

Susanne Boye

List of Publications by Year in descending order

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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	Overcoming Concealment Effects of Targeting Moieties in the PEG Corona: Controlled Permeable Polymersomes Decorated with Folateâ€Antennae for Selective Targeting of Tumor Cells. <i>Small</i> , 2015, 11, 1580-1591.	10.0	63
2	Engineering exosome polymer hybrids by atom transfer radical polymerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	63
3	Toward Functional Synthetic Cells: Inâ€Depth Study of Nanoparticle and Enzyme Diffusion through a Crossâ€Linked Polymersome Membrane. <i>Advanced Science</i> , 2019, 6, 1801299.	11.2	57
4	Characterization of chitosan with different degree of deacetylation and equal viscosity in dissolved and solid state â€ Insights by various complimentary methods. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 242-261.	7.5	44
5	pH-Triggered Aggregate Shape of Different Generations Lysine-Dendronized Maleimide Copolymers with Maltose Shell. <i>Biomacromolecules</i> , 2012, 13, 4222-4235.	5.4	43
6	Tunable Fluorescence of a Semiconducting Polythiophene Positioned on DNA Origami. <i>Nano Letters</i> , 2017, 17, 5163-5170.	9.1	36
7	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
8	Lightâ€Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors. <i>Small</i> , 2020, 16, e2002135.	10.0	34
9	Matrix metalloproteinase-1 decorated polymersomes, a surface-active extracellular matrix therapeutic, potentiates collagen degradation and attenuates early liver fibrosis. <i>Journal of Controlled Release</i> , 2021, 332, 594-607.	9.9	34
10	A convenient room temperature polycondensation toward hyperbranched AB ₂ -type allâ€aromatic polyesters with phenol terminal groups. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5158-5168.	2.3	32
11	Dehydropolymerisation of methylamine borane using a dinuclear 1,3-allenediyl bridged zirconocene complex. <i>Dalton Transactions</i> , 2018, 47, 12858-12862.	3.3	31
12	An alternative route to dyeâ€polymer complexation study using asymmetrical flow field-flow fractionation. <i>Journal of Chromatography A</i> , 2010, 1217, 4841-4849.	3.7	28
13	Solution properties of selectively modified hyperbranched polyesters. <i>Polymer</i> , 2010, 51, 4110-4120.	3.8	26
14	Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomesâ€inâ€Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation. <i>Small</i> , 2021, 17, e2005749.	10.0	26
15	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
16	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
17	Biohybrid structures consisting of biotinylated glycodendrimers and proteins: influence of the biotin ligand's number and chemical nature on the biotinâ€avidin conjugation. <i>Polymer Chemistry</i> , 2014, 5, 1323-1339.	3.9	23
18	Avidin Localizations in pH-Responsive Polymersomes for Probing the Docking of Biotinylated (Macro)molecules in the Membrane and Lumen. <i>Biomacromolecules</i> , 2020, 21, 5162-5172.	5.4	20

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19	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
20	Feedback-Induced and Oscillating pH Regulation of a Binary Enzyme-Polymersomes System. <i>Chemistry of Materials</i> , 2021, 33, 6692-6700.	6.7	18
21	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
22	Detection of subtle extracellular glucose changes by artificial organelles in protocells. <i>Chemical Communications</i> , 2021, 57, 8019-8022.	4.1	14
23	Artificial Organelles with Orthogonal-Responsive Membranes for Protocell Systems: Probing the Intrinsic and Sequential Docking and Diffusion of Cargo into Two Coexisting Avidin-Polymersomes. <i>Advanced Science</i> , 2021, 8, e2004263.	11.2	14
24	Asymmetric Flow Field-Flow Fractionation Investigation of Magnetopolyplexes. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1862-1867.	2.2	13
25	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
26	Molecular Dynamics-Guided Design of a Functional Protein-ATRP Conjugate That Eliminates Protein-Protein Interactions. <i>Bioconjugate Chemistry</i> , 2021, 32, 821-832.	3.6	13
27	A smart polymer for sequence-selective binding, pulldown, and release of DNA targets. <i>Communications Biology</i> , 2020, 3, 369.	4.4	12
28	Multivalent Protein-Loaded pH-Stable Polymersomes: First Step toward Protein Targeted Therapeutics. <i>Macromolecular Bioscience</i> , 2021, 21, e2100102.	4.1	12
29	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
30	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
31	Improving glass transition temperature of unsaturated polyester thermosets: Conventional unsaturated polyester resins. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49825.	2.6	10
32	Sphere-Like Protein-Glycopolymer Nanostructures Tailored by Polyassociation. <i>Biomacromolecules</i> , 2016, 17, 32-45.	5.4	9
33	Bivalent Peptide- and Chelator-Containing Bioconjugates as Toolbox Components for Personalized Nanomedicine. <i>Biomacromolecules</i> , 2020, 21, 199-213.	5.4	8
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 & Interfaces</i> , 2016, 8, 6261-6268.	8.0	7
35	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
36	Dealing with the complexity of conjugated and self-assembled polymer nanostructures using field-flow fractionation. <i>Analytical Science Advances</i> , 2021, 2, 95-108.	2.8	7

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37	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
38	Fast and effective chromatographic separation of polymersomes from proteins by multimodal chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1162, 122459.	2.3	6
39	Separation of linear and star-shaped polystyrenes by phase distribution chromatography. <i>Journal of Separation Science</i> , 2010, 33, 3584-3594.	2.5	4
40	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
41	A comprehensive analysis in one run – in-depth conformation studies of protein-polymer chimeras by asymmetrical flow field-flow fractionation. <i>Chemical Science</i> , 2021, 12, 13848-13856.	7.4	4
42	Ligands and characterization for effective bioatom-transfer radical polymerization. <i>Journal of Polymer Science</i> , 2020, 58, 42-47.	3.8	3
43	Tunable polycationic organohalloysite electrocatalyst: Synthesis and characterisation. <i>Applied Clay Science</i> , 2022, 226, 106565.	5.2	2
44	Advanced AF4 Characterization of Dendritic Biomacromolecules, Their Self-Assembly, and Hybrid Formation. <i>ACS Symposium Series</i> , 2018, , 171-187.	0.5	1
45	Enzymatic Nanoreactors: Light-Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors (Small 37/2020). <i>Small</i> , 2020, 16, 2070201.	10.0	1
46	Eukaryotic Cell Biomimetics: Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomes-in-Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation (Small 7/2021). <i>Small</i> , 2021, 17, 2170026.	10.0	0
47	Ligands and characterization for effective bioatom-transfer radical polymerization. <i>Journal of Polymer Science</i> , 2020, 58, 42-47.	3.8	0