

Jiyuan Yang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9071620/jiyuan-yang-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

2,686
citations

27
h-index

51
g-index

61
ext. papers

2,911
ext. citations

9
avg, IF

5.57
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 60 | Nanomedicines in B cell-targeting therapies. <i>Acta Biomaterialia</i> , 2021 , 137, 1-1 | 10.8 | 1 |
| 59 | Combination treatment with immunogenic and anti-PD-L1 polymer-drug conjugates of advanced tumors in a transgenic MMTV-PyMT mouse model of breast cancer. <i>Journal of Controlled Release</i> , 2021 , 332, 652-659 | 11.7 | 1 |
| 58 | Dendronized polymer conjugates with amplified immunogenic cell death for oncolytic immunotherapy. <i>Journal of Controlled Release</i> , 2021 , 329, 1129-1138 | 11.7 | 4 |
| 57 | Crosslinking of CD38 Receptors Triggers Apoptosis of Malignant B Cells. <i>Molecules</i> , 2021 , 26, | 4.8 | 2 |
| 56 | Exploration and Evaluation of Therapeutic Efficacy of Drug-Free Macromolecular Therapeutics in Collagen-Induced Rheumatoid Arthritis Mouse Model. <i>Macromolecular Bioscience</i> , 2020 , 20, e1900445 | 5.5 | 4 |
| 55 | Inhibition of Immunosuppressive Tumors by Polymer-Assisted Inductions of Immunogenic Cell Death and Multivalent PD-L1 Crosslinking. <i>Advanced Functional Materials</i> , 2020 , 30, 1908961 | 15.6 | 37 |
| 54 | Multivalent HER2-binding polymer conjugates facilitate rapid endocytosis and enhance intracellular drug delivery. <i>Journal of Controlled Release</i> , 2020 , 319, 285-299 | 11.7 | 16 |
| 53 | Polymer nanomedicines. <i>Advanced Drug Delivery Reviews</i> , 2020 , 156, 40-64 | 18.5 | 25 |
| 52 | Broadening and Enhancing Functions of Antibodies by Self-Assembling Multimerization at Cell Surface. <i>ACS Nano</i> , 2019 , 13, 11422-11432 | 16.7 | 14 |
| 51 | Drug-free macromolecular therapeutics exhibit amplified apoptosis in G2/M phase arrested cells. <i>Journal of Drug Targeting</i> , 2019 , 27, 566-572 | 5.4 | 6 |
| 50 | Drug-free albumin-triggered sensitization of cancer cells to anticancer drugs. <i>Journal of Controlled Release</i> , 2019 , 293, 84-93 | 11.7 | 14 |
| 49 | Drug-free macromolecular therapeutics induce apoptosis in cells isolated from patients with B cell malignancies with enhanced apoptosis induction by pretreatment with gemcitabine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 16, 217-225 | 6 | 10 |
| 48 | Biorecognition: A key to drug-free macromolecular therapeutics. <i>Biomaterials</i> , 2019 , 190-191, 11-23 | 15.6 | 25 |
| 47 | Amplification of CD20 Cross-Linking in Rituximab-Resistant B-Lymphoma Cells Enhances Apoptosis Induction by Drug-Free Macromolecular Therapeutics. <i>ACS Nano</i> , 2018 , 12, 3658-3670 | 16.7 | 32 |
| 46 | Drug-Free Macromolecular Therapeutics Induce Apoptosis in Cells Isolated from Patients with B Cell Malignancies with Enhanced Apoptosis Induction By Pretreatment with Gemcitabine. <i>Blood</i> , 2018 , 132, 4426-4426 | 2.2 | |
| 45 | Drug-Free Macromolecular Therapeutics Induce Apoptosis via Calcium Influx and Mitochondrial Signaling Pathway. <i>Macromolecular Bioscience</i> , 2018 , 18, 1700196 | 5.5 | 26 |
| 44 | Human Serum Albumin-Based Drug-Free Macromolecular Therapeutics: Apoptosis Induction by Coiled-Coil-Mediated Cross-Linking of CD20 Antigens on Lymphoma B Cell Surface. <i>Macromolecular Bioscience</i> , 2018 , 18, e1800224 | 5.5 | 11 |

