

Bing Xu

List of Publications by Year in Descending Order

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

359
papers

27,831
citations

84
h-index

160
g-index

393
ext. papers

30,353
ext. citations

9.7
avg, IF

7.41
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 359 | Pharmacological targeting PIKfyve and tubulin as an effective treatment strategy for double-hit lymphoma.. <i>Cell Death Discovery</i> , 2022 , 8, 39 | 6.9 | 1 |
| 358 | Synthesis and bioactivity of pyrrole-conjugated phosphopeptides.. <i>Beilstein Journal of Organic Chemistry</i> , 2022 , 18, 159-166 | 2.5 | 1 |
| 357 | Themis is indispensable for IL-2 and IL-15 signaling in T cells.. <i>Science Signaling</i> , 2022 , 15, eabi9983 | 8.8 | 0 |
| 356 | Enzymatic Noncovalent Synthesis for Targeting Subcellular Organelles.. <i>ChemPlusChem</i> , 2022 , 87, e202208060 | 10.6 | 0 |
| 355 | Therapeutic synergy of Triptolide and MDM2 inhibitor against acute myeloid leukemia through modulation of p53-dependent and -independent pathways.. <i>Experimental Hematology and Oncology</i> , 2022 , 11, 23 | 7.8 | 0 |
| 354 | Supramolecular Assemblies for Cancer Diagnosis and Treatment 2022 , 161-194 | | |
| 353 | Chidamide and apatinib are therapeutically synergistic in acute myeloid leukemia stem and progenitor cells.. <i>Experimental Hematology and Oncology</i> , 2022 , 11, 29 | 7.8 | 0 |
| 352 | Enzymatic noncovalent synthesis of peptide assemblies generates multimolecular crowding in cells for biomedical applications. <i>Chemical Communications</i> , 2021 , 57, 12870-12879 | 5.8 | 2 |
| 351 | Preclinical Evaluation of the HDAC Inhibitor Chidamide in Transformed Follicular Lymphoma.. <i>Frontiers in Oncology</i> , 2021 , 11, 780118 | 5.3 | 0 |
| 350 | Anlotinib suppresses MLL-rearranged acute myeloid leukemia cell growth by inhibiting SETD1A/AKT-mediated DNA damage response. <i>American Journal of Translational Research (discontinued)</i> , 2021 , 13, 1494-1504 | 3 | 1 |
| 349 | Determining Clinical Course of Diffuse Large B-Cell Lymphoma Using Targeted Transcriptome and Machine Learning Algorithms. <i>Blood</i> , 2021 , 138, 2395-2395 | 2.2 | 1 |
| 348 | Efficacy and Safety of Orelabrutinib in Relapsed/Refractory Waldenstrom's Macroglobulinemia Patients. <i>Blood</i> , 2021 , 138, 46-46 | 2.2 | 2 |
| 347 | CS2164 and Venetoclax Show Synergistic Antitumoral Activities in High Grade B-Cell Lymphomas With and Rearrangements. <i>Frontiers in Oncology</i> , 2021 , 11, 618908 | 5.3 | 1 |
| 346 | Dynamic Continuum of Nanoscale Peptide Assemblies Facilitates Endocytosis and Endosomal Escape. <i>Nano Letters</i> , 2021 , 21, 4078-4085 | 11.5 | 9 |
| 345 | Enzymatic Assemblies of Thiophosphopeptides Instantly Target Golgi Apparatus and Selectively Kill Cancer Cells**. <i>Angewandte Chemie</i> , 2021 , 133, 12906-12911 | 3.6 | 4 |
| 344 | Enzymatic Assemblies of Thiophosphopeptides Instantly Target Golgi Apparatus and Selectively Kill Cancer Cells*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12796-12801 | 16.4 | 21 |
| 343 | Disulfiram/copper shows potent cytotoxic effects on myelodysplastic syndromes via inducing Bip-mediated apoptosis and suppressing autophagy. <i>European Journal of Pharmacology</i> , 2021 , 902, 174107 | 5.3 | 3 |

