

Yasuhiro Abe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5234800/publications.pdf>

Version: 2024-02-01

88
papers

3,201
citations

168829

31
h-index

175968

55
g-index

112
all docs

112
docs citations

112
times ranked

4975
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Approaches to supply bioequivalent oral solid pharmaceutical formulations through the lifecycles of products: Four-media dissolution monitoring program in Japan. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101378. | 1.4 | 1 |
| 2 | Relationship Between Geometric and Aerodynamic Particle Size Distributions in the Formulation of Solution and Suspension Metered-Dose Inhalers. <i>AAPS PharmSciTech</i> , 2020, 21, 158. | 1.5 | 3 |
| 3 | Morphological Analysis of Spherical Adsorptive Carbon Granules Using Three-Dimensional X-Ray Micro-computed Tomography. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 179-180. | 0.6 | 0 |
| 4 | Temperature-Dependent Formation of α -Nitrosodimethylamine during the Storage of Ranitidine Reagent Powders and Tablets. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 1008-1012. | 0.6 | 22 |
| 5 | Utilization of Diluted Compendial Media as Dissolution Test Solutions with Low Buffer Capacity for the Investigation of Dissolution Rate of Highly Soluble Immediate Release Drug Products. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 664-670. | 0.6 | 5 |
| 6 | Effect of Complex Coacervation with Hyaluronic Acid on Protein Transition in a Subcutaneous Injection Site Model System. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 1109-1112. | 0.6 | 1 |
| 7 | Rapid and efficient high-performance liquid chromatography analysis of N-nitrosodimethylamine impurity in valsartan drug substance and its products. <i>Scientific Reports</i> , 2019, 9, 11852. | 1.6 | 36 |
| 8 | Analysis of an Impurity, α -Nitrosodimethylamine, in Valsartan Drug Substances and Associated Products Using GC-MS. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 547-551. | 0.6 | 17 |
| 9 | Recombinant immunotoxins targeting B-cell maturation antigen are cytotoxic to myeloma cell lines and myeloma cells from patients. <i>Leukemia</i> , 2018, 32, 569-572. | 3.3 | 9 |
| 10 | Observation of liposomes of differing lipid composition in aqueous medium by means of atomic force microscopy. <i>Microscopy (Oxford, England)</i> , 2016, 65, 383-389. | 0.7 | 16 |
| 11 | Atomic Force Microscopic Analysis of the Effect of Lipid Composition on Liposome Membrane Rigidity. <i>Langmuir</i> , 2016, 32, 6074-6082. | 1.6 | 100 |
| 12 | Creation of mouse TNFR2-selective agonistic TNF mutants using a phage display technique. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 309-315. | 0.7 | 7 |
| 13 | Cell Type-Specific Responses of Peripheral Blood CD14-Positive Monocytes to Liposome-Encapsulated Immunostimulatory siRNA. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1859-1867. | 0.6 | 1 |
| 14 | Identification and evaluation of metastasis-related proteins, oxysterol binding protein-like 5 and calumenin, in lung tumors. <i>International Journal of Oncology</i> , 2015, 47, 195-205. | 1.4 | 50 |
| 15 | Aminopeptidase P3 (APP3), a novel member of the TNF/TNFR2 signaling complex, induces phosphorylation of JNK. <i>Journal of Cell Science</i> , 2015, 128, 656-69. | 1.2 | 18 |
| 16 | Intestinal absorption and biological effects of orally administered amorphous silica particles. <i>Nanoscale Research Letters</i> , 2014, 9, 532. | 3.1 | 49 |
| 17 | Ephrin receptor A10 is a promising drug target potentially useful for breast cancers including triple negative breast cancers. <i>Journal of Controlled Release</i> , 2014, 189, 72-79. | 4.8 | 44 |
| 18 | 788: Expression of Annexin A4 regulates cisplatin-susceptibility in malignant mesothelioma. <i>European Journal of Cancer</i> , 2014, 50, S190. | 1.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Eph receptor A10 has a potential as a target for a prostate cancer therapy. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 545-549. | 1.0 | 27 |
