

William T Phillips

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1556296/publications.pdf>

Version: 2024-02-01

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	Patient specific, imaging-informed modeling of rhenium-186 nanoliposome delivery via convection-enhanced delivery in glioblastoma multiforme. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 045012.	1.2	6
2	Integrating quantitative imaging and computational modeling to predict the spatiotemporal distribution of ¹⁸⁶ Re nanoliposomes for recurrent glioblastoma treatment. , 2019, , .		1
3	The BEIR VII Estimates of Low-Dose Radiation Health Risks Are Based on Faulty Assumptions and Data Analyses: A Call for Reassessment. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1017-1019.	5.0	50
4	Simultaneous Blood Glucose Monitoring During Gastric-Emptying Scintigraphy May Identify Unsuspected Abnormalities. <i>Clinical Nuclear Medicine</i> , 2018, 43, 411-419.	1.3	1
5	To Use or Not to Use ¹³¹ I in Thyroid Cancer. <i>Clinical Nuclear Medicine</i> , 2018, 43, 670-671.	1.3	3
6	Techniques for Loading Technetium-99m and Rhenium-186/188 Radionuclides into Preformed Liposomes for Diagnostic Imaging and Radionuclide Therapy. <i>Methods in Molecular Biology</i> , 2017, 1522, 155-178.	0.9	15
7	Radiation-Induced Breast Cancer. <i>Annals of Internal Medicine</i> , 2016, 165, 451.	3.9	0
8	Strategies for improving the intratumoral distribution of liposomal drugs in cancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 873-889.	5.0	34
9	Current controversies in the initial post-surgical radioactive iodine therapy for thyroid cancer: a narrative review. <i>Endocrine-Related Cancer</i> , 2014, 21, R473-R484.	3.1	36
10	Nano Advantages in Diagnostic Imaging. <i>Frontiers in Nanobiomedical Research</i> , 2014, , 1-14.	0.1	0
11	Biodistribution and lymph node retention of polysaccharide-based immunostimulating nanocapsules. <i>Vaccine</i> , 2014, 32, 1685-1692.	3.8	31
12	Image-guided interventional therapy for cancer with radiotherapeutic nanoparticles. <i>Advanced Drug Delivery Reviews</i> , 2014, 76, 39-59.	13.7	77
13	Liposomal formulations of poorly soluble camptothecin: drug retention and biodistribution. <i>Journal of Liposome Research</i> , 2013, 23, 70-81.	3.3	28
14	Modulation of oxidative stability of haemoglobin inside liposome-encapsulated haemoglobin. <i>Journal of Microencapsulation</i> , 2013, 30, 471-478.	2.8	5
15	Size discrimination in rat and mouse gastric emptying. <i>Biopharmaceutics and Drug Disposition</i> , 2013, 34, 107-124.	1.9	23
16	Assessment of Hepatic Fatty Infiltration Using Spectral Computed Tomography Imaging. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 134-141.	0.9	26
17	Rhenium-186 liposomes as convection-enhanced nanoparticle brachytherapy for treatment of glioblastoma. <i>Neuro-Oncology</i> , 2012, 14, 416-425.	1.2	71
18	Feasibility of Eradication of Breast Cancer Cells Remaining in Postlumpectomy Cavity and Draining Lymph Nodes following Intracavitary Injection of Radioactive Immunoliposomes. <i>Molecular Pharmaceutics</i> , 2012, 9, 2513-2522.	4.6	17