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| 342 | Enzymatic Delivery of Magnetic Nanoparticles into Mitochondria of Live Cells.. <i>ChemNanoMat</i> , 2021 , 7, 1104-1107 | 3.5 | 0 |
| 341 | Trypsin-Instructed Self-Assembly on Endoplasmic Reticulum for Selectively Inhibiting Cancer Cells: Dedicated to Professor George M. Whitesides on the occasion of his 80th birthday. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2000416 | 10.1 | 12 |
| 340 | Enzymatically Forming Cell Compatible Supramolecular Assemblies of Tryptophan-Rich Short Peptides.. <i>Peptide Science</i> , 2021 , 113, e24173 | 3 | 5 |
| 339 | Low-Dose Triptolide Enhanced Activity of Idarubicin Against Acute Myeloid Leukemia Stem-like Cells Via Inhibiting DNA Damage Repair Response. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 616-627 | 7.3 | 1 |
| 338 | Aggressive B-cell Lymphoma with MYC/TP53 Dual Alterations Displays Distinct Clinicopathobiological Features and Response to Novel Targeted Agents. <i>Molecular Cancer Research</i> , 2021 , 19, 249-260 | 6.6 | 9 |
| 337 | Phosphobisaromatic motifs enable rapid enzymatic self-assembly and hydrogelation of short peptides. <i>Soft Matter</i> , 2021 , 17, 8590-8594 | 3.6 | 3 |
| 336 | Biological functions of supramolecular assemblies of small molecules in cellular environment. <i>RSC Chemical Biology</i> , 2021 , 2, 289-305 | 3 | 4 |
| 335 | Peptide Assemblies Mimicking Chaperones for Protein Trafficking. <i>Bioconjugate Chemistry</i> , 2021 , 32, 502-506 | 6.3 | 3 |
| 334 | Optimal Candidates to Do Fresh Embryo Transfer in Those Using Oral Contraceptive Pretreatment in IVF Cycles. <i>Frontiers in Physiology</i> , 2021 , 12, 576917 | 4.6 | 2 |
| 333 | delivery of CRISPR-Cas9 therapeutics: Progress and challenges. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2150-2171 | 15.5 | 17 |
| 332 | Clinical features and outcomes of 1845 patients with follicular lymphoma: a real-world multicenter experience in China. <i>Journal of Hematology and Oncology</i> , 2021 , 14, 131 | 22.4 | 1 |
| 331 | Enzymatically Forming Intranuclear Peptide Assemblies for Selectively Killing Human Induced Pluripotent Stem Cells. <i>Journal of the American Chemical Society</i> , 2021 , 143, 15852-15862 | 16.4 | 8 |
| 330 | XPO1 expression worsens the prognosis of unfavorable DLBCL that can be effectively targeted by selinexor in the absence of mutant p53. <i>Journal of Hematology and Oncology</i> , 2020 , 13, 148 | 22.4 | 12 |
| 329 | Perimitochondrial Enzymatic Self-Assembly for Selective Targeting the Mitochondria of Cancer Cells. <i>ACS Nano</i> , 2020 , 14, 6947-6955 | 16.7 | 27 |
| 328 | Erythropoietin-producing hepatocellular receptor A7 restrains estrogen negative feedback of luteinizing hormone via ephrin A5 in the hypothalamus of female rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E81-E90 | 6 | 2 |
| 327 | Enzymatically Formed Peptide Assemblies Sequester Proteins and Relocate Inhibitors to Selectively Kill Cancer Cells. <i>Angewandte Chemie</i> , 2020 , 132, 16587-16592 | 3.6 | 7 |
| 326 | Enzymatically Formed Peptide Assemblies Sequester Proteins and Relocate Inhibitors to Selectively Kill Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16445-16450 | 16.4 | 39 |
| 325 | Enzyme-Instructed Assemblies Enable Mitochondria Localization of Histone H2B in Cancer Cells. <i>Angewandte Chemie</i> , 2020 , 132, 9416-9420 | 3.6 | 5 |