| 20 | Intranasal exposure to amorphous nanosilica particles could activate intrinsic coagulation cascade and platelets in mice. <i>Particle and Fibre Toxicology</i> , 2013, 10, 41. | 2.8 | 61 |
| 21 | A targeted adenovirus vector displaying a human fibronectin type III domain-based monoclonal antibody in a fiber protein. <i>Biomaterials</i> , 2013, 34, 4191-4201. | 5.7 | 10 |
| 22 | Liver-specific microRNAs as biomarkers of nanomaterial-induced liver damage. <i>Nanotechnology</i> , 2013, 24, 405102. | 1.3 | 49 |
| 23 | Expression of Eph receptor A10 is correlated with lymph node metastasis and stage progression in breast cancer patients. <i>Cancer Medicine</i> , 2013, 2, 972-977. | 1.3 | 34 |
| 24 | Abstract C119: Anti-EphA10 monoclonal antibody is a potential therapy against EphA10 positive breast cancer.. , 2013, , . | | 1 |
| 25 | Amorphous nanosilicas induce consumptive coagulopathy after systemic exposure. <i>Nanotechnology</i> , 2012, 23, 045101. | 1.3 | 62 |
| 26 | 986 Detection of Drug-target Proteins on Tumor-derived Exosomes by ELISA Using Anti-CD81 Antibodies. <i>European Journal of Cancer</i> , 2012, 48, S238. | 1.3 | 0 |
| 27 | Distribution and histologic effects of intravenously administered amorphous nanosilica particles in the testes of mice. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 297-301. | 1.0 | 68 |
| 28 | Annexin A4 is a possible biomarker for cisplatin susceptibility of malignant mesothelioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 140-144. | 1.0 | 25 |
| 29 | Hemopexin as biomarkers for analyzing the biological responses associated with exposure to silica nanoparticles. <i>Nanoscale Research Letters</i> , 2012, 7, 555. | 3.1 | 15 |
| 30 | Amorphous silica nanoparticles enhance cross-presentation in murine dendritic cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 553-556. | 1.0 | 40 |
| 31 | Surface modification of amorphous nanosilica particles suppresses nanosilica-induced cytotoxicity, ROS generation, and DNA damage in various mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 748-752. | 1.0 | 51 |
| 32 | Amorphous silica nanoparticles size-dependently aggravate atopic dermatitis-like skin lesions following an intradermal injection. <i>Particle and Fibre Toxicology</i> , 2012, 9, 3. | 2.8 | 75 |
| 33 | Potential of acute-phase proteins as biomarkers for sub-nano platinum exposure. <i>Die Pharmazie</i> , 2012, 67, 958-9. | 0.3 | 3 |
| 34 | 9068 POSTER The Relationship Between Oxysterol Binding Protein Like 5 and Calumenin During Lymph Node Metastasis. <i>European Journal of Cancer</i> , 2011, 47, S612. | 1.3 | 0 |
| 35 | PS2-054 Biological and structural characterization of human TNFR2-selective TNF mutants. <i>Cytokine</i> , 2011, 56, 78. | 1.4 | 0 |
| 36 | Limited expression of reticulocalbin-1 in lymphatic endothelial cells in lung tumor but not in normal lung. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 610-614. | 1.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Silica and titanium dioxide nanoparticles cause pregnancy complications in mice. <i>Nature Nanotechnology</i> , 2011, 6, 321-328. | 15.6 | 622 |
| 38 | Therapeutic effect of PEGylated TNFR1-selective antagonistic mutant TNF in experimental autoimmune encephalomyelitis mice. <i>Journal of Controlled Release</i> , 2011, 149, 8-14. | 4.8 | 49 |
| 39 | Effect of amorphous silica nanoparticles on in vitro RANKL-induced osteoclast differentiation in murine macrophages. <i>Nanoscale Research Letters</i> , 2011, 6, 464. | 3.1 | 19 |
| 40 | Acute phase proteins as biomarkers for predicting the exposure and toxicity of nanomaterials. <i>Biomaterials</i> , 2011, 32, 3-9. | 5.7 | 54 |
| 41 | Development of an antibody proteomics system using a phage antibody library for efficient screening of biomarker proteins. <i>Biomaterials</i> , 2011, 32, 162-169. | 5.7 | 31 |
| 42 | Promotion of allergic immune responses by intranasally-administrated nanosilica particles in mice. <i>Nanoscale Research Letters</i> , 2011, 6, 195. | 3.1 | 50 |
| 43 | Effect of surface properties of silica nanoparticles on their cytotoxicity and cellular distribution in murine macrophages. <i>Nanoscale Research Letters</i> , 2011, 6, 93. | 3.1 | 71 |
