

# Georgina K Such

## List of Publications by Year in descending order

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63  
papers

6,008  
citations

66343

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h-index

110387

64  
g-index

67  
all docs

67  
docs citations

67  
times ranked

7530  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Understanding the Biological Interactions of pH-Responsive Nanoparticles. <i>Macromolecular Bioscience</i> , 2022, 22, e2100445.   | 4.1  | 9         |
| 2  | Quantifying the Endosomal Escape of pH-Responsive Nanoparticles Using the Split Luciferase Endosomal Escape Quantification Assay. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 3653-3661. | 8.0  | 19        |
| 3  | Understanding the Polymer Rearrangement of pH-Responsive Nanoparticles. <i>Australian Journal of Chemistry</i> , 2021, 74, 514.  | 0.9  | 1         |
| 4  | Multicompartment Polymeric Nanocarriers for Biomedical Applications. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000298.  | 3.9  | 19        |
| 5  | Understanding Cell Interactions Using Modular Nanoparticle Libraries. <i>Australian Journal of Chemistry</i> , 2019, 72, 595.  | 0.9  | 3         |
| 6  | pH-Responsive Polymer Nanoparticles for Drug Delivery. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800917.  | 3.9  | 318       |
| 7  | Controlling endosomal escape using nanoparticle composition: current progress and future perspectives. <i>Nanomedicine</i> , 2019, 14, 215-223.  | 3.3  | 63        |
| 8  | The Endosomal Escape of Nanoparticles: Toward More Efficient Cellular Delivery. <i>Bioconjugate Chemistry</i> , 2019, 30, 263-272.   | 3.6  | 380       |
| 9  | The potential of nanoparticle vaccines as a treatment for cancer. <i>Molecular Immunology</i> , 2018, 98, 2-7.   | 2.2  | 27        |
| 10 | Controlling Endosomal Escape Using pH-Responsive Nanoparticles with Tunable Disassembly. <i>ACS Applied Nano Materials</i> , 2018, 1, 3164-3173.   | 5.0  | 36        |
| 11 | Nanoescapology: progress toward understanding the endosomal escape of polymeric nanoparticles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1452.            | 6.1  | 185       |
| 12 | Probing Endosomal Escape Using pH-Responsive Nanoparticles. <i>Macromolecular Bioscience</i> , 2017, 17, 1600248.  | 4.1  | 29        |
| 13 | Quantifying Nanoparticle Internalization Using a High Throughput Internalization Assay. <i>Pharmaceutical Research</i> , 2016, 33, 2421-2432.  | 3.5  | 22        |
| 14 | HD Flow Cytometry: An Improved Way to Quantify Cellular Interactions with Nanoparticles. <i>Advanced Healthcare Materials</i> , 2016, 5, 2333-2338.  | 7.6  | 5         |
| 15 | Multifunctional Thrombin-Activatable Polymer Capsules for Specific Targeting to Activated Platelets. <i>Advanced Materials</i> , 2015, 27, 5153-5157.  | 21.0 | 73        |
| 16 | Self-assembling dual component nanoparticles with endosomal escape capability. <i>Soft Matter</i> , 2015, 11, 2993-3002.   | 2.7  | 48        |
| 17 | Interfacing Materials Science and Biology for Drug Carrier Design. <i>Advanced Materials</i> , 2015, 27, 2278-2297.  | 21.0 | 175       |
| 18 | Particle generation, functionalization and sortase-mediated modification with targeting of single-chain antibodies for diagnostic and therapeutic use. <i>Nature Protocols</i> , 2015, 10, 90-105.     | 12.0 | 45        |