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| 324 | Apatinib exhibits cytotoxicity toward leukemia cells by targeting VEGFR2-mediated prosurvival signaling and angiogenesis. <i>Experimental Cell Research</i> , 2020 , 390, 111934 | 4.2 | 6 |
| 323 | Artificial Intracellular Filaments. <i>Cell Reports Physical Science</i> , 2020 , 1, | 6.1 | 37 |
| 322 | Enzymatic Insertion of Lipids Increases Membrane Tension for Inhibiting Drug Resistant Cancer Cells. <i>Chemistry - A European Journal</i> , 2020 , 26, 15116-15120 | 4.8 | 7 |
| 321 | Enzyme-Instructed Self-Assembly for Subcellular Targeting. <i>ACS Omega</i> , 2020 , 5, 15771-15776 | 3.9 | 5 |
| 320 | Enzyme-instructed assembly of a cholesterol conjugate promotes pro-inflammatory macrophages and induces apoptosis of cancer cells. <i>Biomaterials Science</i> , 2020 , 8, 2007-2017 | 7.4 | 6 |
| 319 | Enzyme-Instructed Assemblies Enable Mitochondria Localization of Histone H2B in Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9330-9334 | 16.4 | 32 |
| 318 | Enzyme-Instructed Self-Assembly for Cancer Therapy and Imaging. <i>Bioconjugate Chemistry</i> , 2020 , 31, 492-500 | 6.3 | 31 |
| 317 | Low-Dose Triptolide Promotes MDM2 Inhibitor Nutlin3a to Induce Acute Myeloid Leukemia Cell Death Via p53-Dependent and -Independent Mechanisms. <i>Blood</i> , 2020 , 136, 24-24 | 2.2 | |
| 316 | Anlotinib Induced Apoptosis and Regulated the Chemosensitivity and Immune-Related Properties of Leukemia Stem Cells By Inhibiting JAK2-STAT3/5 Signaling. <i>Blood</i> , 2020 , 136, 12-12 | 2.2 | |
| 315 | An Azaindole-Based Small Molecule Hzx-02-059 Induces Methuosis in B-Cell Acute Lymphoblastic Leukemia through the PI3K/AKT Axis. <i>Blood</i> , 2020 , 136, 9-9 | 2.2 | 1 |
| 314 | Gls-010, a Novel Anti-PD-1 Mab in Chinese Patients with Relapsed or Refractory Classical Hodgkin Lymphoma: Preliminary Impressive Results of a Phase II Clinical Trial. <i>Blood</i> , 2020 , 136, 17-17 | 2.2 | |
| 313 | Combination of CS2164 and Venetoclax Shows Synergistic Antitumor Effect in High-Grade B-Cell Lymphomas with ConcomitantMYCandBCL2Rearrangements. <i>Blood</i> , 2020 , 136, 41-41 | 2.2 | |
| 312 | Anlotinib Shows Potent Antileukemia Effects in B-Cell Acute Lymphocytic Leukemia through the Blockage of Angiogenic Related Pathways. <i>Blood</i> , 2020 , 136, 49-49 | 2.2 | |
| 311 | Long-Term Safety and Efficacy of Orelabrutinib Monotherapy in Chinese Patients with Relapsed or Refractory Mantle Cell Lymphoma: A Multicenter, Open-Label, Phase II Study. <i>Blood</i> , 2020 , 136, 1-1 | 2.2 | 4 |
| 310 | Biomaterials based on noncovalent interactions of small molecules. <i>EXCLI Journal</i> , 2020 , 19, 1124-1140 | 2.4 | 1 |
| 309 | Enzymatic Noncovalent Synthesis for Mitochondrial Genetic Engineering of Cancer Cells. <i>Cell Reports Physical Science</i> , 2020 , 1, 100270-100270 | 6.1 | 10 |
| 308 | Emerging Applications of Supramolecular Peptide Assemblies. <i>Trends in Chemistry</i> , 2020 , 2, 71-83 | 14.8 | 19 |
| 307 | Disruption of CTCF Boundary at HOXA Locus Promote BET Inhibitors Therapeutic Sensitivity in Acute Myeloid Leukemia. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 1280-1291 | 7.3 | 1 |