| 44 | Amorphous nanosilica induce endocytosis-dependent ROS generation and DNA damage in human keratinocytes. <i>Particle and Fibre Toxicology</i> , 2011, 8, 1. | 2.8 | 229 |
| 45 | Systemic distribution, nuclear entry and cytotoxicity of amorphous nanosilica following topical application. <i>Biomaterials</i> , 2011, 32, 2713-2724. | 5.7 | 161 |
| 46 | Fine tuning of receptor-selectivity for tumor necrosis factor- α using a phage display system with one-step competitive panning. <i>Biomaterials</i> , 2011, 32, 5498-5504. | 5.7 | 15 |
| 47 | Identification of New Candidates as Mucosal Vaccine Adjuvant in TNF Family Cytokines. <i>Advances in Experimental Medicine and Biology</i> , 2011, 691, 299-304. | 0.8 | 1 |
| 48 | Anti-inflammatory Effects of a Novel TNFR1-Selective Antagonistic TNF Mutant on Established Murine Collagen-Induced Arthritis. <i>Advances in Experimental Medicine and Biology</i> , 2011, 691, 493-500. | 0.8 | 5 |
| 49 | Size-dependent immune-modulating effect of amorphous nanosilica particles. <i>Die Pharmazie</i> , 2011, 66, 727-8. | 0.3 | 10 |
| 50 | Urban Aerosols Induce Pro-inflammatory Cytokine Production in Macrophages and Cause Airway Inflammation in Vivo. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 780-783. | 0.6 | 14 |
| 51 | Interleukin-1 Family Cytokines as Mucosal Vaccine Adjuvants for Induction of Protective Immunity against Influenza Virus. <i>Journal of Virology</i> , 2010, 84, 12703-12712. | 1.5 | 109 |
| 52 | Carbon Nanotubes Elicit DNA Damage and Inflammatory Response Relative to Their Size and Shape. <i>Inflammation</i> , 2010, 33, 276-280. | 1.7 | 143 |
| 53 | 202 Identification and evaluation of novel breast cancer related biomarker proteins by antibody proteomics technology. <i>European Journal of Cancer, Supplement</i> , 2010, 8, 53. | 2.2 | 0 |
| 54 | Generation of mouse macrophages expressing membrane-bound TNF variants with selectivity for TNFR1 or TNFR2. <i>Cytokine</i> , 2010, 50, 75-83. | 1.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | SS5-5 Anti-inflammatory effects of a novel TNFR1-selective antagonistic TNF mutant in murine experimental autoimmune encephalomyelitis. <i>Cytokine</i> , 2010, 52, 45. | 1.4 | 0 |
| 56 | Potential adjuvant effect of intranasal urban aerosols in mice through induction of dendritic cell maturation. <i>Toxicology Letters</i> , 2010, 199, 383-388. | 0.4 | 10 |
| 57 | Size-dependent cytotoxic effects of amorphous silica nanoparticles on Langerhans cells. <i>Die Pharmazie</i> , 2010, 65, 199-201. | 0.3 | 62 |
| 58 | The use of a mutant TNF- $\Delta 1$ as a vaccine adjuvant for the induction of mucosal immune responses. <i>Biomaterials</i> , 2009, 30, 5869-5876. | 5.7 | 33 |
| 59 | The augmentation of intracellular delivery of peptide therapeutics by artificial protein transduction domains. <i>Biomaterials</i> , 2009, 30, 3318-3323. | 5.7 | 9 |
| 60 | The treatment of established murine collagen-induced arthritis with a TNFR1-selective antagonistic mutant TNF. <i>Biomaterials</i> , 2009, 30, 6638-6647. | 5.7 | 50 |
| 61 | Frequent expression of TRAIL-R2 in human breast tumors revealed by antibody proteomics technology. <i>Cytokine</i> , 2009, 48, 54-55. | 1.4 | 0 |
| 62 | Creation of a mutant IFN- γ 8 with enhanced anti-HCV activity using the phage display technique. <i>Cytokine</i> , 2009, 48, 58. | 1.4 | 0 |
| 63 | Characterization of mucosal and systemic immune responses elicited by interleukin cytokines as mucosal adjuvant against influenza virus. <i>Cytokine</i> , 2009, 48, 109. | 1.4 | 0 |
| 64 | TNF superfamily member, TL1A, is a potential mucosal vaccine adjuvant. <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 296-300. | 1.0 | 16 |
| 65 | Novel protein engineering strategy for creating highly receptor-selective mutant TNFs. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 667-671. | 1.0 | 7 |
| 66 | Structure-Function Relationship of Tumor Necrosis Factor (TNF) and Its Receptor Interaction Based on 3D Structural Analysis of a Fully Active TNFR1-Selective TNF Mutant. <i>Journal of Molecular Biology</i> , 2009, 385, 1221-1229. | 2.0 | 65 |
