

# Andreas M Nyström

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8844625/publications.pdf>

Version: 2024-02-01

41  
papers

4,839  
citations

185998

28  
h-index

276539

41  
g-index

43  
all docs

43  
docs citations

43  
times ranked

7926  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of Orthogonal "Click" Chemistries in the Synthesis of Functional Soft Materials. <i>Chemical Reviews</i> , 2009, 109, 5620-5686.	23.0	1,366
2	One-pot Synthesis of Metal-Organic Frameworks with Encapsulated Target Molecules and Their Applications for Controlled Drug Delivery. <i>Journal of the American Chemical Society</i> , 2016, 138, 962-968.	6.6	1,073
3	DNA Origami Delivery System for Cancer Therapy with Tunable Release Properties. <i>ACS Nano</i> , 2012, 6, 8684-8691.	7.3	470
4	Safety assessment of nanomaterials: Implications for nanomedicine. <i>Journal of Controlled Release</i> , 2012, 161, 403-408.	4.8	196
5	Stability and biocompatibility of a library of polyester dendrimers in comparison to polyamidoamine dendrimers. <i>Biomaterials</i> , 2012, 33, 1970-1981.	5.7	147
6	The Importance of Chemistry in Creating Well-Defined Nanoscopic Embedded Therapeutics: Devices Capable of the Dual Functions of Imaging and Therapy. <i>Accounts of Chemical Research</i> , 2011, 44, 969-978.	7.6	135
7	Nanoparticle-directed sub-cellular localization of doxorubicin and the sensitization breast cancer cells by circumventing GST-Mediated drug resistance. <i>Biomaterials</i> , 2014, 35, 1227-1239.	5.7	123
8	Amphiphilic Hyperbranched Fluoropolymers as Nanoscopic <sup>19</sup> F Magnetic Resonance Imaging Agent Assemblies. <i>Biomacromolecules</i> , 2008, 9, 2826-2833.	2.6	111
9	Poly(ethylene glycol)-Based Thiol-ene Hydrogel Coatings' Curing Chemistry, Aqueous Stability, and Potential Marine Antifouling Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 903-912.	4.0	89
10	Facile, Efficient Approach to Accomplish Tunable Chemistries and Variable Biodistributions for Shell Cross-Linked Nanoparticles. <i>Biomacromolecules</i> , 2008, 9, 1997-2006.	2.6	88
11	<sup>19</sup> F- and Fluorescently Labeled Micelles as Nanoscopic Assemblies for Chemotherapeutic Delivery. <i>Bioconjugate Chemistry</i> , 2008, 19, 2492-2498.	1.8	79
12	Endocytic Uptake and Intracellular Trafficking of Bis-MPA-Based Hyperbranched Copolymer Micelles in Breast Cancer Cells. <i>Biomacromolecules</i> , 2012, 13, 3814-3822.	2.6	74
13	Tuning core vs. shell dimensions to adjust the performance of nanoscopic containers for the loading and release of doxorubicin. <i>Journal of Controlled Release</i> , 2011, 152, 37-48.	4.8	61
14	Characterization of Poly(norbornene) Dendronized Polymers Prepared by Ring-Opening Metathesis Polymerization of Dendron Bearing Monomers. <i>Macromolecules</i> , 2006, 39, 7241-7249.	2.2	58
15	pH-triggered self-assembly of biocompatible histamine-functionalized triblock copolymers. <i>Soft Matter</i> , 2013, 9, 82-89.	1.2	55
16	Porphyrim-Cored 2,2-Bis(methylol)propionic Acid Dendrimers. <i>Chemistry of Materials</i> , 2004, 16, 2794-2804.	3.2	54
17	Hyperbranched copolymer micelles as delivery vehicles of doxorubicin in breast cancer cells. <i>Journal of Polymer Science Part A</i> , 2012, 50, 280-288.	2.5	50
18	Linear dendritic polymeric amphiphiles with intrinsic biocompatibility: synthesis and characterization to fabrication of micelles and honeycomb membranes. <i>Polymer Chemistry</i> , 2011, 2, 394-402.	1.9	49

