William T Phillips

List of Publications by Year
in descending order

104 papers	3,441 citations	117625 34 h-index	149698 56 g-index
108 all docs	108 docs citations	108 times ranked	3797 citing authors

#	Article	IF	Citations
1	Circulation and biodistribution profiles of long-circulating PEG-liposomes of various sizes in rabbits. International Journal of Pharmaceutics, 2003, 253, 121-132.	5.2	200
2	Dynamic Imaging of Functionalized Multiâ€Walled Carbon Nanotube Systemic Circulation and Urinary Excretion. Advanced Materials, 2008, 20, 225-230.	21.0	196
3	Direct 99mTc Labeling of Pegylated Liposomal Doxorubicin (Doxil) for Pharmacokinetic and Non-Invasive Imaging Studies. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 419-425.	2.5	118
4	[186Re]Liposomal doxorubicin (Doxil): in vitro stability, pharmacokinetics, imaging and biodistribution in a head and neck squamous cell carcinoma xenograft model. Nuclear Medicine and Biology, 2009, 36, 515-524.	0.6	116
5	Rapid Gastric Emptying of a Solid Pancake Meal in Type II Diabetic Patients. Diabetes Care, 1996, 19, 468-471.	8.6	111
6	In vivo PET imaging and biodistribution of radiolabeled gold nanoshells in rats with tumor xenografts. International Journal of Pharmaceutics, 2010, 395, 324-330.	5.2	102
7	Analysis of sentinel lymph node mapping with immediate pathologic review in patients receiving preoperative chemotherapy for breast carcinoma. Annals of Surgical Oncology, 2002, 9, 243-247.	1.5	99
8	Delivery of gamma-imaging agents by liposomes. Advanced Drug Delivery Reviews, 1999, 37, 13-32.	13.7	96
9	In vivo biodistribution of a radiolabeled blood substitute: 99mTc-labeled liposome-encapsulated hemoglobin in an anesthetized rabbit.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 10976-10980.	7.1	92
10	Neutral and Anionic Liposome-Encapsulated Hemoglobin: Effect of Postinserted Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Pharmacology and Experimental Therapeutics, 2004, 309, 241-248.	2.5	91
11	A simple method for producing a technetium-99m-labeled liposome which is stable In Vivo. International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology, 1992, 19, 539-547.	0.3	80
12	Image-guided interventional therapy for cancer with radiotherapeutic nanoparticles. Advanced Drug Delivery Reviews, 2014, 76, 39-59.	13.7	77
13	Circulation Kinetics and Organ Distribution of Hb-Vesicles Developed as a Red Blood Cell Substitute. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 702-709.	2.5	72
14	Potential use of drug carried-liposomes for cancer therapy via direct intratumoral injection. International Journal of Pharmaceutics, 2006, 316, 162-169.	5.2	72
15	Rhenium-186 liposomes as convection-enhanced nanoparticle brachytherapy for treatment of glioblastoma. Neuro-Oncology, 2012, 14, 416-425.	1.2	71
16	A Novel Liposome Radiolabeling Method Using 99mTc-â€œSNS/Sâ€•Complexes: In Vitro and In Vivo Evaluation. Journal of Pharmaceutical Sciences, 2003, 92, 1893-1904.	3.3	70
17	Selective uptake of surface-modified phospholipid vesicles by bone marrow macrophages in vivo. Biomaterials, 2007, 28, 2655-2666.	11.4	68
18	186Re-liposome labeling using 186Re-SNS/S complexes: in vitro stability, imaging, and biodistribution in rats. Journal of Nuclear Medicine, 2003, 44, 1992-9.	5.0	66

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19	Integrin αvβ3-targeted gold nanoshells augment tumor vasculature-specific imaging and therapy. International Journal of Nanomedicine, 2011, 6, 259.	6.7	63