#	ARTICLE	IF	CITATIONS
19	Effect of intratumoral administration on biodistribution of ⁶⁴ Cu-labeled nanoshells. <i>International Journal of Nanomedicine</i> , 2012, 7, 2227.	6.7	57
20	Chemoradionuclide Therapy with ¹⁸⁶ Re-Labeled Liposomal Doxorubicin: Toxicity, Dosimetry, and Therapeutic Response. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2011, 26, 603-614.	1.0	17
21	Novel Asparagine-Derived Lipid Enhances Distearoylphosphatidylcholine Bilayer Resistance to Acidic Conditions. <i>Langmuir</i> , 2011, 27, 4447-4455.	3.5	9
22	Radiobiological characterization of post-lumpectomy focal brachytherapy with lipid nanoparticle-carried radionuclides. <i>Physics in Medicine and Biology</i> , 2011, 56, 703-719.	3.0	10
23	Bone marrow-targeted liposomal carriers. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 317-328.	5.0	37
24	Integrin $\alpha_v\beta_3$ -targeted gold nanoshells augment tumor vasculature-specific imaging and therapy. <i>International Journal of Nanomedicine</i> , 2011, 6, 259.	6.7	63
25	Post-lumpectomy intracavitary retention and lymph node targeting of ^{99m} Tc-encapsulated liposomes in nude rats with breast cancer xenograft. <i>Breast Cancer Research and Treatment</i> , 2011, 130, 97-107.	2.5	8
26	Postlumpectomy Focal Brachytherapy for Simultaneous Treatment of Surgical Cavity and Draining Lymph Nodes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 948-955.	0.8	11
27	Chemoradionuclide Therapy with ¹⁸⁶ Re-labeled Liposomal Doxorubicin in Combination with Radiofrequency Ablation for Effective Treatment of Head and Neck Cancer in a Nude Rat Tumor Xenograft Model. <i>Radiology</i> , 2011, 261, 813-823.	7.3	35
28	Remote-loading labeling of liposomes with ^{99m} Tc-BMEDA and its stability evaluation: effects of lipid formulation and pH/chemical gradient. <i>Journal of Liposome Research</i> , 2011, 21, 17-27.	3.3	23
29	In vivo PET imaging and biodistribution of radiolabeled gold nanoshells in rats with tumor xenografts. <i>International Journal of Pharmaceutics</i> , 2010, 395, 324-330.	5.2	102
30	Combination Radiofrequency Ablation and Intravenous Radiolabeled Liposomal Doxorubicin: Imaging and Quantification of Increased Drug Delivery to Tumors. <i>Radiology</i> , 2010, 255, 405-414.	7.3	45
31	Interventional Therapy of Head and Neck Cancer with Lipid Nanoparticle-carried Rhenium 186 Radionuclide. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 1271-1279.	0.5	51
32	Bone marrow-targeted liposomal carriers: a feasibility study in nonhuman primates. <i>Nanomedicine</i> , 2010, 5, 41-49.	3.3	22
33	Techniques for Loading Technetium-99m and Rhenium-186/188 Radionuclides into Pre-formed Liposomes for Diagnostic Imaging and Radionuclide Therapy. <i>Methods in Molecular Biology</i> , 2010, 606, 469-491.	0.9	15
34	Characterization and Cytotoxicity of Self-Organized Assemblies of Curcumin and Amphiphatic Poly(ethylene glycol). <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 202-208.	1.1	25
35	Intraoperative therapy with liposomal drug delivery: Retention and distribution in human head and neck squamous cell carcinoma xenograft model. <i>International Journal of Pharmaceutics</i> , 2009, 373, 156-164.	5.2	19
36	[¹⁸⁶ Re]Liposomal doxorubicin (Doxil): in vitro stability, pharmacokinetics, imaging and biodistribution in a head and neck squamous cell carcinoma xenograft model. <i>Nuclear Medicine and Biology</i> , 2009, 36, 515-524.	0.6	116