| | | | |
|----|--|------|----|
| 43 | FRET Imaging of Enzyme-Responsive HPMA Copolymer Conjugate. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600125 | 5.5 | 13 |
| 42 | Backbone Degradable N-(2-Hydroxypropyl)methacrylamide Copolymer Conjugates with Gemcitabine and Paclitaxel: Impact of Molecular Weight on Activity toward Human Ovarian Carcinoma Xenografts. <i>Molecular Pharmaceutics</i> , 2017 , 14, 1384-1394 | 5.6 | 24 |
| 41 | Healing efficacy of fracture-targeted GSK3 β inhibitor-loaded micelles for improved fracture repair. <i>Nanomedicine</i> , 2017 , 12, 185-193 | 5.6 | 9 |
| 40 | A new construct of antibody-drug conjugates for treatment of B-cell non-Hodgkin's lymphomas. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 103, 36-46 | 5.1 | 21 |
| 39 | Drug-free macromolecular therapeutics: Impact of structure on induction of apoptosis in Raji B cells. <i>Journal of Controlled Release</i> , 2017 , 263, 139-150 | 11.7 | 15 |
| 38 | The Light at the End of the Tunnel-Second Generation HPMA Conjugates for Cancer Treatment. <i>Current Opinion in Colloid and Interface Science</i> , 2017 , 31, 30-42 | 7.6 | 41 |
| 37 | Design of smart HPMA copolymer-based nanomedicines. <i>Journal of Controlled Release</i> , 2016 , 240, 9-23 | 11.7 | 43 |
| 36 | Indium-based and iodine-based labeling of HPMA copolymer-epirubicin conjugates: Impact of structure on the in vivo fate. <i>Journal of Controlled Release</i> , 2016 , 235, 306-318 | 11.7 | 10 |
| 35 | Tracking and quantifying polymer therapeutic distribution on a cellular level using 3D dSTORM. <i>Journal of Controlled Release</i> , 2016 , 231, 50-9 | 11.7 | 9 |
| 34 | N-(2-Hydroxypropyl)methacrylamide Copolymer-Drug Conjugates for Combination Chemotherapy of Acute Myeloid Leukemia. <i>Macromolecular Bioscience</i> , 2016 , 16, 121-8 | 5.5 | 9 |
| 33 | POLYMERIC BIOMATERIALS AND NANOMEDICINES. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 30, 318-330 | 4.5 | 15 |
| 32 | FRET-trackable biodegradable HPMA copolymer-epirubicin conjugates for ovarian carcinoma therapy. <i>Journal of Controlled Release</i> , 2015 , 218, 36-44 | 11.7 | 44 |
| 31 | Hybrid polymeric hydrogels via peptide nucleic acid (PNA)/DNA complexation. <i>Journal of Controlled Release</i> , 2015 , 220, 608-16 | 11.7 | 27 |
| 30 | Combination therapy of prostate cancer with HPMA copolymer conjugates containing PI3K/mTOR inhibitor and docetaxel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 89, 107-15 | 5.7 | 23 |
| 29 | Design and synthesis of FRET-trackable HPMA-based biodegradable conjugates for drug/gene delivery. <i>Journal of Controlled Release</i> , 2015 , 213, e58 | 11.7 | |
| 28 | Super-Resolution Imaging and Quantitative Analysis of Membrane Protein/Lipid Raft Clustering Mediated by Cell-Surface Self-Assembly of Hybrid Nanoconjugates. <i>ChemBioChem</i> , 2015 , 16, 1725-9 | 3.8 | 24 |
| 27 | A Two-Step Pretargeted Nanotherapy for CD20 Crosslinking May Achieve Superior Anti-Lymphoma Efficacy to Rituximab. <i>Theranostics</i> , 2015 , 5, 834-46 | 12.1 | 35 |
| 26 | Multimodality imaging of coiled-coil mediated self-assembly in a "drug-free" therapeutic system. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1054-65 | 10.1 | 26 |

