

Yechezkel Barenholz

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,291
citations

567281

15
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

7225
citing authors

#	ARTICLE	IF	CITATIONS
1	Doxil® " The first FDA-approved nano-drug: Lessons learned. <i>Journal of Controlled Release</i> , 2012, 160, 117-134.	9.9	3,356
2	Liposomes: Preparation, Characterization, and Preservation. <i>Methods of Biochemical Analysis</i> , 2006, 33, 337-462.	0.2	196
3	Phosphatidylserine in the outer leaflet of red blood cells from β -thalassemia patients may explain the chronic hypercoagulable state and thrombotic episodes. <i>American Journal of Hematology</i> , 1993, 44, 63-65.	4.1	147
4	Chiral DNA packaging in DNA-cationic liposome assemblies. <i>FEBS Letters</i> , 1999, 457, 419-422.	2.8	97
5	Effect of Sphingomyelin Composition on the Phase Structure of Phosphatidylcholine-Sphingomyelin Bilayers. <i>Biochemistry</i> , 1997, 36, 2507-2516.	2.5	74
6	Quantitative structure - property relationship modeling of remote liposome loading of drugs. <i>Journal of Controlled Release</i> , 2012, 160, 147-157.	9.9	73
7	New drug candidates for liposomal delivery identified by computer modeling of liposomes' remote loading and leakage. <i>Journal of Controlled Release</i> , 2017, 252, 18-27.	9.9	53
8	Computer-aided design of liposomal drugs: In silico prediction and experimental validation of drug candidates for liposomal remote loading. <i>Journal of Controlled Release</i> , 2014, 173, 125-131.	9.9	39
9	Preparation and characterization of doxorubicin-loaded sterically stabilized immunoliposomes. <i>Pharmaceutical Research</i> , 1996, 13, 352-359.	3.5	33
10	Influence of lipid composition on the thermotropic behavior and size distribution of mixed cationic liposomes. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 46-53.	9.4	32
11	Coencapsulation of alendronate and doxorubicin in pegylated liposomes: a novel formulation for chemoimmunotherapy of cancer. <i>Journal of Drug Targeting</i> , 2016, 24, 878-889.	4.4	28
12	Quantitative Cryo-TEM Reveals New Structural Details of Doxil-Like PEGylated Liposomal Doxorubicin Formulation. <i>Pharmaceutics</i> , 2021, 13, 123.	4.5	28
13	Liposomal mupirocin holds promise for systemic treatment of invasive <i>Staphylococcus aureus</i> infections. <i>Journal of Controlled Release</i> , 2019, 316, 292-301.	9.9	27
14	Breaking the Third Wall: Implementing 3D-Printing Techniques to Expand the Complexity and Abilities of Multi-Organ-on-a-Chip Devices. <i>Micromachines</i> , 2021, 12, 627.	2.9	23
15	Effect of Solubilizing Agents on Mupirocin Loading into and Release from PEGylated Nanoliposomes. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2131-2138.	3.3	19
16	Efficacy evaluation of a novel submicron miconazole emulsion in a murine cryptococcosis model. <i>Pharmaceutical Research</i> , 1995, 12, 223-230.	3.5	14
17	Nano-mupirocin: enabling the parenteral activity of mupirocin. <i>European Journal of Nanomedicine</i> , 2016, 8, 139-149.	0.6	11
18	PEGylated Liposomes Remotely Loaded with the Combination of Doxorubicin, Quinine, and Indocyanine Green Enable Successful Treatment of Multidrug-Resistant Tumors. <i>Pharmaceutics</i> , 2021, 13, 2181.	4.5	11

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19	Effect of the ammonium salt anion on the structure of doxorubicin complex and PEGylated liposomal doxorubicin nanodrugs. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129849.	2.4	8
20	A Case Report of Subcutaneously Injected Liposomal Cannabidiol Formulation Used as a Compassion Therapy for Pain Management in a Dog. <i>Frontiers in Veterinary Science</i> , 2022, 9, 892306.	2.2	8
21	<i>In Vitro</i> Susceptibility of <i>Neisseria gonorrhoeae</i> Strains to Mupirocin, an Antibiotic Reformulated for Parenteral Administration in Nanoliposomes. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	7
22	Therapeutic Potential of Injectable Nano-Mupirocin Liposomes for Infections Involving Multidrug-Resistant Bacteria. <i>Pharmaceutics</i> , 2021, 13, 2186.	4.5	5
23	Effect of major tumor metabolites on release of doxorubicin from Doxil – implications for precision nano-medicine.. <i>Precision Nanomedicine</i> , 2020, 3, .	0.8	2
24	Amidothionophosphates: Novel Antioxidant Molecules. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996, 111, 75-75.	1.6	0