

# Hideki Abe

## List of Publications by Year in descending order

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34  
papers

462  
citations

759233

12  
h-index

713466

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoinactivation of Virus Infectivity by Hypocrellin A. <i>Photochemistry and Photobiology</i> , 1997, 66, 697-700.	2.5	76
2	ANALYSIS OF VIRAL DNA, PROTEIN AND ENVELOPE DAMAGE AFTER METHYLENE BLUE, PHTHALOCYANINE DERIVATIVE OR MERCYANINE 540 PHOTOSENSITIZATION. <i>Photochemistry and Photobiology</i> , 1995, 61, 402-409.	2.5	66
3	Photoinactivation of Vesicular Stomatitis Virus with Fullerene Conjugated with Methoxy Polyethylene Glycol Amine.. <i>Biological and Pharmaceutical Bulletin</i> , 1999, 22, 1106-1109.	1.4	30
4	Leakage of Potassium from Red Blood Cells following Gamma Ray Irradiation in the Presence of Dipyridamole, Trolox, Human Plasma or Mannitol. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1318-1320.	1.4	30
5	Effects of Hemoglobin Vesicles, a Liposomal Artificial Oxygen Carrier, on Hematological Responses, Complement and Anaphylactic Reactions in Rats. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2007, 35, 157-172.	0.9	29
6	Interaction of Hemoglobin Vesicles, a Cellular-Type Artificial Oxygen Carrier, with Human Plasma: Effects on Coagulation, Kallikrein-Kinin, and Complement Systems. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2006, 34, 1-10.	0.9	25
7	Inactivation of parvovirus B19 in coagulation factor concentrates by UVC radiation: assessment by an in vitro infectivity assay using CFU-E derived from peripheral blood CD34+ cells. <i>Transfusion</i> , 2001, 41, 456-461.	1.6	21
8	EFFECTS OF POLY(ETHYLENEGLYCOL)-MODIFIED HEMOGLOBIN VESICLES ON AGONIST-INDUCED PLATELET AGGREGATION AND RANTES RELEASE IN VITRO. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2001, 29, 191-201.	0.9	20
9	Effects of Hemoglobin Vesicles on Resting and Agonist-Stimulated Human Platelets In Vitro. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2005, 33, 101-111.	0.9	18
10	A highly sensitive chemiluminescent reverse transcriptase assay for human immunodeficiency virus. <i>Journal of Virological Methods</i> , 2002, 106, 115-124.	2.1	14
11	Phagocytosis of Liposome Particles by Rat Splenic Immature Monocytes Makes Them Transiently and Highly Immunosuppressive In Ex Vivo Culture Conditions. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 42-49.	2.5	14
12	Elucidation of the HIV-1 virucidal mechanism of methylene blue photosensitization and the effect on primary isolates. <i>Journal of Medical Virology</i> , 2000, 62, 421-425.	5.0	13
13	Elimination of both cell-free and cell-associated HIV infectivity in plasma by a filtration/methylene blue photoinactivation system. <i>Transfusion</i> , 2000, 40, 1081-1087.	1.6	13
14	Pyrimidine Dimer Formation and Oxidative Damage in M13 Bacteriophage Inactivation by Ultraviolet C Irradiation. <i>Photochemistry and Photobiology</i> , 2003, 78, 349.	2.5	12
15	EFFECTS OF POLY(ETHYLENEGLYCOL)-MODIFIED HEMOGLOBIN VESICLES ONN-FORMYL-METHIONYL-LEUCYL-PHENYLALANINE-INDUCED RESPONSES OF POLYMORPHONUCLEAR NEUTROPHILS IN VITRO. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2001, 29, 427-437.	0.9	11
16	Involvement of Reactive Oxygen Species in Hemoglobin Oxidation and Virus Inactivation by 1,9-Dimethylmethylene Blue Phototreatment.. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 418-421.	1.4	10
17	Complete Deoxygenation from a Hemoglobin Solution by an Electrochemical Method and Heat Treatment for Virus Inactivation. <i>Biotechnology Progress</i> , 2002, 18, 101-107.	2.6	9
18	Pulsed xenon flash treatment inactivates bacteria in apheresis platelet concentrates while preserving in vitro quality and functionality. <i>Transfusion</i> , 2017, 57, 989-996.	1.6	9

