

# Atsushi B Tsuji

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

2,389  
citations

236925

25  
h-index

254184

43  
g-index

115  
all docs

115  
docs citations

115  
times ranked

2927  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The natural sulfoglycolipid derivative SQAP improves the therapeutic efficacy of tissue factor-targeted radioimmunotherapy in the stroma-rich pancreatic cancer model BxPC-3. <i>Translational Oncology</i> , 2022, 15, 101285.  | 3.7 | 1         |
| 2  | Development of Novel <sup>191</sup> Pt-Labeled Hoechst33258: <sup>191</sup> Pt Is More Suitable than <sup>111</sup> In for Targeting DNA. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 5690-5700.   | 6.4 | 3         |
| 3  | FZD10-targeted <sup>125</sup> I-radioimmunotherapy with <sup>225</sup> Ac-labeled OTSA101 achieves complete remission in a synovial sarcoma model. <i>Cancer Science</i> , 2022, 113, 721-732.   | 3.9 | 11        |
| 4  | In Vitro Tumor Cell-Binding Assay to Select High-Binding Antibody and Predict Therapy Response for Personalized <sup>64</sup> Cu-Intraperitoneal Radioimmunotherapy against Peritoneal Dissemination of Pancreatic Cancer: A Feasibility Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5807. | 4.1 | 1         |
| 5  | Research and Development for Cyclotron Production of <sup>225</sup> Ac from <sup>226</sup> Ra—The Challenges in a Country Lacking Natural Resources for Medical Applications. <i>Processes</i> , 2022, 10, 1215.   | 2.8 | 10        |
| 6  | In vivo validation of the switch antibody concept: SPECT/CT imaging of the anti-CD137 switch antibody Sta-MB shows high uptake in tumors but low uptake in normal organs in human CD137 knock-in mice. <i>Translational Oncology</i> , 2022, 23, 101481.   | 3.7 | 2         |
| 7  | Development of a Multiuse Human-Scale Single-Ring OpenPET System. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2021, 5, 807-816.  | 3.7 | 3         |
| 8  | In Vitro Evaluation of No-Carrier-Added Radiolabeled Cisplatin ([ <sup>189</sup> , <sup>191</sup> Pt]cisplatin) Emitting Auger Electrons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4622.   | 4.1 | 6         |
| 9  | Usefulness of PET-guided surgery with <sup>64</sup> Cu-labeled cetuximab for resection of intrapancreatic residual tumors in a xenograft mouse model of resectable pancreatic cancer. <i>Nuclear Medicine Communications</i> , 2021, 42, 1112-1121.  | 1.1 | 3         |
| 10 | Establishment of an In Vivo Xenograft Mouse Model of a Subcutaneous Submillimeter HT-29 Tumor Formed from a Single Spheroid Transplanted Using Radiation-Crosslinked Gelatin Hydrogel Microwell. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7031.   | 2.5 | 2         |
| 11 | Quantitative Radionuclide Imaging Analysis of Enhanced Drug Delivery Induced by Photoimmunotherapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8316.   | 4.1 | 0         |
| 12 | Simultaneous in vivo imaging with PET and SPECT tracers using a Compton-PET hybrid camera. <i>Scientific Reports</i> , 2021, 11, 17933.  | 3.3 | 24        |
| 13 | Preclinical Evaluation of Podoplanin-Targeted Alpha-Radioimmunotherapy with the Novel Antibody NZ-16 for Malignant Mesothelioma. <i>Cells</i> , 2021, 10, 2503.  | 4.1 | 10        |
| 14 | Translocator protein imaging with <sup>18</sup> F-FEDAC-positron emission tomography in rabbit atherosclerosis and its presence in human coronary vulnerable plaques. <i>Atherosclerosis</i> , 2021, 337, 7-17.  | 0.8 | 4         |
| 15 | <sup>111</sup> In-labeled anti-cadherin17 antibody D2101 has potential as a noninvasive imaging probe for diagnosing gastric cancer and lymph-node metastasis. <i>Annals of Nuclear Medicine</i> , 2020, 34, 13-23.  | 2.2 | 9         |
| 16 | Radiotheranostic Agent <sup>64</sup> Cu-cyclam-RAFT-c(-RGDfK)-4 for Management of Peritoneal Metastasis in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 6230-6241.  | 7.0 | 9         |
| 17 | <sup>64</sup> Cu-labeled minibody D2101 visualizes CDH17-positive gastric cancer xenografts with short waiting time. <i>Nuclear Medicine Communications</i> , 2020, Publish Ahead of Print, 688-695.   | 1.1 | 3         |
| 18 | Proof of Concept Study for Increasing Tenascin-C-Targeted Drug Delivery to Tumors Previously Subjected to Therapy: X-Irradiation Increases Tumor Uptake. <i>Cancers</i> , 2020, 12, 3652.  | 3.7 | 4         |

