

Lars H Lindner

List of Publications by Year in descending order

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84
papers

4,216
citations

185998

28
h-index

110170

64
g-index

87
all docs

87
docs citations

87
times ranked

4892
citing authors

#	ARTICLE	IF	CITATIONS
1	Neo-adjuvant chemotherapy alone or with regional hyperthermia for localised high-risk soft-tissue sarcoma: a randomised phase 3 multicentre study. <i>Lancet Oncology</i> , The, 2010, 11, 561-570.	5.1	576
2	Overcoming Limitations in Nanoparticle Drug Delivery: Triggered, Intravascular Release to Improve Drug Penetration into Tumors. <i>Cancer Research</i> , 2012, 72, 5566-5575.	0.4	398
3	Novel Temperature-Sensitive Liposomes with Prolonged Circulation Time. <i>Clinical Cancer Research</i> , 2004, 10, 2168-2178.	3.2	244
4	Hyperthermia and Thermosensitive Liposomes for Improved Delivery of Chemotherapeutic Drugs to Solid Tumors. <i>Pharmaceutical Research</i> , 2010, 27, 1750-1754.	1.7	233
5	Effect of Neoadjuvant Chemotherapy Plus Regional Hyperthermia on Long-term Outcomes Among Patients With Localized High-Risk Soft Tissue Sarcoma. <i>JAMA Oncology</i> , 2018, 4, 483.	3.4	227
6	Thermosensitive liposomal drug delivery systems: state of the art review. <i>International Journal of Nanomedicine</i> , 2014, 9, 4387.	3.3	203
7	Triggered content release from optimized stealth thermosensitive liposomes using mild hyperthermia. <i>Journal of Controlled Release</i> , 2010, 143, 274-279.	4.8	192
8	In vitro stability and content release properties of phosphatidylglyceroglycerol containing thermosensitive liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2491-2499.	1.4	112
9	Survival Outcomes Associated With 3 Years vs 1 Year of Adjuvant Imatinib for Patients With High-Risk Gastrointestinal Stromal Tumors. <i>JAMA Oncology</i> , 2020, 6, 1241.	3.4	111
10	Response to Neoadjuvant Chemotherapy Combined With Regional Hyperthermia Predicts Long-Term Survival for Adult Patients With Retroperitoneal and Visceral High-Risk Soft Tissue Sarcomas. <i>Journal of Clinical Oncology</i> , 2002, 20, 3156-3164.	0.8	110
11	Size of thermosensitive liposomes influences content release. <i>Journal of Controlled Release</i> , 2010, 147, 436-443.	4.8	106
12	Cationic Thermosensitive Liposomes: A Novel Dual Targeted Heat-Triggered Drug Delivery Approach for Endothelial and Tumor Cells. <i>Nano Letters</i> , 2013, 13, 2324-2331.	4.5	105
13	External Beam Radiation Therapy for Resectable Soft Tissue Sarcoma: A Systematic Review and Meta-Analysis. <i>Annals of Surgical Oncology</i> , 2018, 25, 754-767.	0.7	95
14	Hallmarks of hyperthermia in driving the future of clinical hyperthermia as targeted therapy: translation into clinical application. <i>International Journal of Hyperthermia</i> , 2016, 32, 89-95.	1.1	84
15	Nanomedicine-based strategies for treatment of atherosclerosis. <i>Trends in Molecular Medicine</i> , 2014, 20, 271-281.	3.5	79
16	Dual role of hexadecylphosphocholine (miltefosine) in thermosensitive liposomes: Active ingredient and mediator of drug release. <i>Journal of Controlled Release</i> , 2008, 125, 112-120.	4.8	67
17	Survival and prognostic factors in conventional central chondrosarcoma. <i>BMC Cancer</i> , 2018, 18, 849.	1.1	66
18	Proteins and cholesterol lipid vesicles are mediators of drug release from thermosensitive liposomes. <i>Journal of Controlled Release</i> , 2012, 162, 400-406.	4.8	63

