

# Terumitsu Hasebe

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

950  
citations

516710

16  
h-index

501196

28  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diamond-like carbon films for PET bottles and medical applications. <i>Thin Solid Films</i> , 2006, 494, 84-91.	1.8	182
2	Fluorine doping into diamond-like carbon coatings inhibits protein adsorption and platelet activation. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 83A, 1192-1199.	4.0	83
3	Fracture mechanics of diamond-like carbon (DLC) films coated on flexible polymer substrates. <i>Surface and Coatings Technology</i> , 2007, 201, 6423-6430.	4.8	58
4	Oxygen transmission of transparent diamond-like carbon films. <i>Diamond and Related Materials</i> , 2005, 14, 1112-1115.	3.9	39
5	Depth profiling of fluorine-doped diamond-like carbon (F-DLC) film: Localized fluorine in the top-most thin layer can enhance the non-thrombogenic properties of F-DLC. <i>Thin Solid Films</i> , 2007, 516, 299-303.	1.8	34
6	Accuracy of real-time magnetic resonance imaging-transrectal ultrasound fusion image-guided transperineal target biopsy with needle tracking with a mechanical position-encoded stepper in detecting significant prostate cancer in biopsy-naïve men. <i>International Journal of Urology</i> , 2017, 24, 288-294.	1.0	32
7	Balloon-occluded transarterial chemoembolization using a 1.8-French tip Coaxial microballoon catheter for hepatocellular carcinoma: Technical and safety considerations. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2015, 24, 94-100.	1.2	28
8	Focal therapy with high-intensity focused ultrasound for the localized prostate cancer for Asian based on the localization with MRI-TRUS fusion image-guided transperineal biopsy and 12-cores transperineal systematic biopsy: prospective analysis of oncological and functional outcomes. <i>International Journal of Clinical Oncology</i> , 2020, 25, 1844-1853.	2.2	28
9	Identification of citrullinated eukaryotic translation initiation factor 4G1 as novel autoantigen in rheumatoid arthritis. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 94-100.	2.1	27
10	Hydrophobicity and non-thrombogenicity of nanoscale dual rough surface coated with fluorine-incorporated diamond-like carbon films: Biomimetic surface for blood-contacting medical devices. <i>Diamond and Related Materials</i> , 2013, 38, 14-18.	3.9	25
11	Gas barrier properties and periodically fractured surface of thin DLC films coated on flexible polymer substrates. <i>Surface and Coatings Technology</i> , 2007, 201, 6431-6436.	4.8	23
12	Simple Fabrication of Gd(III)-DTPA-Nanodiamond Particles by Chemical Modification for Use as Magnetic Resonance Imaging (MRI) Contrast Agent. <i>Applied Physics Express</i> , 2013, 6, 015001.	2.4	23
13	Reduction of severe acute respiratory syndrome coronavirus-2 infectivity by admissible concentration of ozone gas and water. <i>Microbiology and Immunology</i> , 2021, 65, 10-16.	1.4	23
14	Ultrastructural characterization of surface-induced platelet activation on artificial materials by transmission electron microscopy. <i>Microscopy Research and Technique</i> , 2013, 76, 342-349.	2.2	22
15	Controlled formation of wrinkled diamond-like carbon (DLC) film on grooved poly(dimethylsiloxane) substrate. <i>Diamond and Related Materials</i> , 2012, 22, 48-51.	3.9	21
16	Preparation and characterization of 2-methacryloyloxyethyl phosphorylcholine polymer nanofibers prepared via electrospinning for biomedical materials. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	21
17	Balloon-occluded arterial stump pressure before balloon-occluded transarterial chemoembolization. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2016, 25, 22-28.	1.2	15
18	Micropatterning of a 2-methacryloyloxyethyl phosphorylcholine polymer surface by hydrogenated amorphous carbon thin films for endothelialization and antithrombogenicity. <i>Acta Biomaterialia</i> , 2019, 87, 187-196.	8.3	15