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|----|---|-----|-----------|
| 19 | Single-Dose Cisplatin Pre-Treatment Enhances Efficacy of ROBO1-Targeted Radioimmunotherapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7728.  | 4.1 | 2         |
| 20 | Whole gamma imaging: a new concept of PET combined with Compton imaging. <i>Physics in Medicine and Biology</i> , 2020, 65, 125013.   | 3.0 | 60        |
| 21 | Immuno-OpenPET: a novel approach for early diagnosis and image-guided surgery for small resectable pancreatic cancer. <i>Scientific Reports</i> , 2020, 10, 4143.   | 3.3 | 11        |
| 22 | 6- <sup>124</sup> Iodo-9-pentylpurine for Imaging the Activity of the Sodium Iodide Symporter in the Brain. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1717-1723.  | 6.4 | 3         |
| 23 | Radiosynthesis of [thiocarbonyl- <sup>11</sup> C]disulfiram and its first PET study in mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126998.  | 2.2 | 3         |
| 24 | Radiolabeled Human Monoclonal Antibody O67-213 has the Potential for Noninvasive Quantification of CD73 Expression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2304.  | 4.1 | 5         |
| 25 | 3D Compton image reconstruction method for whole gamma imaging. <i>Physics in Medicine and Biology</i> , 2020, 65, 225038.  | 3.0 | 26        |
| 26 | Development of a Hybrid Image Reconstruction Algorithm Combining PET and Compton Events for Whole Gamma Imaging. , 2020, , .  |     | 4         |
| 27 | Preclinical Evaluation of the Acute Radiotoxicity of the $\beta^-$ -Emitting Molecular-Targeted Therapeutic Agent <sup>211</sup> At-MABG for the Treatment of Malignant Pheochromocytoma in Normal Mice. <i>Translational Oncology</i> , 2019, 12, 879-888.         | 3.7 | 19        |
| 28 | Anti-tissue factor antibody-mediated immuno-SPECT imaging of tissue factor expression in mouse models of pancreatic cancer. <i>Oncology Reports</i> , 2019, 41, 2371-2378.  | 2.6 | 8         |
| 29 | <sup>64</sup> Cu-Intraperitoneal Radioimmunotherapy: A Novel Approach for Adjuvant Treatment in a Clinically Relevant Preclinical Model of Pancreatic Cancer. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1437-1443.   | 5.0 | 27        |
| 30 | Therapeutic efficacy evaluation of radioimmunotherapy with <sup>90</sup> Y-labeled anti-podoplanin antibody NZ $\alpha$ 12 for mesothelioma. <i>Cancer Science</i> , 2019, 110, 1653-1664.  | 3.9 | 13        |
| 31 | CAST Diagnostic Imaging. , 2019, , 289-307.   |     | 0         |
| 32 | Antitumor effects of radionuclide treatment using $\beta^-$ -emitting meta- <sup>211</sup> At-astato-benzylguanidine in a PC12 pheochromocytoma model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 999-1010.                      | 6.4 | 58        |
| 33 | Multiple Administrations of <sup>64</sup> Cu-ATSM as a Novel Therapeutic Option for Glioblastoma: a Translational Study Using Mice with Xenografts. <i>Translational Oncology</i> , 2018, 11, 24-30.  | 3.7 | 27        |
| 34 | Near-infrared photoimmunotherapy of pancreatic cancer using an indocyanine green-labeled anti-tissue factor antibody. <i>World Journal of Gastroenterology</i> , 2018, 24, 5491-5504.   | 3.3 | 26        |
| 35 | Direct comparison of $\beta^-$ -amino [ <sup>11</sup> C]isobutyric acid and $\beta^-$ -amino [ <sup>11</sup> C]methyl- $\beta^-$ -isobutyric acid uptake in eight lung cancer xenograft models. <i>International Journal of Oncology</i> , 2018, 53, 2737-2744.     | 3.3 | 1         |
| 36 | Uniform intratumoral distribution of radioactivity produced using two different radioagents, <sup>64</sup> Cu-cyclam-RAFT-c(-RGDFK)-4 and <sup>64</sup> Cu-ATSM, improves therapeutic efficacy in a small animal tumor model. <i>EJNMMI Research</i> , 2018, 8, 54. | 2.5 | 12        |

