

# Eva Harth

## List of Publications by Citations

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48  
papers

4,726  
citations

20  
h-index

56  
g-index

56  
ext. papers

5,027  
ext. citations

8.2  
avg. IF

5.51  
L-index

#	Paper	IF	Citations
48	New polymer synthesis by nitroxide mediated living radical polymerizations. <i>Chemical Reviews</i> , <b>2001</b> , 101, 3661-88	68.1	3478
47	Accurate Structural Control and Block Formation in the Living Polymerization of 1,3-Dienes by Nitroxide-Mediated Procedures. <i>Macromolecules</i> , <b>2000</b> , 33, 363-370	5.5	189
46	Targeted nanoparticles that deliver a sustained, specific release of Paclitaxel to irradiated tumors. <i>Cancer Research</i> , <b>2010</b> , 70, 4550-9	10.1	120
45	Olefins and Vinyl Polar Monomers: Bridging the Gap for Next Generation Materials. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12370-12391	16.4	97
44	Approach to formation of multifunctional polyester particles in controlled nanoscopic dimensions. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 8706-13	16.4	74
43	Nanosponge formation from organocatalytically-synthesized poly(carbonate) copolymers. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 915-918	6.6	53
42	Sequential targeted delivery of paclitaxel and camptothecin using a cross-linked "nanosponge" network for lung cancer chemotherapy. <i>Molecular Pharmaceutics</i> , <b>2014</b> , 11, 265-75	5.6	52
41	Tailored polyester nanoparticles: post-modification with dendritic transporter and targeting units via reductive amination and thiol-ene chemistry. <i>Soft Matter</i> , <b>2009</b> , 5, 1417	3.6	46
40	Click Reactions: Novel Chemistries for Forming Well-defined Polyester Nanoparticles. <i>Macromolecules</i> , <b>2010</b> , 43, 5665-5671	5.5	45
39	High relaxivity MRI imaging reagents from bimodal star polymers. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 390-398	4.9	44
38	Dual drug delivery of tamoxifen and quercetin: Regulated metabolism for anticancer treatment with nanosponges. <i>Journal of Controlled Release</i> , <b>2015</b> , 220, 751-7	11.7	39
37	Synthesis of Star Polymer Architectures with Site-Isolated Chromophore Cores. <i>Macromolecules</i> , <b>2008</b> , 41, 3472-3480	5.5	39
36	Controlled branching of polyglycidol and formation of protein-glycidol bioconjugates via a graft-from approach with "PEG-like" arms. <i>Chemical Communications</i> , <b>2013</b> , 49, 2394-6	5.8	33
35	Olefine und polare Vinylmonomere: Überbrückung der Lücke für Materialien der nächsten Generation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12498-12520	3.6	30
34	Matrices for combined delivery of proteins and synthetic molecules. <i>Advanced Drug Delivery Reviews</i> , <b>2016</b> , 98, 77-85	18.5	28
33	Light as a Catalytic Switch for Block Copolymer Architectures: Metal-Organic Insertion/Light Initiated Radical (MILRad) Polymerization. <i>Macromolecules</i> , <b>2018</b> , 51, 7224-7232	5.5	28
32	Linear release nanoparticle devices for advanced targeted cancer therapies with increased efficacy. <i>Polymer Chemistry</i> , <b>2010</b> , 1, 93	4.9	26