20	Effect of intratumoral administration on biodistribution of 64Cu-labeled nanoshells. International Journal of Nanomedicine, 2012, 7, 2227.	6.7	57
21	Treatment With an Oral Proteinase Inhibitor Slows Gastric Emptying and Acutely Reduces Glucose and Insulin Levels After a Liquid Meal in Type II Diabetic Patients. Diabetes Care, 1994, 17, 255-262.	8.6	54
22	Interventional Therapy of Head and Neck Cancer with Lipid Nanoparticleâ€“carried Rhenium 186 Radionuclide. Journal of Vascular and Interventional Radiology, 2010, 21, 1271-1279.	0.5	51
23	Use of avidin/biotin-liposome system for enhanced peritoneal drug delivery in an ovarian cancer model. International Journal of Pharmaceutics, 2007, 337, 316-328.	5.2	50
24	The BEIR VII Estimates of Low-Dose Radiation Health Risks Are Based on Faulty Assumptions and Data Analyses: A Call for Reassessment. Journal of Nuclear Medicine, 2018, 59, 1017-1019.	5.0	50
25	Reduced postprandial blood glucose levels in recently diagnosed non-insulin-dependent diabetics secondary to pharmacologically induced delayed gastric emptying. Digestive Diseases and Sciences, 1993, 38, 51-58.	2.3	47
26	Intraoperative 186Re-Liposome Radionuclide Therapy in a Head and Neck Squamous Cell Carcinoma Xenograft Positive Surgical Margin Model. Clinical Cancer Research, 2008, 14, 3975-3983.	7.0	45
27	Combination Radiofrequency Ablation and Intravenous Radiolabeled Liposomal Doxorubicin: Imaging and Quantification of Increased Drug Delivery to Tumors. Radiology, 2010, 255, 405-414.	7.3	45
28	Gastric emptying in Mexican Americans compared to non-Hispanic whites. Digestive Diseases and Sciences, 1995, 40, 624-630.	2.3	44
29	Cerebral oxygen delivery by liposome-encapsulated hemoglobin: a positron-emission tomographic evaluation in a rat model of hemorrhagic shock. Journal of Applied Physiology, 2007, 103, 28-38.	2.5	41
30	Accelerated gastric emptying of glucose in Zucker type 2 diabetic rats: role in postprandial hyperglycaemia. Diabetologia, 1997, 40, 136-142.	6.3	39
31	Dual Radiolabeled Liposomes: Biodistribution Studies and Localization of Focal Sites of Infection in Rats. Nuclear Medicine and Biology, 1998, 25, 155-160.	0.6	39
32	Bone marrow-targeted liposomal carriers. Expert Opinion on Drug Delivery, 2011, 8, 317-328.	5.0	37
33	Current controversies in the initial post-surgical radioactive iodine therapy for thyroid cancer: a narrative review. Endocrine-Related Cancer, 2014, 21, R473-R484.	3.1	36
34	Chemoradionuclide Therapy with¹⁸⁶Re-labeled Liposomal Doxorubicin in Combination with Radiofrequency Ablation for Effective Treatment of Head and Neck Cancer in a Nude Rat Tumor Xenograft Model. Radiology, 2011, 261, 813-823.	7.3	35
35	Strategies for improving the intratumoral distribution of liposomal drugs in cancer therapy. Expert Opinion on Drug Delivery, 2016, 13, 873-889.	5.0	34
36	Avidin/biotin-liposome system injected in the pleural space for drug delivery to mediastinal lymph nodes. Journal of Pharmaceutical Sciences, 2004, 93, 2595-2608.	3.3	33

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37	Accumulation of PEG-liposomes in the Inflamed Colon of Rats: Potential for Therapeutic and Diagnostic Targeting of Inflammatory Bowel Diseases. Journal of Drug Targeting, 2002, 10, 419-427.	4.4	32
38	Biodistribution and lymph node retention of polysaccharide-based immunostimulating nanocapsules. Vaccine, 2014, 32, 1685-1692.	3.8	31