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|----|--|------|-----------|
| 19 | Endocytic Capsule Sensors for Probing Cellular Internalization. <i>Advanced Healthcare Materials</i> , 2014, 3, 1551-1554.   | 7.6  | 15        |
| 20 | Endocytic pH-Triggered Degradation of Nanoengineered Multilayer Capsules. <i>Advanced Materials</i> , 2014, 26, 1901-1905.   | 21.0 | 60        |
| 21 | Engineering Enzyme-Cleavable Hybrid Click Capsules with a pH-Sheddable Coating for Intracellular Degradation. <i>Small</i> , 2014, 10, 4080-4086.                          | 10.0 | 19        |
| 22 | Peptide-Tunable Drug Cytotoxicity via One-Step Assembled Polymer Nanoparticles. <i>Advanced Materials</i> , 2014, 26, 2398-2402.   | 21.0 | 44        |
| 23 | Fundamental Studies of Hybrid Poly(2-(diisopropylamino)ethyl) Methacrylate (PDPA-co-PMMA) Nanoparticles. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2784-2792.     | 5.4  | 7         |
| 24 | Mechanically Tunable, Self-Adjuvanting Nanoengineered Polypeptide Particles. <i>Advanced Materials</i> , 2013, 25, 3468-3472.  | 21.0 | 84        |
| 25 | Design of Degradable Click Delivery Systems. <i>Macromolecular Rapid Communications</i> , 2013, 34, 894-902.   | 3.9  | 13        |
| 26 | Immobilization and Intracellular Delivery of an Anticancer Drug Using Mussel-Inspired Polydopamine Capsules. <i>Biomacromolecules</i> , 2012, 13, 2225-2228.               | 5.4  | 298       |
| 27 | Targeting Cancer Cells: Controlling the Binding and Internalization of Antibody-Functionalized Capsules. <i>ACS Nano</i> , 2012, 6, 6667-6674.                             | 14.6 | 81        |
| 28 | Engineering Cellular Degradation of Multilayered Capsules through Controlled Cross-Linking. <i>ACS Nano</i> , 2012, 6, 10186-10194.  | 14.6 | 49        |
| 29 | Engineering Particles for Therapeutic Delivery: Prospects and Challenges. <i>ACS Nano</i> , 2012, 6, 3663-3669.  | 14.6 | 160       |
| 30 | Photoinitiated Alkyne-Azide Click and Radical Cross-Linking Reactions for the Patterning of PEG Hydrogels. <i>Biomacromolecules</i> , 2012, 13, 889-895.                   | 5.4  | 90        |
| 31 | Bio-Click Chemistry: Enzymatic Functionalization of PEGylated Capsules for Targeting Applications. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7132-7136. | 13.8 | 72        |
| 32 | Click poly(ethylene glycol) multilayers on RO membranes: Fouling reduction and membrane characterization. <i>Journal of Membrane Science</i> , 2012, 409-410, 9-15.        | 8.2  | 40        |
| 33 | Synthesis and functionalization of nanoengineered materials using click chemistry. <i>Progress in Polymer Science</i> , 2012, 37, 985-1003.                                | 24.7 | 97        |
| 34 | ATRP-mediated continuous assembly of polymers for the preparation of nanoscale films. <i>Chemical Communications</i> , 2011, 47, 12601.                                    | 4.1  | 46        |
| 35 | Tuning the Properties of Layer-by-Layer Assembled Poly(acrylic acid) Click Films and Capsules. <i>Macromolecules</i> , 2011, 44, 1194-1202.                                | 4.8  | 40        |
| 36 | Modular Assembly of Layer-by-Layer Capsules with Tailored Degradation Profiles. <i>Langmuir</i> , 2011, 27, 1275-1280.   | 3.5  | 44        |

