

# Joshua D Simpson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6617898/publications.pdf>

Version: 2024-02-01

14  
papers

340  
citations

1039406

9  
h-index

1058022

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Localised delivery of doxorubicin to prostate cancer cells through a PSMA-targeted hyperbranched polymer theranostic. <i>Biomaterials</i> , 2017, 141, 330-339.	5.7	68
2	Effects of Surface Charge of Hyperbranched Polymers on Cytotoxicity, Dynamic Cellular Uptake and Localization, Hemotoxicity, and Pharmacokinetics in Mice. <i>Molecular Pharmaceutics</i> , 2017, 14, 4485-4497.	2.3	54
3	Overcoming Instability of Antibody-Nanomaterial Conjugates: Next Generation Targeted Nanomedicines Using Bispecific Antibodies. <i>Advanced Healthcare Materials</i> , 2016, 5, 2055-2068.	3.9	52
4	Using Peptide Aptamer Targeted Polymers as a Model Nanomedicine for Investigating Drug Distribution in Cancer Nanotheranostics. <i>Molecular Pharmaceutics</i> , 2017, 14, 3539-3549.	2.3	45
5	Designed multifunctional polymeric nanomedicines: long-term biodistribution and tumour accumulation of aptamer-targeted nanomaterials. <i>Chemical Communications</i> , 2018, 54, 11538-11541.	2.2	37
6	Engineered Polymeric Materials for Biological Applications: Overcoming Challenges of the Bio-Nano Interface. <i>Polymers</i> , 2019, 11, 1441.	2.0	24
7	Targeted and modular architectural polymers employing bioorthogonal chemistry for quantitative therapeutic delivery. <i>Chemical Science</i> , 2020, 11, 3268-3280.	3.7	22
8	Polymer design and component selection contribute to uptake, distribution & trafficking behaviours of polyethylene glycol hyperbranched polymers in live MDA-MB-468 breast cancer cells. <i>Biomaterials Science</i> , 2019, 7, 4661-4674.	2.6	13
9	Oral Delivery of Multicompartment Nanomedicines for Colorectal Cancer Therapeutics: Combining Local-Regional Delivery with Cell-Target Specificity. <i>Advanced Therapeutics</i> , 2020, 3, 1900171.	1.6	10
10	Fluorophore Selection and Incorporation Contribute to Permeation and Distribution Behaviors of Hyperbranched Polymers in Multi-Cellular Tumor Spheroids and Xenograft Tumor Models. <i>ACS Applied Bio Materials</i> , 2021, 4, 2675-2685.	2.3	4
11	Role of the Redox State of Human Peroxiredoxin-5 on Its TLR4-Activating DAMP Function. <i>Antioxidants</i> , 2021, 10, 1902.	2.2	4
12	Atomic force microscopy applied to interrogate nanoscale cellular chemistry and supramolecular bond dynamics for biomedical applications. <i>Chemical Communications</i> , 2022, 58, 5072-5087.	2.2	4
13	Targeted Nanomaterials: Overcoming Instability of Antibody-Nanomaterial Conjugates: Next Generation Targeted Nanomedicines Using Bispecific Antibodies ( <i>Adv. Healthcare Mater.</i> 16/2016). <i>Advanced Healthcare Materials</i> , 2016, 5, 1994-1994.	3.9	2
14	Cyanine-5-Driven Behaviours of Hyperbranched Polymers Designed for Therapeutic Delivery Are Cell-Type Specific and Correlated with Polar Lipid Distribution in Membranes. <i>Nanomaterials</i> , 2021, 11, 1745.	1.9	1