31	Nanosponge-Mediated Drug Delivery Lowers Intraocular Pressure. <i>Translational Vision Science and Technology</i> , <b>2015</b> , 4, 1	3.3	24
30	One-pot polyglycidol nanogels via liposome master templates for dual drug delivery. <i>Journal of Controlled Release</i> , <b>2016</b> , 244, 366-374	11.7	22
29	Water-soluble Semiconducting Nanoparticles for Imaging. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 710-714	6.6	21
28	Dual Polymerization Pathway for Polyolefin-Polar Block Copolymer Synthesis via MILRad: Mechanism and Scope. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21469-21483	16.4	20
27	Photocontrolled Growth of Cross-Linked Nanonetworks. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 745-750	6.6	20
26	Semibranched polyglycidols as fillers in polycarbonate hydrogels to tune hydrophobic drug release. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 1096-1102	4.9	16
25	Enzyme-assisted self-assembly within a hydrogel induced by peptide diffusion. <i>Chemical Communications</i> , <b>2019</b> , 55, 1156-1159	5.8	15
24	An assessment of nanosponges for intravenous and oral drug delivery of BCS class IV drugs: Drug delivery kinetics and solubilization. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 3551	4.9	15
23	Poly(glycidol) Coating on Ultrahigh Molecular Weight Polyethylene for Reduced Biofilm Growth. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 4050-4056	9.5	14
22	Practical polymerization of functionalized lactones and carbonates with Sn(OTf) <sub>2</sub> in metal catalysed ring-opening polymerization methods. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2470	4.9	14
21	Metal-organic insertion light initiated radical (MILRad) polymerization: photo-initiated radical polymerization of vinyl polar monomers with various palladium diimine catalysts. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 3040-3047	4.9	12
20	Electron beam lithography of poly(glycidol) nanogels for immobilization of a three-enzyme cascade. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 637-645	4.9	12
19	Non-viral siRNA delivery vectors: dendritic molecular transporter and molecular transporter nanovectors for target gene silencing. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 441-446	4.9	11
18	Branching Regulation in Olefin Polymerization via Lewis Acid Triggered Isomerization of Monomers. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 4743-4749	16.4	10
17	Enzyme assisted peptide self-assemblies trigger cell adhesion in high density oxime based host gels. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 4419-4427	7.3	9
16	Collagen-Targeted Theranostic Nanosponges for Delivery of the Matrix Metalloproteinase 14 Inhibitor Naphthofluorescein. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 3707-3714	9.6	8
15	Post-polymerization modification of branched polyglycidol with N-Hydroxy phthalimide to give ratio-controlled amino-oxy functionalized species. <i>Journal of Polymer Science Part A</i> , <b>2016</b> , 54, 2820-2825	2.5	8
14	Distorted Sandwich Diimine Pd Catalyst: Linear Polyethylene and Synthesis of Ethylene/Acrylate Elastomers. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24107-24115	16.4	8

13	Switching the Reactivity of Palladium Diimines with "Ancillary" Ligand to Select between Olefin Polymerization, Branching Regulation, or Olefin Isomerization. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 1635-1640	16.4	8
12	Precise Microscale Polymeric Networks through Piezoelectronic Inkjet Printing. <i>ACS Biomaterials Science and Engineering</i> , <b>2016</b> , 2, 1265-1272	5.5	7
11	Nanonetwork photogrowth expansion: Tailoring nanoparticle networks chemical structure and local topology. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 3841-3850	4.9	6
10	Second-Generation Nanosponges: Nanonetworks in Controlled Dimensions via Backbone Ketoxime and Alkoxyamine Cross-Links for Controlled Release. <i>Macromolecules</i> , <b>2018</b> , 51, 10160-10166	5.5	4
9	Effective Drug Therapies from Functional, Macromolecular Building Blocks with a Biomimetic Design. <i>Macromolecular Symposia</i> , <b>2007</b> , 255, 20-23	0.8	3
8	Branching Regulation in Olefin Polymerization via Lewis Acid Triggered Isomerization of Monomers. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 4773-4779	3.6	3
7	Trans-meningeal drug delivery to optic nerve ganglion cell axons using a nanoparticle drug delivery system. <i>Experimental Eye Research</i> , <b>2014</b> , 118, 42-5	3.7	2
6	Switching the Reactivity of Palladium Diimines with Ancillary Ligand to Select between Olefin Polymerization, Branching Regulation, or Olefin Isomerization. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 1659-1664	3.6	2
5	Polyolefin Analyses with a 10 mm Multinuclear NMR Cryoprobe. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 15596-15603	5.0	2
4	Distorted Sandwich Diimine PdII Catalyst: Linear Polyethylene and Synthesis of Ethylene/Acrylate Elastomers. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 24309	3.6	2
3	Formaldehyde-doxorubicin dual polymeric drug delivery system for higher efficacy and limited cardiotoxicity of anthracyclines. <i>European Polymer Journal</i> , <b>2021</b> , 143, 110210	5.2	2
2	Nanosponge Tunability in Size and Crosslinking Density. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	1
1	Tandem Living Insertion and Controlled Radical Polymerization for Polyolefin-Polyvinyl Block Copolymers. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12742	3.6	1