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|----|---|-----|-----------|
| 37 | Efficacy Evaluation of Combination Treatment Using Gemcitabine and Radioimmunotherapy with <sup>90</sup> Y-Labeled Fully Human Anti-CD147 Monoclonal Antibody O59-053 in a BxPC-3 Xenograft Mouse Model of Refractory Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2979. | 4.1 | 18        |
| 38 | <sup>111</sup> In-particle therapy for synovial sarcoma in the mouse using an astatine- <sup>211</sup> At-labeled antibody against frizzled homolog 10. <i>Cancer Science</i> , 2018, 109, 2302-2309.   | 3.9 | 31        |
| 39 | Integrated treatment using intraperitoneal radioimmunotherapy and positron emission tomography-guided surgery with <sup>64</sup> Cu-labeled cetuximab to treat early- and late-phase peritoneal dissemination in human gastrointestinal cancer xenografts. <i>Oncotarget</i> , 2018, 9, 28935-28950.          | 1.8 | 17        |
| 40 | Uptake of <sup>111</sup> In-labeled fully human monoclonal antibody TSP-A18 reflects transferrin receptor expression in normal organs and tissues of mice. <i>Oncology Reports</i> , 2017, 37, 1529-1536.   | 2.6 | 11        |
| 41 | <sup>67</sup> Cu-Radiolabeling of a multimeric RGD peptide for <sup>111</sup> In integrin-targeted radionuclide therapy. <i>Nuclear Medicine Communications</i> , 2017, 38, 347-355.  | 1.1 | 19        |
| 42 | Synthesis and evaluation of <sup>11</sup> C-labeled coumarin analog as an imaging probe for detecting monocarboxylate transporters expression. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4893-4897.   | 2.2 | 12        |
| 43 | Molecular imaging using an anti-human tissue factor monoclonal antibody in an orthotopic glioma xenograft model. <i>Scientific Reports</i> , 2017, 7, 12341.  | 3.3 | 20        |
| 44 | Development of Antibody-Drug Conjugates Using DDS and Molecular Imaging. <i>Bioengineering</i> , 2017, 4, 78.   | 3.5 | 23        |
| 45 | <sup>64</sup> Cu-ATSM internal radiotherapy to treat tumors with bevacizumab-induced vascular decrease and hypoxia in human colon carcinoma xenografts. <i>Oncotarget</i> , 2017, 8, 88815-88826.   | 1.8 | 10        |
