

# Susanne Boye

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

889  
citations

430874

18  
h-index

526287

27  
g-index

50  
all docs

50  
docs citations

50  
times ranked

881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable polycationic organohalloysite electrocatalyst: Synthesis and characterisation. Applied Clay Science, 2022, 226, 106565.	5.2	2
2	Improving glass transition temperature of unsaturated polyester thermosets: Conventional unsaturated polyester resins. Journal of Applied Polymer Science, 2021, 138, 49825.	2.6	10
3	A comprehensive analysis in one run " in-depth conformation studies of protein" polymer chimeras by asymmetrical flow field-flow fractionation. Chemical Science, 2021, 12, 13848-13856.	7.4	4
4	Detection of subtle extracellular glucose changes by artificial organelles in protocells. Chemical Communications, 2021, 57, 8019-8022.	4.1	14
5	Eukaryotic Cell Biomimetics: Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomes"Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation (Small 7/2021). Small, 2021, 17, 2170026.	10.0	0
6	Characterization of chitosan with different degree of deacetylation and equal viscosity in dissolved and solid state " Insights by various complimentary methods. International Journal of Biological Macromolecules, 2021, 171, 242-261.	7.5	44
7	Dealing with the complexity of conjugated and self-assembled polymer-nanostructures using field-flow fractionation. Analytical Science Advances, 2021, 2, 95-108.	2.8	7
8	Molecular Dynamics-Guided Design of a Functional Protein" ATRP Conjugate That Eliminates Protein"Protein Interactions. Bioconjugate Chemistry, 2021, 32, 821-832.	3.6	13
9	Matrix metalloproteinase-1 decorated polymersomes, a surface-active extracellular matrix therapeutic, potentiates collagen degradation and attenuates early liver fibrosis. Journal of Controlled Release, 2021, 332, 594-607.	9.9	34
10	Artificial Organelles with Orthogonal-Responsive Membranes for Protocell Systems: Probing the Intrinsic and Sequential Docking and Diffusion of Cargo into Two Coexisting Avidin"Polymersomes. Advanced Science, 2021, 8, e2004263.	11.2	14
11	Multivalent Protein-Loaded pH-Stable Polymersomes: First Step toward Protein Targeted Therapeutics. Macromolecular Bioscience, 2021, 21, e2100102.	4.1	12
12	Feedback-Induced and Oscillating pH Regulation of a Binary Enzyme"Polymersomes System. Chemistry of Materials, 2021, 33, 6692-6700.	6.7	18
13	Fast and effective chromatographic separation of polymersomes from proteins by multimodal chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1162, 122459.	2.3	6
14	Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomes"Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation. Small, 2021, 17, e2005749.	10.0	26
15	Engineering exosome polymer hybrids by atom transfer radical polymerization. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	63
16	Bivalent Peptide- and Chelator-Containing Bioconjugates as Toolbox Components for Personalized Nanomedicine. Biomacromolecules, 2020, 21, 199-213.	5.4	8
17	Ligands and characterization for effective bio-atom-transfer radical polymerization. Journal of Polymer Science, 2020, 58, 42-47.	3.8	3
18	Avidin Localizations in pH-Responsive Polymersomes for Probing the Docking of Biotinylated (Macro)molecules in the Membrane and Lumen. Biomacromolecules, 2020, 21, 5162-5172.	5.4	20