#	ARTICLE	IF	CITATIONS
37	Dynamic Imaging of Functionalized Multi-Walled Carbon Nanotube Systemic Circulation and Urinary Excretion. <i>Advanced Materials</i> , 2008, 20, 225-230.	21.0	196
38	Imaging of ¹⁸⁶ Re-liposome therapy in ovarian cancer xenograft model of peritoneal carcinomatosis. <i>Journal of Drug Targeting</i> , 2008, 16, 626-637.	4.4	24
39	Intraoperative ¹⁸⁶ Re-Liposome Radionuclide Therapy in a Head and Neck Squamous Cell Carcinoma Xenograft Positive Surgical Margin Model. <i>Clinical Cancer Research</i> , 2008, 14, 3975-3983.	7.0	45
40	Real-Time Iterative Monitoring of Radiofrequency Ablation Tumor Therapy with ¹⁵ O-Water PET Imaging. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1723-1729.	5.0	18
41	Bioengineering and Imaging Research Opportunities Workshop V: A white paper on imaging and characterizing structure and function in native and engineered tissues. <i>Medical Physics</i> , 2008, 35, 3428-3435.	3.0	2
42	The "Hot Nose" Sign on Brain Death Nuclear Scintigraphy. <i>Clinical Nuclear Medicine</i> , 2008, 33, 55-57.	1.3	11
43	Long-Circulating Liposomes with Attached Diagnostic Moieties: Application for Gamma and MR Imaging. <i>Fundamental Biomedical Technologies</i> , 2008, , 431-456.	0.2	0
44	Frequent Occurrence of Rapid as Well as Delayed Gastric Emptying of a Corn Flakes and Milk Meal in Clinical Patients With Gastrointestinal Symptoms. <i>Clinical Nuclear Medicine</i> , 2007, 32, 186-193.	1.3	1
45	Selective uptake of surface-modified phospholipid vesicles by bone marrow macrophages in vivo. <i>Biomaterials</i> , 2007, 28, 2655-2666.	11.4	68
46	Use of avidin/biotin-liposome system for enhanced peritoneal drug delivery in an ovarian cancer model. <i>International Journal of Pharmaceutics</i> , 2007, 337, 316-328.	5.2	50
47	Cerebral oxygen delivery by liposome-encapsulated hemoglobin: a positron-emission tomographic evaluation in a rat model of hemorrhagic shock. <i>Journal of Applied Physiology</i> , 2007, 103, 28-38.	2.5	41
48	Spatial dose distributions in solid tumors from ¹⁸⁶ Re transported by liposomes using HS radiochromic media. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 1039-1049.	6.4	2
49	Teaching Radiology Resident Didactics Using Videoconferencing. <i>Academic Radiology</i> , 2006, 13, 1276-1285.	2.5	7
50	Opposing glucose set points hypothesis of essential hypertension. <i>Medical Hypotheses</i> , 2006, 66, 22-37.	1.5	2
51	Setup and characterization of a human head and neck squamous cell carcinoma xenograft model in nude rats. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 135, 853-857.	1.9	27
52	Liposome-Encapsulated Hemoglobin: History, Preparation and Evaluation. , 2006, , 501-513.		2
53	Potential use of drug carried-liposomes for cancer therapy via direct intratumoral injection. <i>International Journal of Pharmaceutics</i> , 2006, 316, 162-169.	5.2	72
54	Mediastinal node and diaphragmatic targeting after intracavitary injection of avidin/ ^{99m} Tc-blue-biotin-liposome system. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 207-224.	3.3	11