| 46 | Combined treatment of pancreatic cancer xenograft with <sup>90</sup> Y-ITGA6B4-mediated radioimmunotherapy and PI3K/mTOR inhibitor. <i>World Journal of Gastroenterology</i> , 2017, 23, 7551-7562.   | 3.3 | 6         |
| 47 | Immunotargeting of Integrin $\alpha_6\beta_4$ for Single-Photon Emission Computed Tomography and Near-Infrared Fluorescence Imaging in a Pancreatic Cancer Model. <i>Molecular Imaging</i> , 2016, 15, 153601211562491.   | 1.4 | 8         |
| 48 | <sup>111</sup> In Integrin-Targeted Radionuclide Therapy with <sup>64</sup> Cu-cyclam-RAFT-c-(RGDFK)-4. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2076-2085.   | 4.1 | 36        |
| 49 | Functional evaluation of rat hearts transplanted after preservation in a high-pressure gaseous mixture of carbon monoxide and oxygen. <i>Scientific Reports</i> , 2016, 6, 32120.   | 3.3 | 11        |
| 50 | Establishment and evaluation of a new highly metastatic tumor cell line 5a-D-Luc-ZsGreen expressing both luciferase and green fluorescent protein. <i>International Journal of Oncology</i> , 2016, 48, 525-532.  | 3.3 | 5         |
| 51 | Radioimmunotherapy of pancreatic cancer xenografts in nude mice using <sup>90</sup> Y-labeled anti- $\alpha_6\beta_4$ integrin antibody. <i>Oncotarget</i> , 2016, 7, 38835-38844.  | 1.8 | 15        |
| 52 | Inhibition of radical reactions for an improved potassiumtert-butoxide-promoted <sup>11</sup> C-methylation strategy for the synthesis of $\alpha$ - <sup>11</sup> C-methyl amino acids. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2015, 58, 127-132.                                   | 1.0 | 1         |
| 53 | Preclinical evaluation of 2-amino-2-[ <sup>11</sup> C]methyl-butanoic acid as a potential tumor-imaging agent in a mouse model. <i>Nuclear Medicine Communications</i> , 2015, 36, 1107-1112.   | 1.1 | 0         |
| 54 | Preclinical evaluation of <sup>89</sup> Zr-labeled human antitransferrin receptor monoclonal antibody as a PET probe using a pancreatic cancer mouse model. <i>Nuclear Medicine Communications</i> , 2015, 36, 286-294.   | 1.1 | 23        |

