

# Thomas Nawroth

## List of Publications by Year in descending order

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27  
papers

1,907  
citations

566801

15  
h-index

525886

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

3652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle Size Is a Critical Physicochemical Determinant of the Human Blood Plasma Corona: A Comprehensive Quantitative Proteomic Analysis. <i>ACS Nano</i> , 2011, 5, 7155-7167.	7.3	749
2	Targeting cancer cells: magnetic nanoparticles as drug carriers. <i>European Biophysics Journal</i> , 2006, 35, 446-450.	1.2	327
3	A comparative study of the physicochemical properties of iron isomaltoside 1000 (Monofer <sup>®</sup> ), a new intravenous iron preparation and its clinical implications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 78, 480-491.	2.0	220
4	Determination of cell survival after irradiation via clonogenic assay versus multiple MTT Assay - A comparative study. <i>Radiation Oncology</i> , 2012, 7, 1.	1.2	210
5	Hyperbranched Polyglycerol-Based Lipids via Oxyanionic Polymerization: Toward Multifunctional Stealth Liposomes. <i>Biomacromolecules</i> , 2010, 11, 568-574.	2.6	78
6	Liposome Formation from Bile Salt <sup>®</sup> "Lipid Micelles in the Digestion and Drug Delivery Model FaSSIF <sub>mod</sub> " Estimated by Combined Time-Resolved Neutron and Dynamic Light Scattering. <i>Molecular Pharmaceutics</i> , 2011, 8, 2162-2172.	2.3	41
7	Iron Oxide/Hydroxide Nanoparticles with Negatively Charged Shells Show Increased Uptake in Caco-2 Cells. <i>Molecular Pharmaceutics</i> , 2012, 9, 1628-1637.	2.3	39
8	Comparison of Dialysis and Dispersion Methods for In Vitro Release Determination of Drugs from Multilamellar Liposomes. <i>Dissolution Technologies</i> , 2008, 15, 7-10.	0.2	32
9	Cellular uptake and in vitro antitumor efficacy of composite liposomes for neutron capture therapy. <i>Radiation Oncology</i> , 2015, 10, 52.	1.2	25
10	Time-dependent monomerization of bacteriorhodopsin in triton X-100 solutions analyzed by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1984, 285, 333-341.	1.8	21
11	Fasted-State Simulated Intestinal Fluid "FaSSIF-C", a Cholesterol Containing Intestinal Model Medium for In Vitro Drug Delivery Development. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2213-2224.	1.6	19
12	Formation of specific amino acid sequences during carbodiimide-mediated condensation of amino acids in aqueous solution, and computer-simulated sequence generation. <i>Origins of Life and Evolution of Biospheres</i> , 1984, 14, 213-220.	0.6	17
13	Orientation <sup>®</sup> Selective Incorporation of Transmembrane F <sub>0</sub> F <sub>1</sub> ATP Synthase Complex from <i>Micrococcus luteus</i> in Polymer <sup>®</sup> Supported Membranes. <i>Macromolecular Bioscience</i> , 2008, 8, 1034-1043.	2.1	16
14	Hemin-coupled iron(III)-hydroxide nanoparticles show increased uptake in Caco-2 cells. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 1522-1530.	1.2	16
15	Neutron Small Angle Scattering of Matched Proteoliposomes with Incorporated FOF1ATPase Complex from <i>Rhodospirillum rubrum</i> FR1. An Approach to the Structure of Membrane Proteins in their Natural Environment. <i>Hoppe-Seyler's Zeitschrift für Physiologische Chemie</i> , 1983, 364, 923-932.	1.7	15
16	Purification of ATP synthase from beef heart mitochondria (FoF1) and co-reconstitution with monomeric bacteriorhodopsin into liposomes capable of light-driven ATP synthesis. <i>FEBS Journal</i> , 1993, 218, 377-383.	0.2	13
17	Magnetic liposomes and entrapment: time-resolved neutron scattering TR-SANS and electron microscopy. <i>Physica B: Condensed Matter</i> , 2004, 350, E635-E638.	1.3	12
18	ATP synthesis and hydrolysis of the ATP-synthase from <i>Micrococcus luteus</i> regulated by an inhibitor subunit and membrane energization. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1186, 43-51.	0.5	11

#	ARTICLE	IF	CITATIONS
19	A Novel Disintegration Tester for Solid Dosage Forms Enabling Adjustable Hydrodynamics. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2402-2409.	1.6	11
20	Nanoparticle structure development in the gastro-intestinal model fluid FaSSIFmod6.5 from several phospholipids at various water content relevant for oral drug administration. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 1155-1166.	1.0	8
21	Isolation and partial characterization of a cytochrome-o complex from chromatophores of the photosynthetic bacterium <i>Rhodospirillum rubrum</i> FR1. <i>FEBS Journal</i> , 1989, 181, 689-694.	0.2	7
22	Rapid detergent exchange in solutions of the membrane protein bacteriorhodopsin by preparative high-performance liquid chromatography (HPLC). <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1984, 317, 672-673.	0.7	6
23	Structural dynamics in F1ATPase during the first reaction cycle of ATP hydrolysis. <i>FEBS Letters</i> , 1991, 280, 179-182.	1.3	6
24	Purification characterization of the inhibitory subunit ( $\hat{I}$ ) of the ATP-synthase from <i>Micrococcus luteus</i> . <i>FEBS Letters</i> , 1994, 356, 226-228.	1.3	3
25	Amphotericin B microparticles $\hat{A}$ ™ from phospholipid and gelatin: Development and investigation by combined DLS and SANS resolves the core-shell structure. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 1167-1173.	1.0	3
26	Purification and molecular weight determination of the membrane protein cytochrome o-complex from <i>Rhodospirillum rubrum</i> by high-performance liquid chromatography (HPLC). <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1988, 330, 389-390.	0.7	1
27	Purification of a cytochrome aa <sub>3</sub> terminal oxidase from protoplast membrane vesicles of <i>Micrococcus luteus</i> . <i>FEMS Microbiology Letters</i> , 1994, 124, 173-178.	0.7	1