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| 306 | Low-dose triptolide enhances antitumor effect of JQ1 on acute myeloid leukemia through inhibiting RNA polymerase II in vitro and in vivo. <i>Molecular Carcinogenesis</i> , 2020 , 59, 1076-1087 | 5 | 2 |
| 305 | Enzyme-instructed self-assembly of the stereoisomers of pentapeptides to form biocompatible supramolecular hydrogels. <i>Journal of Drug Targeting</i> , 2020 , 28, 760-765 | 5.4 | 8 |
| 304 | Enzyme-instructed morphological transition of the supramolecular assemblies of branched peptides. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 2709-2718 | 2.5 | |
| 303 | The ratio of hydrogelator to precursor controls the enzymatic hydrogelation of a branched peptide. <i>Soft Matter</i> , 2020 , 16, 10101-10105 | 3.6 | 3 |
| 302 | Enzymatic Noncovalent Synthesis. <i>Chemical Reviews</i> , 2020 , 120, 9994-10078 | 68.1 | 53 |
| 301 | Instructed-Assembly of Small Peptides Inhibits Drug-Resistant Prostate Cancer Cells. <i>Peptide Science</i> , 2020 , 112, e24123 | 3 | 7 |
| 300 | Assemblies of d-Peptides for Targeting Cell Nucleolus. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2528-2532 | 6.3 | 17 |
| 299 | IL-21-mediated expansion of V β V α T cells is limited by the Tim-3 pathway. <i>International Immunopharmacology</i> , 2019 , 69, 136-142 | 5.8 | 13 |
| 298 | Instructed Assembly as Context-Dependent Signaling for the Death and Morphogenesis of Cells. <i>Angewandte Chemie</i> , 2019 , 131, 5623-5627 | 3.6 | 7 |
| 297 | Supramolecular Assemblies of Peptides or Nucleopeptides for Gene Delivery. <i>Theranostics</i> , 2019 , 9, 3213-3222 | 3.2 | 28 |
| 296 | Diglycine Enables Rapid Intrabacterial Hydrolysis for Activating Antibiotics against Gram-negative Bacteria. <i>Angewandte Chemie</i> , 2019 , 131, 10741-10744 | 3.6 | 4 |
| 295 | Diglycine Enables Rapid Intrabacterial Hydrolysis for Activating Antibiotics against Gram-negative Bacteria. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10631-10634 | 16.4 | 12 |
| 294 | Role of adiponectin/peroxisome proliferator-activated receptor alpha signaling in human chorionic gonadotropin-induced estradiol synthesis in human luteinized granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2019 , 493, 110450 | 4.4 | 6 |
| 293 | Napabucasin (BBI608) eliminate AML cells in vitro and in vivo via inhibition of Stat3 pathway and induction of DNA damage. <i>European Journal of Pharmacology</i> , 2019 , 855, 252-261 | 5.3 | 8 |
| 292 | Intercellular Instructed-Assembly Mimics Protein Dynamics To Induce Cell Spheroids. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7271-7274 | 16.4 | 39 |
| 291 | Assemblies of Peptides in a Complex Environment and their Applications. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10423-10432 | 16.4 | 54 |
| 290 | Assemblies of Peptides in a Complex Environment and their Applications. <i>Angewandte Chemie</i> , 2019 , 131, 10532-10541 | 3.6 | 13 |
| 289 | Dynamic Continuum of Molecular Assemblies for Controlling Cell Fates. <i>ChemBioChem</i> , 2019 , 20, 2442-2446 | 3.4 | 2 |