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|----|--|-----|-----------|
| 55 | In-vivo imaging of blood-brain barrier permeability using positron emission tomography with 2-amino-[3-11C]isobutyric acid. <i>Nuclear Medicine Communications</i> , 2015, 36, 1239-1248.  | 1.1 | 22        |
| 56 | In vivo 18F-fluorodeoxyglucose-positron emission tomography/computed tomography imaging of pancreatic tumors in a transgenic rat model carrying the human KRASG12V oncogene. <i>Oncology Letters</i> , 2015, 9, 2112-2118.                                       | 1.8 | 0         |
| 57 | Immuno-PET Imaging of HER3 in a Model in which HER3 Signaling Plays a Critical Role. <i>PLoS ONE</i> , 2015, 10, e0143076.   | 2.5 | 20        |
| 58 | Preclinical assessment of early tumor response after irradiation by positron emission tomography with 2-amino-[3-11C]isobutyric acid. <i>Oncology Reports</i> , 2015, 33, 2361-2367.   | 2.6 | 3         |
| 59 | Quantifying initial cellular events of mouse radiation lymphomagenesis and its tumor prevention in vivo by positron emission tomography and magnetic resonance imaging. <i>Molecular Oncology</i> , 2015, 9, 740-748.  | 4.6 | 5         |
| 60 | Polymeric Micelle Platform for Multimodal Tomographic Imaging to Detect Scirrhous Gastric Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1067-1076.  | 5.2 | 20        |
| 61 | Evaluation of Efficacy of Radioimmunotherapy with 90Y-Labeled Fully Human Anti-Transferrin Receptor Monoclonal Antibody in Pancreatic Cancer Mouse Models. <i>PLoS ONE</i> , 2015, 10, e0123761.   | 2.5 | 30        |
| 62 | Detailed assessment of gene activation levels by multiple hypoxia-responsive elements under various hypoxic conditions. <i>Annals of Nuclear Medicine</i> , 2014, 28, 1011-1019.   | 2.2 | 7         |
| 63 | PET imaging and biodistribution analysis of the effects of succinylated gelatin combined with l-lysine on renal uptake and retention of 64Cu-cyclam-RAFT-c(-RGDfK)-4 in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 478-486. | 4.3 | 21        |
| 64 | Preclinical Characterization of 5-Amino-4-Oxo-[6-11C]Hexanoic Acid as an Imaging Probe to Estimate Protoporphyrin IX Accumulation Induced by Exogenous Aminolevulinic Acid. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1671-1677.                            | 5.0 | 8         |
| 65 | OAT3-Mediated Extrusion of the <sup>99m</sup> Tc-ECD Metabolite in the Mouse Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 585-588.  | 4.3 | 14        |
| 66 | AHNAK is highly expressed and plays a key role in cell migration and invasion in mesothelioma. <i>International Journal of Oncology</i> , 2014, 44, 530-538.   | 3.3 | 34        |
| 67 | Abstract 4849: Implications of cancer induced blood coagulation in cancer diagnosis and therapy. , 2014, , .   |     | 0         |
| 68 | Discovery of an uncovered region in fibrin clots and its clinical significance. <i>Scientific Reports</i> , 2013, 3, 2604.   | 3.3 | 44        |
| 69 | C-Type Natriuretic Peptide Specifically Acts on the Pylorus and Large Intestine in Mouse Gastrointestinal Tract. <i>American Journal of Pathology</i> , 2013, 182, 172-179.  | 3.8 | 12        |
| 70 | Synthesis and in vitro cellular uptake of 11C-labeled 5-aminolevulinic acid derivative to estimate the induced cellular accumulation of protoporphyrin IX. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4567-4570.                              | 2.2 | 6         |
| 71 | Evaluation of 89Zr-Labeled Human Anti-CD147 Monoclonal Antibody as a Positron Emission Tomography Probe in a Mouse Model of Pancreatic Cancer. <i>PLoS ONE</i> , 2013, 8, e61230.  | 2.5 | 34        |
| 72 | Fatty Acid Synthase Is a Key Target in Multiple Essential Tumor Functions of Prostate Cancer: Uptake of Radiolabeled Acetate as a Predictor of the Targeted Therapy Outcome. <i>PLoS ONE</i> , 2013, 8, e64570.  | 2.5 | 88        |