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19	Randomized Comparison of Pazopanib and Doxorubicin as First-Line Treatment in Patients With Metastatic Soft Tissue Sarcoma Age 60 Years or Older: Results of a German Intergroup Study. <i>Journal of Clinical Oncology</i> , 2020, 38, 3555-3564.	0.8	56
20	Myxoid liposarcoma: local relapse and metastatic pattern in 43 patients. <i>BMC Cancer</i> , 2018, 18, 304.	1.1	54
21	Hyperthermia-Induced Targeting of Thermosensitive Gene Carriers to Tumors. <i>Human Gene Therapy</i> , 2008, 19, 1283-1292.	1.4	51
22	Gemcitabine Treatment of Rat Soft Tissue Sarcoma with Phosphatidylglycerol-Based Thermosensitive Liposomes. <i>Pharmaceutical Research</i> , 2014, 31, 2276-2286.	1.7	50
23	Method of hyperthermia and tumor size influence effectiveness of doxorubicin release from thermosensitive liposomes in experimental tumors. <i>Journal of Controlled Release</i> , 2016, 222, 47-55.	4.8	50
24	Surrogate MRI markers for hyperthermia-induced release of doxorubicin from thermosensitive liposomes in tumors. <i>Journal of Controlled Release</i> , 2016, 237, 138-146.	4.8	40
25	MR Characterization of Mild Hyperthermia-Induced Gadodiamide Release From Thermosensitive Liposomes in Solid Tumors. <i>Investigative Radiology</i> , 2008, 43, 877-892.	3.5	39
26	A comparative view on the expression patterns of PD-L1 and PD-1 in soft tissue sarcomas. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1353-1362.	2.0	34
27	Prognostic factors for soft tissue sarcoma patients with lung metastases only who are receiving first-line chemotherapy: An exploratory, retrospective analysis of the European Organization for Research and Treatment of Cancer Soft Tissue and Bone Sarcoma Group (EORTC-ESTBSG). <i>International Journal of Cancer</i> , 2018, 142, 2610-2620.	2.3	32
28	PET Response Criteria in Solid Tumors Predicts Progression-Free Survival and Time to Local or Distant Progression After Chemotherapy with Regional Hyperthermia for Soft-Tissue Sarcoma. <i>Journal of Nuclear Medicine</i> , 2015, 56, 530-537.	2.8	31
29	Complete pathological response to neoadjuvant treatment is associated with better survival outcomes in patients with soft tissue sarcoma: Results of a retrospective multicenter study. <i>European Journal of Surgical Oncology</i> , 2021, 47, 2166-2172.	0.5	29
30	Hyperthermia in soft tissue sarcoma. <i>Current Treatment Options in Oncology</i> , 2011, 12, 12-20.	1.3	27
31	Non-ionic Gd-based MRI contrast agents are optimal for encapsulation into phosphatidylglycerol-based thermosensitive liposomes. <i>Journal of Controlled Release</i> , 2013, 166, 22-29.	4.8	27
32	Pre- and Postoperative Chemotherapy in Localized Extremity Soft Tissue Sarcoma: A European Organization for Research and Treatment of Cancer Expert Survey. <i>Oncologist</i> , 2018, 23, 461-467.	1.9	27
33	Quantitative, Multi-institutional Evaluation of MR Thermometry Accuracy for Deep-Pelvic MR-Hyperthermia Systems Operating in Multi-vendor MR-systems Using a New Anthropomorphic Phantom. <i>Cancers</i> , 2019, 11, 1709.	1.7	27
34	The Effect of Resection Margin on Local Recurrence and Survival in High Grade Soft Tissue Sarcoma of the Extremities: How Far Is Far Enough?. <i>Cancers</i> , 2020, 12, 2560.	1.7	25
35	The role of surgical margins in atypical Lipomatous Tumours of the extremities. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 152.	0.8	24
36	Structural variation of cationic lipids: Minimum requirement for improved oligonucleotide delivery into cells. <i>Journal of Controlled Release</i> , 2006, 110, 444-456.	4.8	23