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| 288 | CS2164 suppresses acute myeloid leukemia cell growth via inhibiting VEGFR2 signaling in preclinical models. <i>European Journal of Pharmacology</i> , 2019 , 853, 193-200 | 5.3 | 6 |
| 287 | Instructed Assembly as Context-Dependent Signaling for the Death and Morphogenesis of Cells. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5567-5571 | 16.4 | 30 |
| 286 | Enzyme-Instructed Peptide Assemblies Selectively Inhibit Bone Tumors. <i>CheM</i> , 2019 , 5, 2442-2449 | 16.2 | 67 |
| 285 | Co-inhibition of HDAC and MLL-menin interaction targets MLL-rearranged acute myeloid leukemia cells via disruption of DNA damage checkpoint and DNA repair. <i>Clinical Epigenetics</i> , 2019 , 11, 137 | 7.7 | 22 |
| 284 | Enzymatic Noncovalent Synthesis of Supramolecular Soft Matter for Biomedical Applications. <i>Matter</i> , 2019 , 1, 1127-1147 | 12.7 | 27 |
| 283 | Structure-Activity Relationship of Peptide-Conjugated Chloramphenicol for Inhibiting. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 10245-10257 | 8.3 | 2 |
| 282 | Cell-Compatible Nanoprobes for Imaging Intracellular Phosphatase Activities. <i>ChemBioChem</i> , 2019 , 20, 526-531 | 3.8 | 14 |
| 281 | Unraveling the Cellular Mechanism of Assembling Cholesterols for Selective Cancer Cell Death. <i>Molecular Cancer Research</i> , 2019 , 17, 907-917 | 6.6 | 15 |
| 280 | Active Probes for Imaging Membrane Dynamics of Live Cells with High Spatial and Temporal Resolution over Extended Time Scales and Areas. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3505-3509 | 16.4 | 79 |
| 279 | Nucleopeptide Assemblies Selectively Sequester ATP in Cancer Cells to Increase the Efficacy of Doxorubicin. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4931-4935 | 16.4 | 54 |
| 278 | Nucleopeptide Assemblies Selectively Sequester ATP in Cancer Cells to Increase the Efficacy of Doxorubicin. <i>Angewandte Chemie</i> , 2018 , 130, 5025-5029 | 3.6 | 10 |
| 277 | Cellular Uptake of A Taurine-Modified, Ester Bond-Decorated D-Peptide Derivative via Dynamin-Based Endocytosis and Macropinocytosis. <i>Molecular Therapy</i> , 2018 , 26, 648-658 | 11.7 | 13 |
| 276 | Enzymatic Self-Assembly Confers Exceptionally Strong Synergism with NF- κ B Targeting for Selective Necroptosis of Cancer Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2301-2308 | 16.4 | 43 |
| 275 | Determination of the packing model of a supramolecular nanofiber via mass-per-length measurement and de novo simulation. <i>Nanoscale</i> , 2018 , 10, 3990-3996 | 7.7 | 2 |
| 274 | Enzymatic formation of curcumin in vitro and in vivo. <i>Nano Research</i> , 2018 , 11, 3453-3461 | 10 | 11 |
| 273 | Enzymatic Cleavage of Branched Peptides for Targeting Mitochondria. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1215-1218 | 16.4 | 101 |
| 272 | Instructed-Assembly (iA): A Molecular Process for Controlling Cell Fate. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 900-906 | 5.1 | 60 |
| 271 | Kinetic Analysis of Nanostructures Formed by Enzyme-Instructed Intracellular Assemblies against Cancer Cells. <i>ACS Nano</i> , 2018 , 12, 3804-3815 | 16.7 | 29 |

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| 270 | Enzymatic Assemblies Disrupt the Membrane and Target Endoplasmic Reticulum for Selective Cancer Cell Death. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9566-9573 | 16.4 | 117 |
| 269 | Adaptive Multifunctional Supramolecular Assemblies of Glycopeptides Rapidly Enable Morphogenesis. <i>Biochemistry</i> , 2018 , 57, 4867-4879 | 3.2 | 11 |
| 268 | A General Method to Prepare Peptide-Based Supramolecular Hydrogels. <i>Methods in Molecular Biology</i> , 2018 , 1777, 175-180 | 1.4 | |
| 267 | Enzyme-mediated self-assembly 2018 , 399-417 | | 0 |
| 266 | Too Crowded to Be Straight: Insights from Self-Assembly of Heterochiral Tripeptides. <i>CheM</i> , 2018 , 4, 1765-1767 | 16.2 | 2 |
| 265 | Down-regulating Proteolysis to Enhance Anticancer Activity of Peptide Nanofibers. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3464-3468 | 4.5 | 5 |
| 264 | Job Satisfaction Among Doctors from Jiangsu Province in China. <i>Medical Science Monitor</i> , 2018 , 24, 7162-7169 | 3.7 | 6 |
| 263 | Instructed Assembly of Peptides for Intracellular Enzyme Sequestration. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16433-16437 | 16.4 | 43 |
| 262 | What should we focus on before preimplantation genetic diagnosis/screening?. <i>Archives of Medical Science</i> , 2018 , 14, 1119-1124 | 2.9 | 4 |
| 261 | Selection of Secondary Structures of Heterotypic Supramolecular Peptide Assemblies by an Enzymatic Reaction. <i>Angewandte Chemie</i> , 2018 , 130, 11890-11895 | 3.6 | 8 |
| 260 | Selection of Secondary Structures of Heterotypic Supramolecular Peptide Assemblies by an Enzymatic Reaction. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11716-11721 | 16.4 | 21 |
| 259 | D-amino acid-containing supramolecular nanofibers for potential cancer therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2017 , 110-111, 102-111 | 18.5 | 54 |
| 258 | Enzyme-Instructed Self-Assembly of Peptides Containing Phosphoserine to Form Supramolecular Hydrogels as Potential Soft Biomaterials. <i>Frontiers of Chemical Science and Engineering</i> , 2017 , 11, 509-513 | 4.5 | 18 |
| 257 | Dual Fluorescent- and Isotopic-Labelled Self-Assembling Vancomycin for in vivo Imaging of Bacterial Infections. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2356-2360 | 16.4 | 67 |
| 256 | Dual Fluorescent- and Isotopic-Labelled Self-Assembling Vancomycin for in vivo Imaging of Bacterial Infections. <i>Angewandte Chemie</i> , 2017 , 129, 2396-2400 | 3.6 | 10 |
| 255 | Hyper-Crosslinkers Lead to Temperature- and pH-Responsive Polymeric Nanogels with Unusual Volume Change. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2623-2627 | 16.4 | 17 |
| 254 | Hyper-Crosslinkers Lead to Temperature- and pH-Responsive Polymeric Nanogels with Unusual Volume Change. <i>Angewandte Chemie</i> , 2017 , 129, 2667-2671 | 3.6 | 1 |
| 253 | Selectively Inducing Cancer Cell Death by Intracellular Enzyme-Instructed Self-Assembly (EISA) of Dipeptide Derivatives. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601400 | 10.1 | 41 |