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19	Basic Fibroblast Growth Factor as a Potential Stent Coating Material Inducing Endothelial Cell Proliferation. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014, 21, 477-485.	2.0	12
20	<i>In vitro</i> basic fibroblast growth factor (bFGF) delivery using an antithrombogenic 2-methacryloyloxyethyl phosphorylcholine (MPC) polymer coated with a micropatterned diamond-like carbon (DLC) film. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 3384-3391.	4.0	12
21	Comparative performance analysis of interventional devices for the treatment of ischemic disease in below-the-knee lesions: a systematic review and meta-analysis. <i>Cardiovascular Intervention and Therapeutics</i> , 2022, 37, 145-157.	2.3	11
22	Transnodal lymphangiography and post-CT for protein-losing enteropathy in Noonan syndrome. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2015, 24, 246-249.	1.2	10
23	Prospective multi-center registry to evaluate efficacy and safety of the newly developed diamond-like carbon-coated cobalt-chromium coronary stent system. <i>Cardiovascular Intervention and Therapeutics</i> , 2017, 32, 225-232.	2.3	10
24	Hepatic Arterial Infusion Chemotherapy by the Fixed-Catheter-Tip Method: Retrospective Comparison of Percutaneous Left Subclavian and Femoral Port-Catheter System Implantation. <i>American Journal of Roentgenology</i> , 2014, 202, 211-215.	2.2	9
25	Feasibility and Safety of CT-guided Intrathoracic and Bone Re-biopsy for Non-small Cell Lung Cancer. <i>Anticancer Research</i> , 2018, 38, 3587-3592.	1.1	9
26	Prediction of binding characteristics between von Willebrand factor and platelet glycoprotein Ib $\alpha$ with various mutations by molecular dynamic simulation. <i>Thrombosis Research</i> , 2019, 184, 129-135.	1.7	9
27	Effectiveness of combined use of imprint cytological and histological examination in CT-guided tissue-core biopsy. <i>European Radiology</i> , 2014, 24, 1127-1134.	4.5	8
28	Potential different impact of inhibition of thrombin function and thrombin generation rate for the growth of thrombi formed at site of endothelial injury under blood flow condition. <i>Thrombosis Research</i> , 2019, 179, 121-127.	1.7	8
29	Fabrication of radiopaque drug-eluting beads based on Lipiodol/biodegradable-polymer for image-guided transarterial chemoembolization of unresectable hepatocellular carcinoma. <i>Polymer Degradation and Stability</i> , 2020, 175, 109106.	5.8	8
30	Fabrication of Gd-DOTA-functionalized carboxylated nanodiamonds for selective MR imaging (MRI) of the lymphatic system. <i>Nanotechnology</i> , 2021, 32, 235102.	2.6	8
31	Poly(2-methacryloyloxyethyl phosphorylcholine) (MPC) nanofibers coated with micro-patterned diamond-like carbon (DLC) for the controlled drug release. <i>Journal of Bioreheology</i> , 2015, 29, 51-55.	0.5	7
32	A Stepwise Embolization Strategy for a Bronchial Arterial Aneurysm: Proximal Coil and Distal Glue with the Optional Use of a Microballoon Occlusion System. <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 1267-1273.	2.0	7
33	Analysis of oncological outcomes of whole-gland therapy with high-intensity focused ultrasound for localized prostate cancer in clinical and technical aspects: a retrospective consecutive case-series analysis with a median 5-year follow-up. <i>International Journal of Hyperthermia</i> , 2021, 38, 1205-1216.	2.5	7
34	CT-guided bone biopsy using electron density maps from dual-energy CT. <i>Radiology Case Reports</i> , 2021, 16, 2343-2346.	0.6	7
35	Gadolinium-Complexed Carboxylated Nanodiamond Particles for Magnetic Resonance Imaging of the Lymphatic System. <i>ACS Applied Nano Materials</i> , 2021, 4, 1702-1711.	5.0	7
36	Right Aortic Arch with Mirror-image Branching in Adults: Evaluation Using CT. <i>Tokai Journal of Experimental and Clinical Medicine</i> , 2018, 43, 30-37.	0.4	7