#	ARTICLE	IF	CITATIONS
55	Liposome-Encapsulated Hemoglobin as an Artificial Oxygen Carrier. , 2006, , 63-91.		1
56	Radiolabeling of Liposomes for Scintigraphic Imaging. , 2006, , 169-185.		2
57	Nanoparticles for Targeting Lymphatics. , 2006, , 549-608.		1
58	Gastric emptying in ethnic populations: possible relationship to development of diabetes and metabolic syndrome. Ethnicity and Disease, 2006, 16, 682-92.	2.3	10
59	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
60	Direct ^{99m} Tc 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
61	Neutral and Anionic Liposome-Encapsulated Hemoglobin: Effect of Postinserted Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Pharmacology and Experimental Therapeutics, 2004, 309, 241-248.	2.5	91
62	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
63	Kinetics of liposome-encapsulated hemoglobin after 25% hypovolemic exchange transfusion. International Journal of Pharmaceutics, 2004, 283, 53-62.	5.2	21
64	Theoretical study of the influence of a heterogeneous activity distribution on intratumoral absorbed dose distribution. Medical Physics, 2004, 32, 200-208.	3.0	19
65	Pharmacokinetics and biodistribution of [¹¹¹ In]-avidin and [^{99m} Tc]-biotin-liposomes injected in the pleural space for the targeting of mediastinal nodes. Nuclear Medicine and Biology, 2004, 31, 41-51.	0.6	28
66	TECHNETIUM-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
67	A Novel Liposome Radiolabeling Method Using ^{99m} Tc-â€œSNS/Sâ€™-Complexes: In Vitro and In Vivo Evaluation. Journal of Pharmaceutical Sciences, 2003, 92, 1893-1904.	3.3	70
68	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
69	[^{99m} Tc] liposomes for localizing experimental colitis in arabbit model. Nuclear Medicine and Biology, 2003, 30, 159-168.	0.6	17
70	¹⁸⁶ Re-liposome labeling using ¹⁸⁶ Re-SNS/S complexes: in vitro stability, imaging, and biodistribution in rats. Journal of Nuclear Medicine, 2003, 44, 1992-9.	5.0	66
71	ASSESSMENT OF LIPOSOME DELIVERY USING SCINTIGRAPHIC IMAGING. Journal of Liposome Research, 2002, 12, 71-80.	3.3	12
72	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

#	ARTICLE	IF	CITATIONS
73	Accumulation of PEG-liposomes in the Inflamed Colon of Rats: Potential for Therapeutic and Diagnostic Targeting of Inflammatory Bowel Diseases. <i>Journal of Drug Targeting</i> , 2002, 10, 419-427.	4.4	32
74	Analysis of sentinel lymph node mapping with immediate pathologic review in patients receiving preoperative chemotherapy for breast carcinoma. <i>Annals of Surgical Oncology</i> , 2002, 9, 243-247.	1.5	99
75	Analysis of Sentinel Lymph Node Mapping With Immediate Pathologic Review in Patients Receiving Preoperative Chemotherapy for Breast Carcinoma. <i>Annals of Surgical Oncology</i> , 2002, 9, 243-247.	1.5	9
76	Evaluation of [^{99m} Tc] liposomes as lymphoscintigraphic agents: comparison with [^{99m} Tc] sulfur colloid and [^{99m} Tc] human serum albumin. <i>Nuclear Medicine and Biology</i> , 2001, 28, 435-444.	0.6	24
77	Positron emission tomography and radiation oncology. <i>AIP Conference Proceedings</i> , 2001, , .	0.4	0
78	The Use of Scintigraphic Imaging During Liposome Drug Development. <i>Journal of Pharmacy Practice</i> , 2001, 14, 397-406.	1.0	2
79	Delivery of gamma-imaging agents by liposomes. <i>Advanced Drug Delivery Reviews</i> , 1999, 37, 13-32.	13.7	96
80	Dual Radiolabeled Liposomes: Biodistribution Studies and Localization of Focal Sites of Infection in Rats. <i>Nuclear Medicine and Biology</i> , 1998, 25, 155-160.	0.6	39
81	Repeat Injection Studies of Technetium-99M-Labeled Peg-Liposomes in the Same Animal. <i>Journal of Liposome Research</i> , 1998, 8, 265-281.	3.3	24
82	Use of Radiolabeled Liposomes for PEG-Liposome-Based Drug Targeting and Diagnostic Imaging Applications. , 1998, , 109-120.		0
83	Response to Lipp and Schnedl. <i>Diabetes Care</i> , 1997, 20, 116-116.	8.6	0
84	Role of Complement in Rats Injected with Liposome-Encapsulated Hemoglobin. <i>Journal of Surgical Research</i> , 1997, 68, 99-105.	1.6	17
85	Accelerated gastric emptying of glucose in Zucker type 2 diabetic rats: role in postprandial hyperglycaemia. <i>Diabetologia</i> , 1997, 40, 136-142.	6.3	39
86	Gastric emptying of beer in Mexican-Americans compared with non-hispanic whites. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 1174-1178.	3.4	20
87	Rapid Gastric Emptying of a Solid Pancake Meal in Type II Diabetic Patients. <i>Diabetes Care</i> , 1996, 19, 468-471.	8.6	111
88	PHYSIOLOGICAL RESPONSES, ORGAN DISTRIBUTION, AND CIRCULATION KINETICS IN ANESTHETIZED RATS AFTER HYPOVOLEMIC EXCHANGE TRANSFUSION WITH TECHNETIUM-99m-LABELED LIPOSOME-ENCAPSULATED HEMOGLOBIN. <i>Shock</i> , 1995, 4, 121-130.	2.1	20
89	Anterior, posterior, left anterior oblique, and geometric mean views in gastric emptying studies using a glucose solution. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1995, 22, 154-157.	2.1	9
90	Gastric emptying in Mexican Americans compared to non-Hispanic whites. <i>Digestive Diseases and Sciences</i> , 1995, 40, 624-630.	2.3	44