39	Effect of sympathetic block demonstrated by triple-phase bone scan. Journal of Hand Surgery, 1993, 18, 860-864.	1.6	30
40	Pharmacokinetics and biodistribution of [111In]-avidin and [99mTc]-biotin-liposomes injected in the pleural space for the targeting of mediastinal nodes. Nuclear Medicine and Biology, 2004, 31, 41-51.	0.6	28
41	Liposomal formulations of poorly soluble camptothecin: drug retention and biodistribution. Journal of Liposome Research, 2013, 23, 70-81.	3.3	28
42	A Novel Approach for the Increased Delivery of Pharmaceutical Agents to Peritoneum and Associated Lymph Nodes. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 11-16.	2.5	27
43	Setup and characterization of a human head and neck squamous cell carcinoma xenograft model in nude rats. Otolaryngology - Head and Neck Surgery, 2006, 135, 853-857.	1.9	27
44	Assessment of Hepatic Fatty Infiltration Using Spectral Computed Tomography Imaging. Journal of Computer Assisted Tomography, 2013, 37, 134-141.	0.9	26
45	Linear gastric emptying of hyperosmolar glucose solutions. Journal of Nuclear Medicine, 1991, 32, 377-81.	5.0	26
46	Characterization and Cytotoxicity of Self-Organized Assemblies of Curcumin and Amphiphatic Poly(ethylene glycol). Journal of Biomedical Nanotechnology, 2009, 5, 202-208.	1.1	25
47	Circulation persistence and biodistribution of lyophilized liposome-encapsulated hemoglobin: An oxygen-carrying resuscitative fluid. Critical Care Medicine, 1994, 22, 142-150.	0.9	24
48	Repeat Injection Studies of Technetium-99M-Labeled Peg-Liposomes in the Same Animal. Journal of Liposome Research, 1998, 8, 265-281.	3.3	24
49	Evaluation of [99mTc] liposomes as lymphoscintigraphic agents: comparison with [99mTc] sulfur colloid and [99mTc] human serum albumin. Nuclear Medicine and Biology, 2001, 28, 435-444.	0.6	24
50	Imaging of186Re-liposome therapy in ovarian cancer xenograft model of peritoneal carcinomatosis. Journal of Drug Targeting, 2008, 16, 626-637.	4.4	24
51	Remote-loading labeling of liposomes with99mTc-BMEDA and its stability evaluation: effects of lipid formulation and pH/chemical gradient. Journal of Liposome Research, 2011, 21, 17-27.	3.3	23
52	Size discrimination in rat and mouse gastric emptying. Biopharmaceutics and Drug Disposition, 2013, 34, 107-124.	1.9	23
53	Bone marrow-targeted liposomal carriers: a feasibility study in nonhuman primates. Nanomedicine, 2010, 5, 41-49.	3.3	22
54	Kinetics of liposome-encapsulated hemoglobin after 25% hypovolemic exchange transfusion. International Journal of Pharmaceutics, 2004, 283, 53-62.	5.2	21

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55	PHYSIOLOGICAL RESPONSES, ORGAN DISTRIBUTION, AND CIRCULATION KINETICS IN ANESTHETIZED RATS AFTER HYPOVOLEMIC EXCHANGE TRANSFUSION WITH TECHNETIUM-99m-LABELED LIPOSOME-ENCAPSULATED HEMOGLOBIN. Shock, 1995, 4, 121-130.	2.1	20
56	Gastric emptying of beer in Mexican-Americans compared with non-hispanic whites. Metabolism: Clinical and Experimental, 1996, 45, 1174-1178.	3.4	20
57	Theoretical study of the influence of a heterogeneous activity distribution on intratumoral absorbed dose distribution. Medical Physics, 2004, 32, 200-208.	3.0	19
58	Intraoperative therapy with liposomal drug delivery: Retention and distribution in human head and neck squamous cell carcinoma xenograft model. International Journal of Pharmaceutics, 2009, 373, 156-164.	5.2	19
59	Real-Time Iterative Monitoring of Radiofrequency Ablation Tumor Therapy with ¹⁵O-Water PET Imaging. Journal of Nuclear Medicine, 2008, 49, 1723-1729.	5.0	18