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37	<i>In vitro</i> characterization of phosphatidylglycerol-based thermosensitive liposomes with encapsulated ¹ H MR T ₁ -shortening gadodiamide. <i>Contrast Media and Molecular Imaging</i> , 2008, 3, 19-26.	0.4	23
38	A pilot trial of doxorubicin containing phosphatidylglycerol based thermosensitive liposomes in spontaneous feline soft tissue sarcoma. <i>International Journal of Hyperthermia</i> , 2017, 33, 178-190.	1.1	22
39	Desmoid Tumours of the extremity and trunk. A retrospective study of 44 patients. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 2.	0.8	21
40	Neoadjuvant Chemoradiation Combined with Regional Hyperthermia in Locally Advanced or Recurrent Rectal Cancer. <i>Cancers</i> , 2021, 13, 1279.	1.7	21
41	Effective control of tumor growth through spatial and temporal control of theranostic sodium iodide symporter (<i>NIS</i>) gene expression using a heat-inducible gene promoter in engineered mesenchymal stem cells. <i>Theranostics</i> , 2020, 10, 4490-4506.	4.6	19
42	Hypoxia-activated prodrug: an appealing preclinical concept yet lost in clinical translation. <i>Lancet Oncology</i> , 2017, 18, 991-993.	5.1	18
43	Effects of Surface Charge, PEGylation and Functionalization with Dipalmitoylphosphatidylglycerol on Liposome-Cell Interactions and Local Drug Delivery to Solid Tumors via Thermosensitive Liposomes. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4045-4061.	3.3	18
44	Hyperthermia-induced doxorubicin delivery from thermosensitive liposomes via MR-HIFU in a pig model. <i>Journal of Controlled Release</i> , 2022, 343, 798-812.	4.8	18
45	Cancer Testis Antigens and Immunotherapy: Expression of PRAME Is Associated with Prognosis in Soft Tissue Sarcoma. <i>Cancers</i> , 2020, 12, 3612.	1.7	17
46	DPPG2-Based Thermosensitive Liposomes with Encapsulated Doxorubicin Combined with Hyperthermia Lead to Higher Doxorubicin Concentrations in the Bladder Compared to Conventional Application in Pigs: A Rationale for the Treatment of Muscle-Invasive Bladder Cancer. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 75-88.	3.3	17
47	Efficacy of Pazopanib With or Without Gemcitabine in Patients With Anthracycline- and/or Ifosfamide-Refractory Soft Tissue Sarcoma. <i>JAMA Oncology</i> , 2021, 7, 255.	3.4	17
48	Hyperthermia induced targeting of thermosensitive gene carriers to tumors. <i>Human Gene Therapy</i> , 2008, 19, 081015093227032.	1.4	17
49	Transcriptome based individualized therapy of refractory pediatric sarcomas: feasibility, tolerability and efficacy. <i>Oncotarget</i> , 2018, 9, 20747-20760.	0.8	17
50	Factors affecting drug release from liposomes. <i>Current Opinion in Drug Discovery & Development</i> , 2010, 13, 111-23.	1.9	17
51	Survival and prognostic factors in conventional G1 chondrosarcoma. <i>World Journal of Surgical Oncology</i> , 2019, 17, 155.	0.8	16
52	Regional Hyperthermia Enhances Mesenchymal Stem Cell Recruitment to Tumor Stroma: Implications for Mesenchymal Stem Cell-Based Tumor Therapy. <i>Molecular Therapy</i> , 2021, 29, 788-803.	3.7	16
53	Treatment of Angiosarcoma with Pazopanib and Paclitaxel: Results of the EVA (Evaluation of) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Cancers</i> , 2021, 13, 1223.	1.7	15
54	Pharmacokinetics and biodistribution of Erufosine in nude mice - implications for combination with radiotherapy. <i>Radiation Oncology</i> , 2009, 4, 46.	1.2	14

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55	Hyperthermia adds to trabectedin effectiveness and thermal enhancement is associated with BRCA2 degradation and impairment of DNA homologous recombination repair. <i>International Journal of Cancer</i> , 2016, 139, 467-479.	2.3	14
56	Quantification of erufosine, the first intravenously applicable alkylphosphocholine, in human plasma by isotope dilution liquid chromatography-tandem mass spectrometry using a deuterated internal standard. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 869, 16-19.	1.2	13
57	Perioperative chemotherapy and regional hyperthermia for high-risk adult-type soft tissue sarcomas. <i>European Journal of Cancer</i> , 2021, 147, 164-169.	1.3	13
58	A Heat-Activated Drug-Delivery Platform Based on Phosphatidyl-(oligo)-glycerol Nanocarrier for Effective Cancer Treatment. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000089.	1.7	12
59	Mechanistic investigation of thermosensitive liposome immunogenicity and understanding the drivers for circulation half-life: A polyethylene glycol versus 1,2-dipalmitoyl-sn-glycero-3-phosphodiglycerol study. <i>Journal of Controlled Release</i> , 2021, 333, 1-15.	4.8	12
60	Randomized comparison of pazopanib (PAZ) and doxorubicin (DOX) in the first line treatment of metastatic soft tissue sarcoma (STS) in elderly patients (pts): Results of a phase II study (EPAZ).. <i>Journal of Clinical Oncology</i> , 2018, 36, 11506-11506.	0.8	11
61	Immune infiltrates in patients with localised high-risk soft tissue sarcoma treated with neoadjuvant chemotherapy without or with regional hyperthermia: A translational research program of the EORTC 62961-ESHO 95 randomised clinical trial. <i>European Journal of Cancer</i> , 2021, 158, 123-132.	1.3	11
62	Effects of ionizing radiation in combination with Erufosine on T98G glioblastoma xenograft tumours: a study in NMRI nu/nu mice. <i>Radiation Oncology</i> , 2012, 7, 172.	1.2	9
63	Amputation for Extremity Sarcoma: Indications and Outcomes. <i>Cancers</i> , 2021, 13, 5125.	1.7	9
64	Systemic antitumor effect by regional hyperthermia combined with low-dose chemotherapy and immunologic correlates in an adolescent patient with rhabdomyosarcoma – a case report. <i>International Journal of Hyperthermia</i> , 2020, 37, 55-65.	1.1	8
65	A novel immune-related gene signature predicting survival in sarcoma patients. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 114-126.	2.0	8
66	Susceptibility artifact correction in MR thermometry for monitoring of mild radiofrequency hyperthermia using total field inversion. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 120-132.	1.9	7
67	Ifosfamide, Carboplatin, and Etoposide (ICE) in Combination with Regional Hyperthermia as Salvage Therapy in Patients with Locally Advanced Nonmetastatic and Metastatic Soft-Tissue Sarcoma. <i>Sarcoma</i> , 2020, 2020, 1-10.	0.7	6
68	Neo-adjuvant chemotherapy alone or with regional hyperthermia for soft-tissue sarcoma – Authors' reply. <i>Lancet Oncology</i> , The, 2017, 18, e630.	5.1	5
69	A multi-institution study: comparison of the heating patterns of five different MR-guided deep hyperthermia systems using an anthropomorphic phantom. <i>International Journal of Hyperthermia</i> , 2020, 37, 1103-1115.	1.1	5
70	Expression Patterns of TOP2A and SIRT1 Are Predictive of Survival in Patients with High-Risk Soft Tissue Sarcomas Treated with a Neoadjuvant Anthracycline-Based Chemotherapy. <i>Cancers</i> , 2021, 13, 4877.	1.7	5
71	18F-FDG PET/CT for Monitoring of Disease Progression in Metastatic Perivascular Epithelioid Cell Tumor. <i>Clinical Nuclear Medicine</i> , 2021, 46, 156-158.	0.7	4
72	Impact of Dynamic Contrast Enhanced and Diffusion-Weighted MR Imaging on Detection of Early Local Recurrence of Soft Tissue Sarcoma. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 622-630.	1.9	4