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37	Perirenal lymphatic systems: Evaluation using spectral presaturation with inversion recovery (T <sub>2</sub> -weighted MR images with 3D volume isotropic turbo spin-echo acquisition at 3.0T. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 897-905.	3.4	6
38	CT Fluoroscopy-Guided Transsacral Intervertebral Drainage for Pyogenic Spondylodiscitis at the Lumbosacral Junction. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 125-129.	2.0	6
39	Microballoon-related interventions in various endovascular treatments of body trunk lesions. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2018, 27, 2-10.	1.2	6
40	Pulmonary perfusion by chest digital dynamic radiography: Comparison between breath-holding and deep-breathing acquisition. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 247-255.	1.9	6
41	The property of adhesion and biocompatibility of silicon and fluorine doped diamond-like carbon films. <i>Diamond and Related Materials</i> , 2021, 119, 108558.	3.9	6
42	Development of a Portable Training Tool for Simulating Visceral Angiographic Procedures for Beginners. <i>CardioVascular and Interventional Radiology</i> , 2009, 32, 412-416.	2.0	5
43	First experience of efficacy and radiation exposure in 320-detector row CT fluoroscopy-guided interventions. <i>British Journal of Radiology</i> , 2021, 94, 20200754.	2.2	5
44	Transcatheter arterial embolization for unruptured renal angiomyolipoma using a 1.8-Fr tip microballoon catheter with a mixture of ethanol and Lipiodol. <i>CVIR Endovascular</i> , 2020, 3, 3.	1.1	5
45	Balloon-occluded retrograde transvenous obliteration using a new microballoon for gastric varices. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2017, 26, 177-181.	1.2	4
46	Can the Number of Radiofrequency Activations Predict Serious Adverse Events after Bronchial Thermoplasty? A Retrospective Case-Control Study. <i>Pulmonary Therapy</i> , 2019, 5, 221-233.	2.2	4
47	Lymphangiography and Post-lymphangiographic Multidetector CT for Preclinical Lymphatic Interventions in a Rabbit Model. <i>CardioVascular and Interventional Radiology</i> , 2019, 42, 448-454.	2.0	4
48	A method and preliminary results of <i>in silico</i> computer simulation for the formation of mix thrombi with platelet and fibrin. <i>Journal of Biorheology</i> , 2017, 31, 30-34.	0.5	4
49	Feasibility and Safety of Repeated Transarterial Chemoembolization Using Miriplatin-Lipiodol Suspension for Hepatocellular Carcinoma. <i>Anticancer Research</i> , 2017, 37, 3183-3187.	1.1	4
50	Do we need a special issue about cutting edges?. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2018, 27, 1-1.	1.2	3
51	Vessel Occlusion using Hydrogel-Coated versus Nonhydrogel Embolization Coils in Peripheral Arterial Applications: A Prospective, Multicenter, Randomized Trial. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 602-609.e1.	0.5	3
52	Detection of Shunting Into Pulmonary Artery on Multidetector Row Computed Tomography Arteriography Before Bronchial Arterial Embolization: A Preliminary Study. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 852-856.	0.9	3
53	Diamond-Like Carbon and Fluorinated Diamond-Like Carbon Films for Cardiovascular Medical Devices. <i>Hyomen Cijutsu/Journal of the Surface Finishing Society of Japan</i> , 2005, 56, 897-897.	0.2	2
54	The Role of Divided Injections of a Sclerotic Agent over Two Days in Balloon-Occluded Retrograde Transvenous Obliteration for Large Gastric Varices. <i>Korean Journal of Radiology</i> , 2013, 14, 439.	3.4	2

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55	Swine model of in-stent stenosis in the iliac artery evaluating the serial time course. <i>Experimental Animals</i> , 2018, 67, 501-508.	1.1	2
56	The approach of scratch-imprint cytology: Is it an alternative to frozen section for intraoperative assessment of pulmonary lesions?. <i>Pathology International</i> , 2020, 70, 31-39.	1.3	2
57	Snuff box radial access in transcatheter arterial embolization for unruptured renal angiomyolipoma. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2021, 30, 27-32.	1.2	2
58	Neoadjuvant chemoradiotherapy for locally advanced gastric cancer with bulky lymph node metastasis: Five case reports. <i>World Journal of Clinical Cases</i> , 2020, 8, 4177-4185.	0.8	2
59	In Vitro Model for Simulating Drug Delivery during Balloon-Occluded Transarterial Chemoembolization. <i>Biology</i> , 2021, 10, 1341.	2.8	2
60	Sporadic gastric neurofibroma underneath early cancer: MDCT gastrography and histological findings. <i>Radiation Medicine</i> , 2007, 25, 236-239.	0.8	1
61	Towards the Next Generation of Implantable Biomedical Devices Using Diamond-Like Carbon Coatings. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2008, 59, 363-363.	0.2	1
62	Combination therapy using PSE and TIO ameliorates hepatic encephalopathy due to intrahepatic portosystemic venous shunt in idiopathic portal hypertension. <i>Acta Radiologica Open</i> , 2016, 5, 205846011666657.	0.6	1
63	Radiopaque and biodegradable beads fabricated with Lipiodol and polycaprolactone for transarterial chemoembolization. <i>MRS Advances</i> , 2019, 4, 1187-1192.	0.9	1
64	CT fluoroscopy-guided percutaneous intervertebral drain insertion for cervical pyogenic spondylodiscitis. <i>Diagnostic and Interventional Radiology</i> , 2021, 27, 269-271.	1.5	1
65	Pelvic local recurrence as first relapse predicts prognosis for clinical stage II/III lower rectal cancer: A clinicopathological investigation. <i>Molecular and Clinical Oncology</i> , 2020, 14, 33.	1.0	1
66	Anti-bacterial property of Hydrogen-free amorphous carbon coatings on Ar plasma-pretreated polytetrafluoroethylene (PTFE) with a-C:H:F interlayer. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1505, 1.	0.1	0
67	Internal biliary drainage for isolated posterior segmental biliary obstruction: a case report. <i>Journal of Medical Case Reports</i> , 2018, 12, 156.	0.8	0
68	Dose length product and outcome of CT fluoroscopy-guided interventions using a new 320-detector row CT scanner with deep-learning reconstruction and new bow-tie filter. <i>British Journal of Radiology</i> , 2022, 95, .	2.2	0