#	ARTICLE	IF	CITATIONS
91	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. <i>Diabetes Care</i> , 1994, 17, 255-262.	8.6	54
92	Use of a more physiologic oral glucose solution during screening for gestational diabetes mellitus. <i>American Journal of Obstetrics and Gynecology</i> , 1994, 171, 685-691.	1.3	15
93	Circulation Profile of Technetium-99m Labeled Liposome Encapsulated Hemoglobin in a 10% or 50% Rat Hypovolemic Shock Model. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1994, 22, 909-915.	0.9	4
94	Circulation persistence and biodistribution of lyophilized liposome-encapsulated hemoglobin: An oxygen-carrying resuscitative fluid. <i>Critical Care Medicine</i> , 1994, 22, 142-150.	0.9	24
95	Reduced postprandial blood glucose levels in recently diagnosed non-insulin-dependent diabetics secondary to pharmacologically induced delayed gastric emptying. <i>Digestive Diseases and Sciences</i> , 1993, 38, 51-58.	2.3	47
96	Effect of sympathetic block demonstrated by triple-phase bone scan. <i>Journal of Hand Surgery</i> , 1993, 18, 860-864.	1.6	30
97	Use of a More Physiologic Oral Glucose Solution During Testing for Gestational Diabetes Mellitus. <i>American Journal of Clinical Pathology</i> , 1992, 97, 831-835.	0.7	3
98	A simple method for producing a technetium-99m-labeled liposome which is stable In Vivo. <i>International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology</i> , 1992, 19, 539-547.	0.3	80
99	The Risk of Radiation Exposure to Laboratory Personnel. <i>Laboratory Medicine</i> , 1991, 22, 114-119.	1.2	6
100	In vivo biodistribution of a radiolabeled blood substitute: 99mTc-labeled liposome-encapsulated hemoglobin in an anesthetized rabbit.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 10976-10980.	7.1	92
101	Linear gastric emptying of hyperosmolar glucose solutions. <i>Journal of Nuclear Medicine</i> , 1991, 32, 377-81.	5.0	26
102	Unusual Cause of Entire Lung Ventilation-Perfusion Mismatch. <i>Clinical Nuclear Medicine</i> , 1989, 14, 464-467.	1.3	0
103	Evidence for a.c. fields produced by mammalian cells. <i>Bioelectrochemistry</i> , 1987, 17, 287-296.	1.0	5
104	Nasal and Parotid Blood Pool Activity Is Significantly Correlated with Metabolic Syndrome Components and Sleep Apnea. <i>Metabolic Syndrome and Related Disorders</i> , 0, , .	1.3	1