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|----|---|------|-----------|
| 37 | Toward Therapeutic Delivery with Layer-by-Layer Engineered Particles. ACS Nano, 2011, 5, 4252-4257.   | 14.6 | 112       |
| 38 | Dopamine-Mediated Continuous Assembly of Biodegradable Capsules. Chemistry of Materials, 2011, 23, 3141-3143.   | 6.7  | 119       |
| 39 | Engineered hydrogen-bonded polymer multilayers: from assembly to biomedical applications. Chemical Society Reviews, 2011, 40, 19-29.                  | 38.1 | 327       |
| 40 | Assembly and Degradation of Lowâ€Fouling Clickâ€Functionalized Poly(ethylene glycol)â€Based Multilayer Films and Capsules. Small, 2011, 7, 1075-1085. | 10.0 | 55        |
| 41 | Polymersomeâ€Loaded Capsules for Controlled Release of DNA. Small, 2011, 7, 2109-2119.  | 10.0 | 105       |
| 42 | Nanoengineered Films via Surfaceâ€Confined Continuous Assembly of Polymers. Small, 2011, 7, 2863-2867.  | 10.0 | 43        |
| 43 | Chargeâ€Shifting Click Capsules with Dualâ€Responsive Cargo Release Mechanisms. Advanced Materials, 2011, 23, H273-7.                                 | 21.0 | 101       |
| 44 | Challenges facing colloidal delivery systems: From synthesis to the clinic. Current Opinion in Colloid and Interface Science, 2011, 16, 171-181.      | 7.4  | 94        |
| 45 | Controlled release of DNA from poly(vinylpyrrolidone) capsules using cleavable linkers. Biomaterials, 2011, 32, 6277-6284.                            | 11.4 | 47        |
| 46 | Bypassing Multidrug Resistance in Cancer Cells with Biodegradable Polymer Capsules. Advanced Materials, 2010, 22, 5398-5403.                          | 21.0 | 85        |
| 47 | Triggering Release of Encapsulated Cargo. Angewandte Chemie - International Edition, 2010, 49, 2664-2666.   | 13.8 | 91        |
| 48 | Reaction Vessels Assembled by the Sequential Adsorption of Polymers. Advances in Polymer Science, 2010, , 155-179.                                    | 0.8  | 2         |
| 49 | Biodegradable Click Capsules with Engineered Drug-Loaded Multilayers. ACS Nano, 2010, 4, 1653-1663.   | 14.6 | 181       |
| 50 | Surface â€Clickâ€Chemistry on Brominated Plasma Polymer Thin Films. Langmuir, 2010, 26, 3388-3393.  | 3.5  | 48        |
| 51 | Targeting of Cancer Cells Using Click-Functionalized Polymer Capsules. Journal of the American Chemical Society, 2010, 132, 15881-15883.              | 13.7 | 157       |
| 52 | Fabrication of asymmetric â€Janusâ€particles via plasma polymerization. Chemical Communications, 2010, 46, 5121.                                      | 4.1  | 48        |
| 53 | Clickâ€Engineered, Bioresponsive, Drugâ€Loaded PEG Spheres. Advanced Materials, 2009, 21, 4348-4352.  | 21.0 | 34        |
| 54 | Peptideâ€Functionalized, Lowâ€Biofouling Click Multilayers for Promoting Cell Adhesion and Growth. Small, 2009, 5, 444-448.                           | 10.0 | 53        |

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|----|--|------|-----------|
| 55 | Low-Fouling Poly( <i>N</i> -vinyl pyrrolidone) Capsules with Engineered Degradable Properties. <i>Biomacromolecules</i> , 2009, 10, 2839-2846.                   | 5.4  | 100       |
| 56 | Low-Fouling, Biofunctionalized, and Biodegradable Click Capsules. <i>Biomacromolecules</i> , 2008, 9, 3389-3396.   | 5.4  | 118       |
| 57 | Ultrathin, Responsive Polymer Click Capsules. <i>Nano Letters</i> , 2007, 7, 1706-1710.  | 9.1  | 191       |
| 58 | Next generation, sequentially assembled ultrathin films: beyond electrostatics. <i>Chemical Society Reviews</i> , 2007, 36, 707.                                 | 38.1 | 425       |
| 59 | The Use of Block Copolymers to Systematically Modify Photochromic Behavior. <i>Macromolecules</i> , 2006, 39, 9562-9570.   | 4.8  | 42        |
| 60 | Rapid Photochromic Switching in a Rigid Polymer Matrix Using Living Radical Polymerization. <i>Macromolecules</i> , 2006, 39, 1391-1396.                         | 4.8  | 73        |
| 61 | Assembly of Ultrathin Polymer Multilayer Films by Click Chemistry. <i>Journal of the American Chemical Society</i> , 2006, 128, 9318-9319.                       | 13.7 | 356       |
| 62 | The generic enhancement of photochromic dye switching speeds in a rigid polymer matrix. <i>Nature Materials</i> , 2005, 4, 249-253.                              | 27.5 | 226       |
| 63 | Research Trends in Photochromism: Control of Photochromism in Rigid Polymer Matrices and other Advances. <i>Australian Journal of Chemistry</i> , 2005, 58, 825. | 0.9  | 33        |