60	Role of Complement in Rats Injected with Liposome-Encapsulated Hemoglobin. Journal of Surgical Research, 1997, 68, 99-105.	1.6	17
61	[99mTc] liposomes for localizing experimental colitis in arabbit model. Nuclear Medicine and Biology, 2003, 30, 159-168.	0.6	17
62	Chemoradionuclide Therapy with¹⁸⁶Re-Labeled Liposomal Doxorubicin: Toxicity, Dosimetry, and Therapeutic Response. Cancer Biotherapy and Radiopharmaceuticals, 2011, 26, 603-614.	1.0	17
63	Feasibility of Eradication of Breast Cancer Cells Remaining in Postlumpectomy Cavity and Draining Lymph Nodes following Intracavitary Injection of Radioactive Immunoliposomes. Molecular Pharmaceutics, 2012, 9, 2513-2522.	4.6	17
64	Use of a more physiologic oral glucose solution during screening for gestational diabetes mellitus. American Journal of Obstetrics and Gynecology, 1994, 171, 685-691.	1.3	15
65	Techniques for Loading Technetium-99m and Rhenium-186/188 Radionuclides into Preformed Liposomes for Diagnostic Imaging and Radionuclide Therapy. Methods in Molecular Biology, 2017, 1522, 155-178.	0.9	15
66	Techniques for Loading Technetium-99m and Rhenium-186/188 Radionuclides into Pre-formed Liposomes for Diagnostic Imaging and Radionuclide Therapy. Methods in Molecular Biology, 2010, 606, 469-491.	0.9	15
67	ASSESSMENT OF LIPOSOME DELIVERY USING SCINTIGRAPHIC IMAGING. Journal of Liposome Research, 2002, 12, 71-80.	3.3	12
68	Mediastinal node and diaphragmatic targeting after intracavitary injection of avidin/99mTc-blue-biotin-liposome system. Journal of Pharmaceutical Sciences, 2006, 95, 207-224.	3.3	11
69	The â€œHot Noseâ€•Sign on Brain Death Nuclear Scintigraphy. Clinical Nuclear Medicine, 2008, 33, 55-57.	1.3	11
70	Postlumpectomy Focal Brachytherapy for Simultaneous Treatment of Surgical Cavity and Draining Lymph Nodes. International Journal of Radiation Oncology Biology Physics, 2011, 79, 948-955.	0.8	11
71	Radiobiological characterization of post-lumpectomy focal brachytherapy with lipid nanoparticle-carried radionuclides. Physics in Medicine and Biology, 2011, 56, 703-719.	3.0	10
72	Gastric emptying in ethnic populations: possible relationship to development of diabetes and metabolic syndrome. Ethnicity and Disease, 2006, 16, 682-92.	2.3	10

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73	Anterior, posterior, left anterior oblique, and geometric mean views in gastric emptying studies using a glucose solution. European Journal of Nuclear Medicine and Molecular Imaging, 1995, 22, 154-157.	2.1	9
74	Novel Asparagine-Derived Lipid Enhances Distearoylphosphatidylcholine Bilayer Resistance to Acidic Conditions. Langmuir, 2011, 27, 4447-4455.	3.5	9
75	Analysis of Sentinel Lymph Node Mapping With Immediate Pathologic Review in Patients Receiving Preoperative Chemotherapy for Breast Carcinoma. Annals of Surgical Oncology, 2002, 9, 243-247.	1.5	9
76	Post-lumpectomy intracavitary retention and lymph node targeting of 99mTc-encapsulated liposomes in nude rats with breast cancer xenograft. Breast Cancer Research and Treatment, 2011, 130, 97-107.	2.5	8
77	Teaching Radiology Resident Didactics Using Videoconferencing. Academic Radiology, 2006, 13, 1276-1285.	2.5	7
78	The Risk of Radiation Exposure to Laboratory Personnel. Laboratory Medicine, 1991, 22, 114-119.	1.2	6
79	Patient specific, imaging-informed modeling of rhenium-186 nanoliposome delivery via convection-enhanced delivery in glioblastoma multiforme. Biomedical Physics and Engineering Express, 2021, 7, 045012.	1.2	6