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73	DPPG2-based thermosensitive liposomes as drug delivery system for effective muscle-invasive bladder cancer treatment in vivo. International Journal of Hyperthermia, 2021, 38, 1415-1424.	1.1	3
74	Pazopanib vs pazopanib + gemcitabine in refractory soft tissue sarcoma: A randomized phase II trial of the AIO. Journal of Clinical Oncology, 2016, 34, 11004-11004.	0.8	3
75	Three versus one year of adjuvant imatinib for high-risk gastrointestinal stromal tumor (GIST): Survival analysis of a randomized trial after 10 years of follow-up. Journal of Clinical Oncology, 2020, 38, 11503-11503.	0.8	3
76	Evaluation of release and pharmacokinetics of hexadecylphosphocholine (miltefosine) in phosphatidylglycerol-based thermosensitive liposomes. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183698.	1.4	2
77	A randomized phase II study of durvalumab and tremelimumab compared to doxorubicin in patients with advanced or metastatic soft tissue sarcoma (MEDISARC, AIO-STS 0415). Journal of Clinical Oncology, 2019, 37, TPS11075-TPS11075.	0.8	2
78	VISTA in Soft Tissue Sarcomas: A Perspective for Immunotherapy?. Cancers, 2022, 14, 1006.	1.7	2
79	Regional Hyperthermia With Neoadjuvant Chemotherapy for Treatment of Soft Tissue Sarcoma—Reply. JAMA Oncology, 2019, 5, 114.	3.4	1
80	Primary Chemotherapy in a 47-Year-Old Patient with Giant Ulcerative and Necrotizing Nonseminomatous Testicular Germ Cell Tumor. Case Reports in Oncology, 2021, 14, 681-689.	0.3	1
81	Effect of crizotinib on disease control in patient with advanced papillary renal cell carcinoma type 1 with MET mutations or amplification: Final results of EORTC 90101 CREATE. Journal of Clinical Oncology, 2018, 36, 580-580.	0.8	1
82	Activity and safety of crizotinib in patients with advanced, metastatic alveolar soft part sarcoma (ASPS) with rearrangement of TFE3: European Organization for Research and Treatment of Cancer (EORTC) phase 2 trial 90101 CREATE. Journal of Clinical Oncology, 2018, 36, 11540-11540.	0.8	1
83	Erucylphosphocholine, the First Intravenously Applicable Alkylphosphocholine, Induces Cell Cycle Arrest, Apoptosis, and Synergizes with Chemotherapeutic Drugs in Acute Myelogenous Leukemia Cells—a Novel Therapeutic Approach for Leukemia. Blood, 2008, 112, 1330-1330.	0.6	0
84	SUN-120 Regional Hyperthermia Enhances Selective Mesenchymal Stem Cell Migration Towards the Tumor Stroma. Journal of the Endocrine Society, 2020, 4, .	0.1	0