17
28	Magnetic Resonance Imaging of Tumor with a Self-Traceable Phosphorylcholine Polymer. <i>Journal of the American Chemical Society</i> , 2015, 137, 799-806.	13.7	16
29	Experimental tissue regeneration by DDS technology of bio-signaling molecules. <i>Journal of Dermatological Science</i> , 2007, 47, 189-199.	1.9	15
30	Substrate/Product-Targeted NMR Monitoring of Pyrimidine Catabolism and Its Inhibition by a Clinical Drug. <i>ACS Chemical Biology</i> , 2012, 7, 535-542.	3.4	11
31	Hydrogel-Mediated Release of Basic Fibroblast Growth Factor From a Stent-Graft Accelerates Biological Fixation With the Aortic Wall in a Porcine Model. <i>Journal of Endovascular Therapy</i> , 2007, 14, 785-793.	1.5	10
32	Rhodium-Catalyzed Linear Codimerization and Cycloaddition of Ketenes with Alkynes. <i>Molecules</i> , 2010, 15, 4189-4200.	3.8	10
33	Novel approach with intratracheal administration of microgelatin hydrogel microspheres incorporating basic fibroblast growth factor for rescue of rats with monocrotaline-induced pulmonary hypertension. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 1250-1256.	0.8	9
34	Synthesis and functional evaluation of chiral dendrimer-triamine-coordinated Gd complexes as highly sensitive MRI contrast agents. <i>Tetrahedron Letters</i> , 2012, 53, 4580-4583.	1.4	9
35	Simple, Selective, and Practical Synthesis of 2-Substituted 4(3H)-Quinazolinones by Yb(OTf) ₃ -Catalyzed Condensation of 2-Aminobenzamide with Carboxamides. <i>Heterocycles</i> , 2015, 90, 857.	0.7	9
36	A novel approach to reduce catheter-related infection using sustained-release basic fibroblast growth factor for tissue regeneration in mice. <i>Heart and Vessels</i> , 2007, 22, 261-267.	1.2	8

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37	Pharmacokinetics of Chiral Dendrimer-Triamine-Coordinated Gd-MRI Contrast Agents Evaluated by in Vivo MRI and Estimated by in Vitro QCM. <i>Sensors</i> , 2015, 15, 31973-31986.	3.8	8
38	Aggregate Formation of BODIPY-Tethered Oligonucleotides That Led to Efficient Intracellular Penetration and Gene Regulation. <i>ACS Applied Bio Materials</i> , 2019, 2, 4456-4463.	4.6	8
39	Synthesis and functional evaluation of chiral dendrimer-triamine-coordinated Gd complexes with polyaminoalcohol end groups as highly sensitive MRI contrast agents. <i>Tetrahedron</i> , 2015, 71, 4438-4444.	1.9	7
40	¹³ C/ ¹⁵ N-Enriched ¹ H-Enriched ¹ H-Dopa as a Triple-Resonance NMR Probe to Monitor Neurotransmitter Dopamine in the Brain and Liver Extracts of Mice. <i>ChemistryOpen</i> , 2016, 5, 125-128.	1.9	7
41	Homogeneous Sc(OTf) ₃ -Catalyzed Direct Allylation Reactions of General Alcohols with Allylsilanes. <i>ACS Omega</i> , 2018, 3, 18885-18894.	3.5	7
42	Photoacoustic in vivo 3D imaging of tumor using a highly tumor-targeting probe under high-threshold conditions. <i>Scientific Reports</i> , 2020, 10, 19363.	3.3	7
43	Fascia implantation with fibroblast growth factor on vocal fold paralysis. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2013, 34, 331-336.	1.3	6
44	Magnetic resonance imaging of tumor with a self-traceable polymer conjugated with an antibody fragment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2675-2678.	2.2	5
45	DEHYDROGENATIVE N-HETEROCYCLIZATION OF 2-(2-AMINOARYL)ETHYL ALCOHOLS TO INDOLE DERIVATIVES CATALYZED BY (1/4-OXO)TETRARUTHENIUM CLUSTER/1,2-BIS(DIPHENYLPHOSPHINO)BENZENE. <i>Heterocycles</i> , 2012, 86, 1015.	0.7	4
46	Yb(OTf) ₃ -Catalyzed Synthesis of 2-Substituted 4(3H)-Quinazolinones via Cleavage of a Carbon-Carbon Bond. <i>Heterocycles</i> , 2016, 93, 816.	0.7	3
47	Selective Trimerization of Ethylene to Isohexenes Catalyzed by a Ruthenium(0) Complex. <i>ChemCatChem</i> , 2010, 2, 1565-1568.	3.7	2
48	Polymeric ¹ H MRI Probes for Visualizing Tumor <i>In Vivo</i> . <i>Chemical Record</i> , 2017, 17, 555-568.	5.8	2
49	Fabrication and Characterization of Mechanically Reinforced Collagen Sponge. <i>Key Engineering Materials</i> , 2005, 288-289, 385-388.	0.4	0
50	In Situ Regeneration of Adipose Tissue in Rat Fat Pad by Combining a Collagen Scaffold with Gelatin Microspheres Containing Basic Fibroblast Growth Factor. <i>Tissue Engineering</i> , 2006, .	4.6	0