#	ARTICLE	IF	CITATIONS
19	Perfluorocarbon-loaded shell crosslinked knedel-like nanoparticles: Lessons regarding polymer mobility and self-assembly. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1023-1037.	2.5	43
20	SCKs as nanoparticle carriers of doxorubicin: investigation of core composition on the loading, release and cytotoxicity profiles. <i>Chemical Communications</i> , 2008, , 3579.	2.2	40
21	Chemistry of multifunctional polymers based on bis-MPA and their cutting-edge applications. <i>Progress in Polymer Science</i> , 2015, 48, 85-110.	11.8	39
22	Europium confined cyclen dendrimers with photophysically active triazoles. <i>Journal of Materials Chemistry</i> , 2008, 18, 2545.	6.7	37
23	NANOMEDICINE: will it offer possibilities to overcome multiple drug resistance in cancer?. <i>Journal of Nanobiotechnology</i> , 2016, 14, 17.	4.2	35
24	In Vitro Evaluation of Non-Protein Adsorbing Breast Cancer Theranostics Based on 19 Polymer Containing Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 381-390.	1.2	33
25	Thiol-functionalized shell crosslinked knedel-like (SCK) nanoparticles: a versatile entry for their conjugation with biomacromolecules. <i>Tetrahedron</i> , 2008, 64, 8543-8552.	1.0	32
26	Antibiofouling Hybrid Dendritic Boltorn/Star PEG Thiol-ene Cross-Linked Networks. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 2118-2129.	4.0	30
27	Linear-dendritic polymeric amphiphiles as carriers of doxorubicin” <i>In vitro</i> evaluation of biocompatibility and drug delivery. <i>Journal of Polymer Science Part A</i> , 2012, 50, 217-226.	2.5	29
28	Synthesis, characterization, and aqueous self-assembly of amphiphilic poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (oxi 3487-3496.	2.5	28
29	Disulfide-Functionalized Unimolecular Micelles as Selective Redox-Responsive Nanocarriers. <i>Biomacromolecules</i> , 2015, 16, 2872-2883.	2.6	26
30	Therapeutic Nanocarriers via Cholesterol Directed Self-Assembly of Well-Defined Linear-Dendritic Polymeric Amphiphiles. <i>Chemistry of Materials</i> , 2017, 29, 3891-3898.	3.2	26
31	Dendronized polymers with tailored surface groups. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3852-3867.	2.5	25
32	Toward Unimolecular Micelles with Tunable Dimensions Using Hyperbranched Dendritic-Linear Polymers. <i>Biomacromolecules</i> , 2014, 15, 2235-2245.	2.6	24
33	Bulk properties of dendronized polymers with tailored end-groups emanating from the same backbone. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4496-4504.	2.5	21
34	Histamine-functionalized copolymer micelles as a drug delivery system in 2D and 3D models of breast cancer. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2472-2486.	2.9	20
35	Construction of thermoresponsive SCKs through tuning the crystalline melting point of the core domain. <i>Soft Matter</i> , 2008, 4, 849.	1.2	19
36	Solution properties of dendronized poly(hydroxy ethyl methacrylate) polymers. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3674-3683.	2.5	17

#	ARTICLE	IF	CITATIONS
37	Side-by-side comparison of dendritic-linear hybrids and their hyperbranched analogs as micellar carriers of chemotherapeutics. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3992-3996.	2.5	17
38	Nanotechnology in the war against cancer: new arms against an old enemy – a clinical view. <i>Future Oncology</i> , 2015, 11, 1961-1975.	1.1	8
39	Therapeutic Applications. , 2012, , 285-313.		6
40	Research Highlights: Highlights from the latest articles in nanomedicine. <i>Nanomedicine</i> , 2012, 7, 1799-1800.	1.7	1
41	Drug Delivery: In Vitro Evaluation of Non-Protein Adsorbing Breast Cancer Theranostics Based on 19 F-Polymer Containing Nanoparticles (Part. Part. Syst. Charact. 4/2013). <i>Particle and Particle Systems Characterization</i> , 2013, 30, 300-300.	1.2	0