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19	Light-Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors. <i>Small</i> , 2020, 16, e2002135.	10.0	34
20	Critical Assessment of the Application of Multidetector SEC and AF4 for the Separation of Single-Chain Nanoparticles. <i>ACS Macro Letters</i> , 2020, 9, 1569-1575.	4.8	13
21	Enzymatic Nanoreactors: Light-Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors ( <i>Small</i> 37/2020). <i>Small</i> , 2020, 16, 2070201.	10.0	1
22	Dry-Jet Wet Spinning of Thermally Stable Lignin-Textile Grade Polyacrylonitrile Fibers Regenerated from Chloride-Based Ionic Liquids Compounds. <i>Materials</i> , 2020, 13, 3687.	2.9	15
23	A smart polymer for sequence-selective binding, pulldown, and release of DNA targets. <i>Communications Biology</i> , 2020, 3, 369.	4.4	12
24	Dehydropolymerisation of Methylamine Borane and an <i>N</i> -Substituted Primary Amine Borane Using a PNP Fe Catalyst. <i>Chemistry - A European Journal</i> , 2020, 26, 7889-7899.	3.3	25
25	Ligands and characterization for effective bioatom-transfer radical polymerization. <i>Journal of Polymer Science</i> , 2020, 58, 42-47.	3.8	0
26	Mono- and Polyassociation Processes of Pentavalent Biotinylated PEI Glycopolymers for the Fabrication of Biohybrid Structures with Targeting Properties. <i>Biomacromolecules</i> , 2019, 20, 3408-3424.	5.4	7
27	Asymmetric flow field flow fractionation for the investigation of caseins cross-linked by microbial transglutaminase. <i>Food Hydrocolloids</i> , 2019, 92, 117-124.	10.7	25
28	Effect of the Structure of Therapeutic Adenosine Analogues on Stability and Surface Electrostatic Potential of their Complexes with Poly(propyleneimine) Dendrimers. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900181.	3.9	11
29	Toward Functional Synthetic Cells: In-Depth Study of Nanoparticle and Enzyme Diffusion through a Cross-Linked Polymersome Membrane. <i>Advanced Science</i> , 2019, 6, 1801299.	11.2	57
30	Advanced AF4 Characterization of Dendritic Biomacromolecules, Their Self-Assembly, and Hybrid Formation. <i>ACS Symposium Series</i> , 2018, , 171-187.	0.5	1
31	Dehydropolymerisation of methylamine borane using a dinuclear 1,3-allenediyl bridged zirconocene complex. <i>Dalton Transactions</i> , 2018, 47, 12858-12862.	3.3	31
32	Tunable Fluorescence of a Semiconducting Polythiophene Positioned on DNA Origami. <i>Nano Letters</i> , 2017, 17, 5163-5170.	9.1	36
33	Sphere-Like Protein-Glycopolymer Nanostructures Tailored by Polyassociation. <i>Biomacromolecules</i> , 2016, 17, 32-45.	5.4	9
34	Coil-like Enzymatic Biohybrid Structures Fabricated by Rational Design: Controlling Size and Enzyme Activity over Sequential Nanoparticle Bioconjugation and Filtration Steps. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6261-6268.	8.0	7
35	Asymmetric Flow Field-Flow Fractionation Investigation of Magnetopolyplexes. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1862-1867.	2.2	13
36	Poly(ethylene oxide)-based block copolymers with very high molecular weights for biomimetic calcium phosphate mineralization. <i>RSC Advances</i> , 2015, 5, 103494-103505.	3.6	6

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37	Amino acid modified hyperbranched poly(ethylene imine) with disaccharide decoration as anionic core-shell architecture: Influence of the pH and molecular architecture on solution behaviour. <i>Polymer</i> , 2015, 80, 188-204.	3.8	4
38	From 1D Rods to 3D Networks: A Biohybrid Topological Diversity Investigated by Asymmetrical Flow Field-Flow Fractionation. <i>Macromolecules</i> , 2015, 48, 4607-4619.	4.8	34
39	Effect of Connectivity on the Structure and the Liquid-Solid Transition of Dense Suspensions of Soft Colloids. <i>Macromolecules</i> , 2015, 48, 7995-8002.	4.8	10
40	Overcoming Concealment Effects of Targeting Moieties in the PEG Corona: Controlled Permeable Polymersomes Decorated with Folate-Antennae for Selective Targeting of Tumor Cells. <i>Small</i> , 2015, 11, 1580-1591.	10.0	63
41	Biohybrid structures consisting of biotinylated glycodendrimers and proteins: influence of the biotin ligand's number and chemical nature on the biotin-avidin conjugation. <i>Polymer Chemistry</i> , 2014, 5, 1323-1339.	3.9	23
42	Poly(ethylene oxide)-b-poly(3-sulfopropyl methacrylate) Block Copolymers for Calcium Phosphate Mineralization and Biofilm Inhibition. <i>Biomacromolecules</i> , 2014, 15, 3901-3914.	5.4	18
43	pH-Triggered Aggregate Shape of Different Generations Lysine-Dendronized Maleimide Copolymers with Maltose Shell. <i>Biomacromolecules</i> , 2012, 13, 4222-4235.	5.4	43
44	Separation of linear and star-shaped polystyrenes by phase distribution chromatography. <i>Journal of Separation Science</i> , 2010, 33, 3584-3594.	2.5	4
45	Solution properties of selectively modified hyperbranched polyesters. <i>Polymer</i> , 2010, 51, 4110-4120.	3.8	26
46	An alternative route to dye-polymer complexation study using asymmetrical flow field-flow fractionation. <i>Journal of Chromatography A</i> , 2010, 1217, 4841-4849.	3.7	28
47	A convenient room temperature polycondensation toward hyperbranched AB <sub>2</sub> -type all-aromatic polyesters with phenol terminal groups. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5158-5168.	2.3	32