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Specialty
Novel nanomaterials for disease therapy

Selected publications:
1 Zhang, K.; Gao, Y.-H.; Zhong, W.-S.; Cao, H.; Yue, K.; Wang, L.; Wang, H., Ca2+ accelerates peptide fibrillogenesis via a heterogeneous secondary nucleation pathway. *Nanoscale* **2022,** *14*, 3899-3906.
2 Zhang, K.; Zhang, H.; Gao, Y.-H.; Wang, J.-Q.; Li, Y.; Cao, H.; Hu, Y.; Wang, L., A monotargeting peptidic network antibody inhibits more receptors for anti-angiogenesis. *ACS Nano* **2021,** *15*, 13065-13076.
3 Zhang, K.; Zhang, H.; Zou, X.-R.; Hu, Y.; Hou, D.-Y.; Fan, J.-Q.; Yang, C.; Chen, Z.-M.; Wen, S.-F.; Cao, H.; Yang, P.-P.; Wang, L., An antibody-like peptidic network for anti-angiogenesis. *Biomaterials* **2021,** *275*, 120900.
4 Zhang, K.; Yang, P.-P.; He, P.-P.; Wen, S.-F.; Zou, X.-R.; Fan, Y.; Chen, Z.-M.; Cao, H.; Yang, Z.; Yue, K.; Zhang, X.; Zhang, H.; Wang, L.; Wang, H., Peptide-based nanoparticles mimic fibrillogenesis of laminin in tumor vessels for precise embolization. *ACS Nano* **2020,** *14*, 7170-7180.
5 Zhang, K.; Gao, Y.-J.; Yang, P.-P.; Qi, G.-B.; Zhang, J.-P.; Wang, L.; Wang, H., Self-assembled fluorescent organic nanomaterials for biomedical imaging. *Adv. Healthc. Mater.* **2018,** *7*, 1800344.
6 Zhang, K.; Yang, P.-P.; Zhang, J.-P.; Wang, L.; Wang, H., Recent advances of transformable nanoparticles for theranostics. *Chin. Chem. Lett.* **2017,** *28*, 1808-1816.
7 Yang, P.-P.; Zhang, K.; He, P.-P.; Fan, Y.; Gao, X. J.; Gao, X.; Chen, Z.-M.; Hou, D.-Y.; Li, Y.; Yi, Y.; Cheng, D.-B.; Zhang, J.-P.; Shi, L.; Zhang, X.-Z.; Wang, L.; Wang, H., A biomimetic platelet based on assembling peptides initiates artificial coagulation. *Sci. Adv.* **2020,** *6*, eaaz4107.
8 Wen, S.; Zhang, K.; Li, Y.; Fan, J.; Ziming, C.; Zhang, J.; Wang, H.; Wang, L., A self-assembling peptide targeting vegf receptors to inhibit angiogenesis. *Chin. Chem. Lett.* **2020,** *31*, 3153-3157.