

# Stefanie Wedepohl

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,185  
citations

331538

21  
h-index

414303

32  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1899  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of conducting/thermoresponsive polymer ratio on multitasking nanogels. <i>Materials Science and Engineering C</i> , 2021, 119, 111598.	3.8	9
2	Forty Years after the Discovery of Its Nucleolytic Activity: [Cu(phen) <sub>2</sub> ] <sup>2+</sup> Shows Unattended DNA Cleavage Activity upon Fluorination. <i>Chemistry - A European Journal</i> , 2021, 27, 3273-3277.	1.7	15
3	Inhibition of Herpes Simplex Virus Type 1 Attachment and Infection by Sulfated Polyglycerols with Different Architectures. <i>Biomacromolecules</i> , 2021, 22, 1545-1554.	2.6	24
4	Polyglutamic acid-based crosslinked doxorubicin nanogels as an anti-metastatic treatment for triple negative breast cancer. <i>Journal of Controlled Release</i> , 2021, 332, 10-20.	4.8	35
5	Prolonged activity of exenatide: Detailed comparison of Site-specific linear polyglycerol- and poly(ethylene glycol)-conjugates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 164, 105-113.	2.0	7
6	Synthesis, Self-Assembly, and Biological Activities of Pyrimidine-Based Cationic Amphiphiles. <i>ACS Omega</i> , 2021, 6, 103-112.	1.6	7
7	Exploiting cyanine dye J-aggregates/monomer equilibrium in hydrophobic protein pockets for efficient multi-step phototherapy: an innovative concept for smart nanotheranostics. <i>Nanoscale</i> , 2021, 13, 8909-8921.	2.8	9
8	One-pot gram-scale synthesis of virucidal heparin-mimicking polymers as HSV-1 inhibitors. <i>Chemical Communications</i> , 2021, 57, 11948-11951.	2.2	12
9	Synthesis and functionalization of dendritic polyglycerol-based nanogels: application in T cell activation. <i>Journal of Materials Chemistry B</i> , 2021, 10, 96-106.	2.9	8
10	Matrix Metalloproteinase-sensitive Multistage Nanogels Promote Drug Transport in 3D Tumor Model. <i>Theranostics</i> , 2020, 10, 91-108.	4.6	29
11	Revealing the NIR-triggered chemotherapy therapeutic window of magnetic and thermoresponsive nanogels. <i>Nanoscale</i> , 2020, 12, 21635-21646.	2.8	13
12	Protein corona formation and its influence on biomimetic magnetite nanoparticles. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4870-4882.	2.9	11
13	pH-Activatable Singlet Oxygen-Generating Boron-dipyrromethenes (BODIPYs) for Photodynamic Therapy and Bioimaging. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1699-1708.	2.9	41
14	Influence of Alkyl Chains of Modified Polysuccinimide-Based Polycationic Polymers on Polyplex Formation and Transfection. <i>Macromolecular Bioscience</i> , 2019, 19, e1900117.	2.1	7
15	Stereocomplexed PLA microspheres: Control over morphology, drug encapsulation and anticancer activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110544.	2.5	26
16	NIR- and thermo-responsive semi-interpenetrated polypyrrole nanogels for imaging guided combinational photothermal and chemotherapy. <i>Journal of Controlled Release</i> , 2019, 311-312, 147-161.	4.8	64
17	Critical parameters for the controlled synthesis of nanogels suitable for temperature-triggered protein delivery. <i>Materials Science and Engineering C</i> , 2019, 100, 141-151.	3.8	24
18	PEGylated dendritic polyglycerol conjugate targeting NCAM-expressing neuroblastoma: Limitations and challenges. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1169-1179.	1.7	10