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|----|---|-----|-----------|
| 73 | Micro-Positron Emission Tomography/Contrast-Enhanced Computed Tomography Imaging of Orthotopic Pancreatic Tumor-Bearing Mice Using the $^{64}\text{Cu}$ -Labeled Cyclam-RAFT-c(-RGDfK)- $^{64}\text{Cu}$ Integrin Tracer. <i>Molecular Imaging</i> , 2013, 12, 7290.2013.00054. | 1.4 | 15        |
| 74 | Therapeutic Efficacy of C-Kit-Targeted Radioimmunotherapy Using $^{90}\text{Y}$ -Labeled Anti-C-Kit Antibodies in a Mouse Model of Small Cell Lung Cancer. <i>PLoS ONE</i> , 2013, 8, e59248.   | 2.5 | 27        |
| 75 | Abstract 2137: Development of CAST (cancer stromal targeting) therapy.., 2013, , .  |     | 0         |
| 76 | Micro-positron emission tomography/contrast-enhanced computed tomography imaging of orthotopic pancreatic tumor-bearing mice using the $^{64}\text{Cu}$ -labeled cyclam-RAFT-c(-RGDfK)- $^{64}\text{Cu}$ integrin tracer. <i>Molecular Imaging</i> , 2013, 12, 376-87.          | 1.4 | 7         |
| 77 | Long-term effects of hepatocyte growth factor gene therapy in rat myocardial infarct model. <i>Gene Therapy</i> , 2012, 19, 836-843.  | 4.5 | 9         |
| 78 | H-ferritin overexpression promotes radiation-induced leukemia/lymphoma in mice. <i>Carcinogenesis</i> , 2012, 33, 2269-2275.  | 2.8 | 13        |
| 79 | Novel human monoclonal antibody against epidermal growth factor receptor as an imaging probe for hepatocellular carcinoma. <i>Nuclear Medicine Communications</i> , 2012, 33, 719-725.  | 1.1 | 6         |
| 80 | Comparison of 2-amino-[3- $^{11}\text{C}$ ]isobutyric acid and 2-deoxy-2-[ $^{18}\text{F}$ ]fluoro-D-glucose in nude mice with xenografted tumors and acute inflammation. <i>Nuclear Medicine Communications</i> , 2012, 33, 1058-1064.   | 1.1 | 13        |
| 81 | An alumina ceramic target vessel for the remote production of metallic radionuclides by in situ target dissolution. <i>Nuclear Medicine and Biology</i> , 2012, 39, 1281-1285.  | 0.6 | 9         |
| 82 | ZDHHC8 knockdown enhances radiosensitivity and suppresses tumor growth in a mesothelioma mouse model. <i>Cancer Science</i> , 2012, 103, 203-209.   | 3.9 | 26        |
| 83 | Fatal hemorrhage induced by subtilase cytotoxin from Shiga-toxigenic <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 2011, 50, 159-167.   | 2.9 | 26        |
| 84 | Development of positron emission tomography probe of $^{64}\text{Cu}$ -labeled anti-C-kit 12A8 Fab to measure protooncogene C-kit expression. <i>Nuclear Medicine and Biology</i> , 2011, 38, 331-337.  | 0.6 | 20        |
| 85 | An efficient and expedient method for the synthesis of $^{11}\text{C}$ -labeled $\beta$ -aminoisobutyric acid: A tumor imaging agent potentially useful for cancer diagnosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2437-2440.                          | 2.2 | 18        |
| 86 | Development of a small prototype for a proof-of-concept of OpenPET imaging. <i>Physics in Medicine and Biology</i> , 2011, 56, 1123-1137.   | 3.0 | 120       |
| 87 | Noninvasive assessment of regulable transferred-p53 gene expression and evaluation of therapeutic response with FDG-PET in tumor model. <i>Gene Therapy</i> , 2010, 17, 1142-1151.  | 4.5 | 2         |
| 88 | C-kit-targeted imaging of gastrointestinal stromal tumor using radiolabeled anti-c-kit monoclonal antibody in a mouse tumor model. <i>Nuclear Medicine and Biology</i> , 2010, 37, 179-187.   | 0.6 | 25        |
| 89 | Knockdown of COPA, Identified by Loss-of-Function Screen, Induces Apoptosis and Suppresses Tumor Growth in Mesothelioma Mouse Model. <i>Genomics</i> , 2010, 95, 210-216.   | 2.9 | 59        |
| 90 | Development of positron emission tomography imaging by $^{64}\text{Cu}$ -labeled Fab for detecting ERC/mesothelin in a mesothelioma mouse model. <i>Nuclear Medicine Communications</i> , 2010, 31, 380-388.  | 1.1 | 17        |