| | | | |
|----|---|------|-----|
| 25 | Cell surface self-assembly of hybrid nanoconjugates via oligonucleotide hybridization induces apoptosis. <i>ACS Nano</i> , 2014 , 8, 719-30 | 16.7 | 60 |
| 24 | Sequential combination therapy of ovarian cancer with degradable N-(2-hydroxypropyl)methacrylamide copolymer paclitaxel and gemcitabine conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12181-6 | 11.5 | 108 |
| 23 | Combination cytotoxicity of backbone degradable HPMA copolymer gemcitabine and platinum conjugates toward human ovarian carcinoma cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 87, 187-96 | 5.7 | 42 |
| 22 | Backbone Degradable and Coiled-Coil Based Macromolecular Therapeutics 2014 , 1-28 | | |
| 21 | Immunogenicity of coiled-coil based drug-free macromolecular therapeutics. <i>Biomaterials</i> , 2014 , 35, 5886-96 | 11.7 | 20 |
| 20 | Macromolecular therapeutics. <i>Journal of Controlled Release</i> , 2014 , 190, 288-303 | 11.7 | 55 |
| 19 | Cancer Stem Cells: Potential Target For Anti-Cancer Nanomedicines. <i>ACS Symposium Series</i> , 2013 , 127-149 | 11.4 | 1 |
| 18 | Synthesis and evaluation of a backbone biodegradable multiblock HPMA copolymer nanocarrier for the systemic delivery of paclitaxel. <i>Journal of Controlled Release</i> , 2013 , 166, 66-74 | 11.7 | 93 |
| 17 | Biodegradable multiblock poly(N-2-hydroxypropyl)methacrylamide gemcitabine and paclitaxel conjugates for ovarian cancer cell combination treatment. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 435-43 | 6.5 | 40 |
| 16 | HPMA copolymer-based combination therapy toxic to both prostate cancer stem/progenitor cells and differentiated cells induces durable anti-tumor effects. <i>Journal of Controlled Release</i> , 2013 , 172, 946-53 | 11.7 | 45 |
| 15 | Synthesis of long-circulating, backbone degradable HPMA copolymer-doxorubicin conjugates and evaluation of molecular-weight-dependent antitumor efficacy. <i>Macromolecular Bioscience</i> , 2013 , 13, 155-60 | 5.5 | 50 |
| 14 | Coiled-coil based drug-free macromolecular therapeutics: in vivo efficacy. <i>Journal of Controlled Release</i> , 2012 , 157, 126-31 | 11.7 | 63 |
| 13 | Anti-CD20 multivalent HPMA copolymer-FabTconjugates for the direct induction of apoptosis. <i>Biomaterials</i> , 2012 , 33, 7174-81 | 15.6 | 50 |
| 12 | Smart self-assembled hybrid hydrogel biomaterials. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7396-417 | 16.4 | 244 |
| 11 | Biodegradable Multiblock Poly[N-(2-hydroxypropyl)methacrylamide] via Reversible Addition-Fragmentation Chain Transfer Polymerization and Click Chemistry. <i>Macromolecules</i> , 2011 , 44, 2481-2488 | 5.5 | 111 |
| 10 | Synthesis of Biodegradable Multiblock Copolymers by Click Coupling of RAFT-Generated Heterotelechelic PolyHPMA Conjugates. <i>Reactive and Functional Polymers</i> , 2011 , 71, 294-302 | 4.6 | 99 |
| 9 | Backbone degradable multiblock N-(2-hydroxypropyl)methacrylamide copolymer conjugates via reversible addition-fragmentation chain transfer polymerization and thiol-ene coupling reaction. <i>Biomacromolecules</i> , 2011 , 12, 247-52 | 6.9 | 83 |
| 8 | Drug-Free Macromolecular Therapeutics: Induction of Apoptosis by Coiled-Coil-Mediated Cross-Linking of Antigens on the Cell Surface. <i>Angewandte Chemie</i> , 2010 , 122, 1493-1497 | 3.6 | 24 |

| | | |
|---|--|----------|
| 7 | Drug-free macromolecular therapeutics: induction of apoptosis by coiled-coil-mediated cross-linking of antigens on the cell surface. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1451-5 ^{16.4} | 99 |
| 6 | Peptide-directed self-assembly of hydrogels. <i>Acta Biomaterialia</i> , 2009 , 5, 805-16 | 10.8 183 |
| 5 | Dynamic light scattering study of self-assembly of HPMA hybrid graft copolymers. <i>Biomacromolecules</i> , 2008 , 9, 510-7 | 6.9 42 |
| 4 | Novel Synthesis of HPMA Copolymers Containing Peptide Grafts and Their Self-Assembly Into Hybrid Hydrogels. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 467-475 | 2.6 20 |
| 3 | Hydrogels as smart biomaterials. <i>Polymer International</i> , 2007 , 56, 1078-1098 | 3.3 337 |
| 2 | Hybrid hydrogels self-assembled from HPMA copolymers containing peptide grafts. <i>Macromolecular Bioscience</i> , 2006 , 6, 201-9 | 5.5 69 |
| 1 | Refolding hydrogels self-assembled from N-(2-hydroxypropyl)methacrylamide graft copolymers by antiparallel coiled-coil formation. <i>Biomacromolecules</i> , 2006 , 7, 1187-95 | 6.9 132 |