80	Evidence for a.c. fields produced by mammalian cells. Bioelectrochemistry, 1987, 17, 287-296.	1.0	5
81	Modulation of oxidative stability of haemoglobin inside liposome-encapsulated haemoglobin. Journal of Microencapsulation, 2013, 30, 471-478.	2.8	5
82	Circulation Profile of Technetium-99m Labeled Liposome Encapsulated Hemoglobin in a 10% or 50% Rat Hypovolemic Shock Model. Artificial Cells, Blood Substitutes, and Biotechnology, 1994, 22, 909-915.	0.9	4
83	Use of a More Physiologic Oral Glucose Solution During Testing for Gestational Diabetes Mellitus. American Journal of Clinical Pathology, 1992, 97, 831-835.	0.7	3
84	To Use or Not to Use 131I in Thyroid Cancer. Clinical Nuclear Medicine, 2018, 43, 670-671.	1.3	3
85	The Use of Scintigraphic Imaging During Liposome Drug Development. Journal of Pharmacy Practice, 2001, 14, 397-406.	1.0	2
86	Opposing glucose set points hypothesis of essential hypertension. Medical Hypotheses, 2006, 66, 22-37.	1.5	2
87	Liposome-Encapsulated Hemoglobin: History, Preparation and Evaluation. , 2006, , 501-513.		2
88	Spatial dose distributions in solid tumors from 186Re transported by liposomes using HS radiochromic media. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1039-1049.	6.4	2
89	Bioengineering and Imaging Research Opportunities Workshop V: A white paper on imaging and characterizing structure and function in native and engineered tissues. Medical Physics, 2008, 35, 3428-3435.	3.0	2
90	Radiolabeling of Liposomes for Scintigraphic Imaging. , 2006, , 169-185.		2

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91	Frequent Occurrence of Rapid as Well as Delayed Gastric Emptying of a Corn Flakes and Milk Meal in Clinical Patients With Gastrointestinal Symptoms. Clinical Nuclear Medicine, 2007, 32, 186-193.	1.3	1
92	Simultaneous Blood Glucose Monitoring During Gastric-Emptying Scintigraphy May Identify Unsuspected Abnormalities. Clinical Nuclear Medicine, 2018, 43, 411-419.	1.3	1
93	Liposome-Encapsulated Hemoglobin as an Artificial Oxygen Carrier. , 2006, , 63-91.		1
94	Nanoparticles for Targeting Lymphatics. , 2006, , 549-608.		1
95	Integrating quantitative imaging and computational modeling to predict the spatiotemporal distribution of 186Re nanoliposomes for recurrent glioblastoma treatment. , 2019, , .		1
96	Nasal and Parotid Blood Pool Activity Is Significantly Correlated with Metabolic Syndrome Components and Sleep Apnea. Metabolic Syndrome and Related Disorders, 0, , .	1.3	1
97	Unusual Cause of Entire Lung Ventilation-Perfusion Mismatch. Clinical Nuclear Medicine, 1989, 14, 464-467.	1.3	0
98	Response to Lipp and Schnedl. Diabetes Care, 1997, 20, 116-116.	8.6	0
99	Positron emission tomography and radiation oncology. AIP Conference Proceedings, 2001, , .	0.4	0
100	Nano Advantages in Diagnostic Imaging. Frontiers in Nanobiomedical Research, 2014, , 1-14.	0.1	0
101	Radiation-Induced Breast Cancer. Annals of Internal Medicine, 2016, 165, 451.	3.9	0
102	TECHNITIUM-99m-SESTAMIBI SCANNING (MIBI) CORRELATES WITH DISEASE ACTIVITY IN PATIENTS (PTS) WITH MULTIPLE MYELOMA UNDERGOING AUTOLOGOUS PERIPHERAL BLOOD STEM CELL TRANSPLANTATION (PBSCT).. Blood, 2004, 104, 2469-2469.	1.4	0
103	Long-Circulating Liposomes with Attached Diagnostic Moieties: Application for Gamma and MR Imaging. Fundamental Biomedical Technologies, 2008, , 431-456.	0.2	0
104	Use of Radiolabeled Liposomes for PEG-Liposome-Based Drug Targeting and Diagnostic Imaging Applications. , 1998, , 109-120.		0