| 67 | Evaluation of size-dependent acute toxicity and toxicokinetics of amorphous nanosilicas. <i>Toxicology Letters</i> , 2009, 189, S181-S182. | 0.4 | 1 |
| 68 | Evaluation of size-dependent intracellular distribution and genotoxicity of amorphous nanosilicas in human keratinocytes. <i>Toxicology Letters</i> , 2009, 189, S183. | 0.4 | 0 |
| 69 | Urban aerosol directly stimulates antigen presentation cells in vitro and cause airway inflammation in vivo. <i>Toxicology Letters</i> , 2009, 189, S176-S177. | 0.4 | 0 |
| 70 | Fast Binding Kinetics and Conserved 3D Structure Underlie the Antagonistic Activity of Mutant TNF: Useful Information for Designing Artificial Proteo-Antagonists. <i>Journal of Biochemistry</i> , 2009, 146, 167-172. | 0.9 | 15 |
| 71 | Arsenic Trioxide Inhibits Human T Cell-Lymphotropic Virus-1-Induced Syncytiums by Down-Regulating gp46. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1286-1288. | 0.6 | 2 |
| 72 | Simple and highly sensitive assay system for TNFR2-mediated soluble- and transmembrane-TNF activity. <i>Journal of Immunological Methods</i> , 2008, 335, 71-78. | 0.6 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Organelle-Targeted Delivery of Biological Macromolecules Using the Protein Transduction Domain: Potential Applications for Peptide Aptamer Delivery into the Nucleus. <i>Journal of Molecular Biology</i> , 2008, 380, 777-782. | 2.0 | 24 |
| 74 | The therapeutic effect of TNFR1-selective antagonistic mutant TNF- $\hat{\pm}$ in murine hepatitis models. <i>Cytokine</i> , 2008, 44, 229-233. | 1.4 | 47 |
| 75 | 164 Relationship between regulatory T-cell infiltration and progression of different tumors assessed by high-density tissue microarray. <i>Cytokine</i> , 2008, 43, 274. | 1.4 | 0 |
| 76 | 277 Mutant TNF elicits Th2-type responses for enhanced mucosal immunity. <i>Cytokine</i> , 2008, 43, 309. | 1.4 | 0 |
| 77 | Creation and X-ray Structure Analysis of the Tumor Necrosis Factor Receptor-1-selective Mutant of a Tumor Necrosis Factor- $\hat{\pm}$ Antagonist. <i>Journal of Biological Chemistry</i> , 2008, 283, 998-1007. | 1.6 | 89 |
| 78 | Creation of Novel Cell-Penetrating Peptides for Intracellular Drug Delivery Using Systematic Phage Display Technology Originated from Tat Transduction Domain. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 218-223. | 0.6 | 32 |
| 79 | 102 Creation of TNF Receptor1-Selective Mutant TNF Using Phage Display System. <i>Cytokine</i> , 2007, 39, 28. | 1.4 | 0 |
| 80 | 170 Site-specific PEGylation of a Lysine-deficient TNF Superfamily with Full Bioactivity. <i>Cytokine</i> , 2007, 39, 47. | 1.4 | 0 |
| 81 | Role of amino acid residue 90 in bioactivity and receptor binding capacity of tumor necrosis factor mutants. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 1029-1035. | 1.1 | 7 |
| 82 | A novel method for construction of gene fragment library to searching epitopes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 198-204. | 1.0 | 6 |
| 83 | Quality Enhancement of the Non-immune Phage scFv Library to Isolate Effective Antibodies. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1325-1330. | 0.6 | 25 |
| 84 | Creation of Novel Protein Transduction Domain (PTD) Mutants by a Phage Display-Based High-Throughput Screening System. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1570-1574. | 0.6 | 25 |
| 85 | Promotion of Optimized Protein Therapy by Bioconjugation as a Polymeric DDS. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2006, 6, 251-258. | 0.9 | 8 |
| 86 | Functionalization of Tumor Necrosis Factor- $\hat{\pm}$ Using Phage Display Technique and PEGylation Improves Its Antitumor Therapeutic Window. <i>Clinical Cancer Research</i> , 2004, 10, 8293-8300. | 3.2 | 76 |
| 87 | Optimal site-specific PEGylation of mutant TNF- $\hat{\pm}$ improves its antitumor potency. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 808-814. | 1.0 | 50 |
| 88 | Selective Enhancer of Tumor Vascular Permeability for Optimization of Cancer Chemotherapy. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 437-439. | 0.6 | 5 |