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19	Primary and Secondary Immune Responses to Keyhole Limpet Hemocyanin in Rats After Infusion of Hemoglobin Vesicle, an Artificial Oxygen Carrier. <i>Artificial Organs</i> , 2014, 38, 234-238.	1.9	7
20	Reduction of bacteria and human immunodeficiency virus Type 1 infectivity of platelet suspension in plasma using xenon flash pulse light in a bench scale trial. <i>Transfusion</i> , 2016, 56, 2256-2266.	1.6	5
21	Virus Photoinactivation in Stroma-free Hemoglobin with Methylene Blue or 1,9-dimethylmethylene Blue. <i>Photochemistry and Photobiology</i> , 2000, 71, 90.	2.5	5
22	Virus Inactivation in Superoxide Dismutase Preparations by Ultraviolet Light Irradiation.. <i>Biological and Pharmaceutical Bulletin</i> , 1998, 21, 621-623.	1.4	4
23	Flow path system of ultraviolet C irradiation from xenon flash to reduce bacteria survival in platelet products containing a platelet additive solution. <i>Transfusion</i> , 2020, 60, 1050-1059.	1.6	4
24	Influence of O <sub>2</sub> -carrying plasma hemoprotein α <sub>2</sub> -albumin-heme on complement system and platelet activation in vitro and physiological responses to exchange transfusion. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 81A, 821-826.	4.0	3
25	Pyrimidine Dimer Formation and Oxidative Damage in M13 Bacteriophage Inactivation by Ultraviolet C Irradiation. <i>Photochemistry and Photobiology</i> , 2003, 78, 349-354.	2.5	3
26	Restored response to ADP downstream of purinergic P <sub>2Y</sub> <sub>12</sub> receptor in apheresis platelets after pathogen-reducing xenon flash treatment. <i>Transfusion</i> , 2018, 58, 1117-1125.	1.6	3
27	Cell-associated virus infectivity of primary HIV-1 isolate can be eliminated by a filtration/methylene blue photoinactivation system. <i>Transfusion</i> , 2000, 40, 1542a-1543.	1.6	2
28	Altered activation of integrin α <sub>IIb</sub> β <sub>3</sub> on platelets irradiated with ultraviolet C from pathogen-reducing xenon flash. <i>Transfusion and Apheresis Science</i> , 2019, 58, 337-340.	1.0	2
29	Correlation between platelet thrombus formation on collagen-coated beads and platelet aggregation induced by ADP. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102560.	1.0	2
30	Inflammatory Cytokine Production in Whole Blood Modified by Liposome-Encapsulated Hemoglobin. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1998, 26, 559-570.	0.9	1
31	Comparison of the Effects of Different Antiviral Treatments on the Antioxidant Systems of Stroma-free Hemoglobin. <i>Photochemistry and Photobiology</i> , 2001, 74, 461-464.	2.5	1
32	SUPEROXIDE GENERATION FROM HUMAN POLYMORPHONUCLEAR LEUKOCYTES BY LIPOSOME-ENCAPSULATED HEMOGLOBIN. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2001, 29, 275-283.	0.9	0
33	Virus Photoinactivation in Stroma-free Hemoglobin with Methylene Blue or 1,9-dimethylmethylene Blue. <i>Photochemistry and Photobiology</i> , 2007, 71, 90-93.	2.5	0
34	In vitro thrombus formation and in vivo hemostasis mediated by platelets irradiated with bactericidal ultraviolet C from xenon flash under flow conditions. <i>Transfusion</i> , 2021, 61, 191-201.	1.6	0