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| 252 | In situ generated D-peptidic nanofibrils as multifaceted apoptotic inducers to target cancer cells. <i>Cell Death and Disease</i> , 2017 , 8, e2614 | 9.8 | 30 |
| 251 | Enzyme-Instructed Assembly and Disassembly Processes for Targeting Downregulation in Cancer Cells. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3950-3953 | 16.4 | 100 |
| 250 | Instant Hydrogelation Inspired by Inflammasomes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7579-7583 | 16.4 | 19 |
| 249 | Instant Hydrogelation Inspired by Inflammasomes. <i>Angewandte Chemie</i> , 2017 , 129, 7687-7691 | 3.6 | 6 |
| 248 | Frozen embryo transfer or fresh embryo transfer: Clinical outcomes depend on the number of oocytes retrieved. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017 , 215, 50-54 ²⁻⁴ | 4 | 4 |
| 247 | Bioinspired assembly of small molecules in cell milieu. <i>Chemical Society Reviews</i> , 2017 , 46, 2421-2436 | 58.5 | 128 |
| 246 | Supramolecular biofunctional materials. <i>Biomaterials</i> , 2017 , 129, 1-27 | 15.6 | 145 |
| 245 | Aromatic-Aromatic Interactions Enable α -Helix to β -Sheet Transition of Peptides to Form Supramolecular Hydrogels. <i>Journal of the American Chemical Society</i> , 2017 , 139, 71-74 | 16.4 | 92 |
| 244 | Self-assembly of nucleopeptides to interact with DNAs. <i>Interface Focus</i> , 2017 , 7, 20160116 | 3.9 | 12 |
| 243 | Self-Assembling Ability Determines the Activity of Enzyme-Instructed Self-Assembly for Inhibiting Cancer Cells. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15377-15384 | 16.4 | 76 |
| 242 | Supramolecular catalysis and dynamic assemblies for medicine. <i>Chemical Society Reviews</i> , 2017 , 46, 6470-6479 | 58.5 | 109 |
| 241 | Functional Hyper-Crosslinkers. <i>Chemistry - A European Journal</i> , 2017 , 23, 15844-15851 | 4.8 | 3 |
| 240 | An in situ Dynamic Continuum of Supramolecular Phosphoglycopeptides Enables Formation of 3D Cell Spheroids. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16297-16301 | 16.4 | 37 |
| 239 | Positive Regulation of Interleukin-1 β Bioactivity by Physiological ROS-Mediated Cysteine S-Glutathionylation. <i>Cell Reports</i> , 2017 , 20, 224-235 | 10.6 | 28 |
| 238 | Enzymatic self-assembly of an immunoreceptor tyrosine-based inhibitory motif (ITIM). <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 5689-5692 | 3.9 | 7 |
| 237 | Chirality Controls Reaction-Diffusion of Nanoparticles for Inhibiting Cancer Cells. <i>ChemNanoMat</i> , 2017 , 3, 17-21 | 3.5 | 14 |
| 236 | An in situ Dynamic Continuum of Supramolecular Phosphoglycopeptides Enables Formation of 3D Cell Spheroids. <i>Angewandte Chemie</i> , 2017 , 129, 16515-16519 | 3.6 | 9 |
| 235 | Branched peptides for enzymatic supramolecular hydrogelation. <i>Chemical Communications</i> , 2017 , 54, 86-89 | 5.8 | 26 |

