

# Stefanie Wedepohl

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,185  
citations

331670

21  
h-index

414414

32  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1899  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Microgel Construction Kit for Bioorthogonal Encapsulation and pH- Controlled Release of Living Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13538-13543.	13.8	145
2	L-Selectin – A dynamic regulator of leukocyte migration. <i>European Journal of Cell Biology</i> , 2012, 91, 257-264.	3.6	66
3	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.	9.9	64
4	Responsive nanogels for application as smart carriers in endocytic pH-triggered drug delivery systems. <i>European Polymer Journal</i> , 2016, 78, 14-24.	5.4	48
5	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.	9.9	48
6	N-Glycan Analysis of Recombinant L-Selectin Reveals Sulfated GalNAc and GalNAc~GalNAc Motifs. <i>Journal of Proteome Research</i> , 2010, 9, 3403-3411.	3.7	45
7	Polymeric near-infrared absorbing dendritic nanogels for efficient in vivo photothermal cancer therapy. <i>Nanoscale</i> , 2016, 8, 5852-5856.	5.6	44
8	Crosslinked casein-based micelles as a dually responsive drug delivery system. <i>Polymer Chemistry</i> , 2018, 9, 3499-3510.	3.9	41
9	pH-Activatable Singlet Oxygen-Generating Boron-dipyrromethenes (BODIPYs) for Photodynamic Therapy and Bioimaging. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1699-1708.	6.4	41
10	Carbohydrate~PNA and Aptamer~PNA Conjugates for the Spatial Screening of Lectins and Lectin Assemblies. <i>ChemBioChem</i> , 2013, 14, 236-250.	2.6	39
11	Immobilization of Stimuli-Responsive Nanogels onto Honeycomb Porous Surfaces and Controlled Release of Proteins. <i>Langmuir</i> , 2016, 32, 1854-1862.	3.5	35
12	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.	9.9	35
13	Matrix Metalloproteinase-sensitive Multistage Nanogels Promote Drug Transport in 3D Tumor Model. <i>Theranostics</i> , 2020, 10, 91-108.	10.0	29
14	Nanoparticles from supramolecular polylactides overcome drug resistance of cancer cells. <i>European Polymer Journal</i> , 2018, 109, 117-123.	5.4	27
15	The Effect of Polyglycerol Sulfate Branching On Inflammatory Processes. <i>Macromolecular Bioscience</i> , 2014, 14, 643-654.	4.1	26
16	Stereocomplexed PLA microspheres: Control over morphology, drug encapsulation and anticancer activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110544.	5.0	26
17	Overcoming drug resistance with on-demand charged thermoresponsive dendritic nanogels. <i>Nanomedicine</i> , 2017, 12, 117-129.	3.3	25
18	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.	7.3	24

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19	Inhibition of Herpes Simplex Virus Type 1 Attachment and Infection by Sulfated Polyglycerols with Different Architectures. <i>Biomacromolecules</i> , 2021, 22, 1545-1554.	5.4	24
20	Rational design of dendritic thermoresponsive nanogels that undergo phase transition under endolysosomal conditions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 866-874.	5.8	23
21	One-pot synthesis of doxorubicin-loaded multiresponsive nanogels based on hyperbranched polyglycerol. <i>Chemical Communications</i> , 2015, 51, 5264-5267.	4.1	22
22	Near Infrared Dye Conjugated Nanogels for Combined Photodynamic and Photothermal Therapies. <i>Macromolecular Bioscience</i> , 2016, 16, 1432-1441.	4.1	22
23	Multiply Intercalator-Substituted Cu(II) Cyclen Complexes as DNA Condensers and DNA/RNA Synthesis Inhibitors. <i>Inorganic Chemistry</i> , 2018, 57, 5004-5012.	4.0	17
24	Effect of Delivery Platforms Structure on the Epidermal Antigen Transport for Topical Vaccination. <i>Biomacromolecules</i> , 2018, 19, 4607-4616.	5.4	16
25	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.	3.3	15
26	Synthesis and Evaluation of Nonsulfated and Sulfated Glycopolymers as L- and P-selectin Inhibitors. <i>Journal of Carbohydrate Chemistry</i> , 2011, 30, 347-360.	1.1	14
27	Single-Step Purification of Monomeric I-Selectin via Aptamer Affinity Chromatography. <i>Sensors</i> , 2017, 17, 226.	3.8	14
28	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.	4.5	13
29	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.	9.9	13
30	Revealing the NIR-triggered chemotherapy therapeutic window of magnetic and thermoresponsive nanogels. <i>Nanoscale</i> , 2020, 12, 21635-21646.	5.6	13
31	Dendritic polymer imaging systems for the evaluation of conjugate uptake and cleavage. <i>Nanoscale</i> , 2015, 7, 3838-3844.	5.6	12
32	One-pot gram-scale synthesis of virucidal heparin-mimicking polymers as HSV-1 inhibitors. <i>Chemical Communications</i> , 2021, 57, 11948-11951.	4.1	12
33	Facile ultrasonication approach for the efficient synthesis of ethylene glycol-based thermoresponsive nanogels. <i>RSC Advances</i> , 2015, 5, 15407-15413.	3.6	11
34	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.	4.3	11
35	Protein corona formation and its influence on biomimetic magnetite nanoparticles. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4870-4882.	5.8	11
36	PEGylated dendritic polyglycerol conjugate targeting NCAM-expressing neuroblastoma: Limitations and challenges. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1169-1179.	3.3	10

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37	Thermoresponsive nanogels with film-forming ability. <i>Polymer Chemistry</i> , 2018, 9, 1004-1011.	3.9	10
38	Effect of conducting/thermoresponsive polymer ratio on multitasking nanogels. <i>Materials Science and Engineering C</i> , 2021, 119, 111598.	7.3	9
39	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.	5.6	9
40	Bispecific Antibodies for Targeted Delivery of Dendritic Polyglycerol (dPG) Prodrug Conjugates. <i>Current Cancer Drug Targets</i> , 2016, 16, 639-649.	1.6	9
41	Significantly enhanced proteolytic activity of cyclen complexes by monoalkylation. <i>Dalton Transactions</i> , 2016, 45, 10500-10504.	3.3	8
42	Synthesis and functionalization of dendritic polyglycerol-based nanogels: application in T cell activation. <i>Journal of Materials Chemistry B</i> , 2021, 10, 96-106.	5.8	8
43	Influence of Alkyl Chains of Modified Polysuccinimide-Based Polycationic Polymers on Polyplex Formation and Transfection. <i>Macromolecular Bioscience</i> , 2019, 19, e1900117.	4.1	7
44	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.	4.3	7
45	Synthesis, Self-Assembly, and Biological Activities of Pyrimidine-Based Cationic Amphiphiles. <i>ACS Omega</i> , 2021, 6, 103-112.	3.5	7
46	Reducing Macro- and Microheterogeneity of N-Glycans Enables the Crystal Structure of the Lectin and EGF-Like Domains of Human L-Selectin To Be Solved at 1.9 Å Resolution. <i>ChemBioChem</i> , 2017, 18, 1338-1345.	2.6	6
47	Chemoenzymatic Synthesis of Functional Sialyl Lewis <sup>x</sup> Mimetics with a Heteroaromatic Core. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2119-2125.	3.3	5
48	Macromol. Biosci. 10/2016. <i>Macromolecular Bioscience</i> , 2016, 16, 1546-1546.	4.1	0
49	Analysis of the N-glycosylation of L-selectin. , 0, 2005, .		0