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|-----|---|------|-----------|
| 91  | <sup>18</sup> F-FDG PET for Semiquantitative Evaluation of Acute Allograft Rejection and Immunosuppressive Therapy Efficacy in Rat Models of Liver Transplantation. <i>Journal of Nuclear Medicine</i> , 2009, 50, 827-830.                                       | 5.0  | 18        |
| 92  | Comparison of conventional and novel PET tracers for imaging mesothelioma in nude mice with subcutaneous and intrapleural xenografts. <i>Nuclear Medicine and Biology</i> , 2009, 36, 379-388.  | 0.6  | 21        |
| 93  | A loss of function screen identifies nine new radiation susceptibility genes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 695-701.  | 2.1  | 16        |
| 94  | Defective repair of radiation-induced DNA damage is complemented by a CHORI-230-65K18 BAC clone on rat chromosome 4. <i>Genomics</i> , 2006, 87, 236-242.   | 2.9  | 2         |
| 95  | MUTATED G-PROTEIN-COUPLED RECEPTOR GPR10 IS RESPONSIBLE FOR THE HYPERPHAGIA/DYSLIPIDAEMIA/OBESITY LOCUS OF Dmo1 IN THE OLETF RAT. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 355-366.   | 1.9  | 46        |
| 96  | A fast, simple method for screening radiation susceptibility genes by RNA interference. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1370-1377.  | 2.1  | 11        |
| 97  | Fine mapping of radiation susceptibility and gene expression analysis of LEC congenic rat lines. <i>Genomics</i> , 2005, 86, 271-279.   | 2.9  | 4         |
| 98  | Strain Dependent Differences in a Histological Study of CD44 and Collagen Fibers with an Expression Analysis of Inflammatory Response-related Genes in Irradiated Murine Lung. <i>Journal of Radiation Research</i> , 2004, 45, 423-433.                          | 1.6  | 35        |
| 99  | Phenotypic Analysis of Meltrin 1± (ADAM12)-Deficient Mice: Involvement of Meltrin 1± in Adipogenesis and Myogenesis. <i>Molecular and Cellular Biology</i> , 2003, 23, 55-61.   | 2.3  | 140       |
| 100 | Combinations of Nondiabetic Parental Genomes Elicit Impaired Glucose Tolerance in Mouse SMXA Recombinant Inbred Strains. <i>Diabetes</i> , 2003, 52, 180-186.   | 0.6  | 27        |
| 101 | Quantitative Trait Locus Analysis for Chronic Pancreatitis and Diabetes Mellitus in the WBN/Kob Rat. <i>Genomics</i> , 2001, 74, 365-369.   | 2.9  | 15        |
| 102 | Genetic analysis of pancreatic duct hyperplasia in Otsuka Long-Evans Tokushima Fatty rats: Possible association with a region on rat chromosome 14 that includes the disrupted cholecystokinin receptor gene. <i>Pathology International</i> , 2001, 51, 133-139. | 1.3  | 6         |
| 103 | A whole-genome radiation hybrid panel and framework map of the rat genome. <i>Mammalian Genome</i> , 2000, 11, 791-795.   | 2.2  | 29        |
| 104 | Meltrin 2 (ADAM19) Gene: Cloning, Mapping, and Analysis of the Regulatory Region. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 522-527.  | 2.1  | 18        |
| 105 | Genomic Organization of the Family of CNR Cadherin Genes in Mice and Humans. <i>Genomics</i> , 2000, 63, 75-87.   | 2.9  | 112       |
| 106 | A radiation hybrid map of the rat genome containing 5,255 markers. <i>Nature Genetics</i> , 1999, 22, 27-36.  | 21.4 | 231       |
| 107 | Genetic Dissection of OLETF, a Rat Model for Non-Insulin-Dependent Diabetes Mellitus: Quantitative Trait Locus Analysis of (OLETF - BN) - OLETF. <i>Genomics</i> , 1999, 58, 233-239.   | 2.9  | 57        |
| 108 | Genetic dissection of "OLETF", a rat model for non-insulin-dependent diabetes mellitus. <i>Mammalian Genome</i> , 1998, 9, 419-425.   | 2.2  | 78        |

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|-----|---|-----|-----------|
| 109 | Genomic Structures and Chromosomal Location of p91, a Novel Murine Regulatory Receptor Family.<br>Journal of Biochemistry, 1998, 123, 358-368.          | 1.7 | 60        |
| 110 | A New Spontaneous Allele at the Pink-Eyed Dilution (p) Locus Discovered in <i>Mus musculus castaneus</i> ..<br>Experimental Animals, 1995, 44, 347-351. | 1.1 | 3         |