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| 234 | Genetically Encoded Biosensors Reveal PKA Hyperphosphorylation on the Myofilaments in Rabbit Heart Failure. <i>Circulation Research</i> , 2016 , 119, 931-43 | 15.7 | 29 |
| 233 | Enzyme-Regulated Supramolecular Assemblies of Cholesterol Conjugates against Drug-Resistant Ovarian Cancer Cells. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10758-61 | 16.4 | 91 |
| 232 | Integrating Enzymatic Self-Assembly and Mitochondria Targeting for Selectively Killing Cancer Cells without Acquired Drug Resistance. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16046-16055 | 16.4 | 198 |
| 231 | Ligand-Receptor Interaction Modulates the Energy Landscape of Enzyme-Instructed Self-Assembly of Small Molecules. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15397-15404 | 16.4 | 28 |
| 230 | Regulating the Rate of Molecular Self-Assembly for Targeting Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5770-5 | 16.4 | 65 |
| 229 | Enzyme-Instructed Self-Assembly of Small D-Peptides as a Multiple-Step Process for Selectively Killing Cancer Cells. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3813-23 | 16.4 | 179 |
| 228 | The Enzyme-instructed assembly of the core of yeast prion Sup35 to form supramolecular hydrogels. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 1318-1323 | 7.3 | 9 |
| 227 | Nanonets Collect Cancer Secretome from Pericellular Space. <i>PLoS ONE</i> , 2016 , 11, e0154126 | 3.7 | 9 |
| 226 | The safety of intracytoplasmic sperm injection in men with hepatitis B. <i>Archives of Medical Science</i> , 2016 , 12, 587-91 | 2.9 | 3 |
| 225 | Supramolecular Self-assembly of a Model Hydrogelator: Characterization of Fiber Formation and Morphology. <i>Gels</i> , 2016 , 2, | 4.2 | 8 |
| 224 | Regulating the Rate of Molecular Self-Assembly for Targeting Cancer Cells. <i>Angewandte Chemie</i> , 2016 , 128, 5864-5869 | 3.6 | 16 |
| 223 | Self-assembling ultrashort NSAID-peptide nanosponges: multifunctional antimicrobial and anti-inflammatory materials. <i>RSC Advances</i> , 2016 , 6, 114738-114749 | 3.7 | 32 |
| 222 | Reaction-diffusion processes at the nano- and microscales. <i>Nature Nanotechnology</i> , 2016 , 11, 312-9 | 28.7 | 152 |
| 221 | Minimal C-terminal modification boosts peptide self-assembling ability for necroptosis of cancer cells. <i>Chemical Communications</i> , 2016 , 52, 6332-5 | 5.8 | 29 |
| 220 | Self-assembling bisphosphonates into nanofibers to enhance their inhibitory capacity on bone resorption. <i>Nanoscale</i> , 2016 , 8, 10570-5 | 7.7 | 12 |
| 219 | Inspiration from the mirror: D-amino acid containing peptides in biomedical approaches. <i>Biomolecular Concepts</i> , 2016 , 7, 179-87 | 3.7 | 67 |
| 218 | Design and Synthesis of Nanofibers of Self-assembled Glycoconjugates towards Mucosal Lining Restoration and Anti-Inflammatory Drug Delivery. <i>Tetrahedron</i> , 2016 , 72, 6078-6083 | 2.4 | 8 |
| 217 | Enzyme-Instructed Self-Assembly for Spatiotemporal Profiling of the Activities of Alkaline Phosphatases on Live Cells. <i>CheM</i> , 2016 , 1, 246-263 | 16.2 | 110 |

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| 216 | Heterotypic Supramolecular Hydrogels. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5638-5649 | 7.3 | 22 |
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| 1 | A new approach in measuring Cu-EMC adhesion strength by AFM [electronics packaging applications] | | 1 |