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19	Multiply Intercalator-Substituted Cu(II) Cyclen Complexes as DNA Condensers and DNA/RNA Synthesis Inhibitors. <i>Inorganic Chemistry</i> , 2018, 57, 5004-5012.	1.9	17
20	Thermoresponsive nanogels with film-forming ability. <i>Polymer Chemistry</i> , 2018, 9, 1004-1011.	1.9	10
21	Effect of Delivery Platforms Structure on the Epidermal Antigen Transport for Topical Vaccination. <i>Biomacromolecules</i> , 2018, 19, 4607-4616.	2.6	16
22	Nanoparticles from supramolecular polyactides overcome drug resistance of cancer cells. <i>European Polymer Journal</i> , 2018, 109, 117-123.	2.6	27
23	Semi-interpenetrated, dendritic, dual-responsive nanogels with cytochrome c corona induce controlled apoptosis in HeLa cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 115-122.	2.0	11
24	A Facile, One-Pot, Surfactant-Free Nanoprecipitation Method for the Preparation of Nanogels from Polyglycerol-Drug Conjugates that Can Be Freely Assembled for Combination Therapy Applications. <i>Polymers</i> , 2018, 10, 398.	2.0	13
25	Modular approach for theranostic polymer conjugates with activatable fluorescence: Impact of linker design on the stimuli-induced release of doxorubicin. <i>Journal of Controlled Release</i> , 2018, 285, 200-211.	4.8	13
26	Crosslinked casein-based micelles as a dually responsive drug delivery system. <i>Polymer Chemistry</i> , 2018, 9, 3499-3510.	1.9	41
27	In vivo comparative study of distinct polymeric architectures bearing a combination of paclitaxel and doxorubicin at a synergistic ratio. <i>Journal of Controlled Release</i> , 2017, 257, 118-131.	4.8	48
28	Rational design of dendritic thermoresponsive nanogels that undergo phase transition under endolysosomal conditions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 866-874.	2.9	23
29	Reducing Macro- and Microheterogeneity of N-Glycans Enables the Crystal Structure of the Lectin and EGF-Like Domains of Human I-Selectin To Be Solved at 1.9-Å Resolution. <i>ChemBioChem</i> , 2017, 18, 1338-1345.	1.3	6
30	Overcoming drug resistance with on-demand charged thermoresponsive dendritic nanogels. <i>Nanomedicine</i> , 2017, 12, 117-129.	1.7	25
31	Single-Step Purification of Monomeric I-Selectin via Aptamer Affinity Chromatography. <i>Sensors</i> , 2017, 17, 226.	2.1	14
32	Near Infrared Dye Conjugated Nanogels for Combined Photodynamic and Photothermal Therapies. <i>Macromolecular Bioscience</i> , 2016, 16, 1432-1441.	2.1	22
33	Macromol. Biosci. 10/2016. <i>Macromolecular Bioscience</i> , 2016, 16, 1546-1546.	2.1	0
34	Significantly enhanced proteolytic activity of cyclen complexes by monoalkylation. <i>Dalton Transactions</i> , 2016, 45, 10500-10504.	1.6	8
35	Immobilization of Stimuli-Responsive Nanogels onto Honeycomb Porous Surfaces and Controlled Release of Proteins. <i>Langmuir</i> , 2016, 32, 1854-1862.	1.6	35
36	Polymeric near-infrared absorbing dendritic nanogels for efficient in vivo photothermal cancer therapy. <i>Nanoscale</i> , 2016, 8, 5852-5856.	2.8	44

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37	Responsive nanogels for application as smart carriers in endocytic pH-triggered drug delivery systems. <i>European Polymer Journal</i> , 2016, 78, 14-24.	2.6	48
38	Bispecific Antibodies for Targeted Delivery of Dendritic Polyglycerol (dPG) Prodrug Conjugates. <i>Current Cancer Drug Targets</i> , 2016, 16, 639-649.	0.8	9
39	Facile ultrasonication approach for the efficient synthesis of ethylene glycol-based thermoresponsive nanogels. <i>RSC Advances</i> , 2015, 5, 15407-15413.	1.7	11
40	One-pot synthesis of doxorubicin-loaded multiresponsive nanogels based on hyperbranched polyglycerol. <i>Chemical Communications</i> , 2015, 51, 5264-5267.	2.2	22
41	Dendritic polymer imaging systems for the evaluation of conjugate uptake and cleavage. <i>Nanoscale</i> , 2015, 7, 3838-3844.	2.8	12
42	The Effect of Polyglycerol Sulfate Branching On Inflammatory Processes. <i>Macromolecular Bioscience</i> , 2014, 14, 643-654.	2.1	26
43	Chemoenzymatic Synthesis of Functional Sialyl Lewis <sup>X</sup> Mimetics with a Heteroaromatic Core. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2119-2125.	1.7	5
44	A Microgel Construction Kit for Bioorthogonal Encapsulation and pH-Controlled Release of Living Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13538-13543.	7.2	145
45	Carbohydrate-PNA and Aptamer-PNA Conjugates for the Spatial Screening of Lectins and Lectin Assemblies. <i>ChemBioChem</i> , 2013, 14, 236-250.	1.3	39
46	L-Selectin - A dynamic regulator of leukocyte migration. <i>European Journal of Cell Biology</i> , 2012, 91, 257-264.	1.6	66
47	Synthesis and Evaluation of Nonsulfated and Sulfated Glycopolymers as L- and P-selectin Inhibitors. <i>Journal of Carbohydrate Chemistry</i> , 2011, 30, 347-360.	0.4	14
48	N-Glycan Analysis of Recombinant L-Selectin Reveals Sulfated GalNAc and GalNAc-GalNAc Motifs. <i>Journal of Proteome Research</i> , 2010, 9, 3403-3411.	1.8	45
49	Analysis of the N-glycosylation of L-selectin. , 0, 2005, .		0