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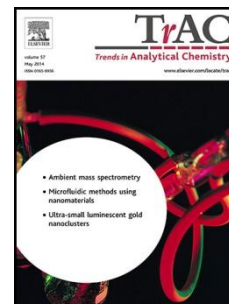
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Aptamers as smart ligands for nano-carriers targeting

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Abbreviations

²²⁵ Ac	Actinium isotope 225
Bcl-xl	B-cell lymphoma-extra large transmembrane protein
CD	Cluster of differentiation
CNTs	Carbon nanotubes
CTLA 4	cytotoxic T-lymphocyte-associated protein 4
Dox	Doxorubicin
EpCAM	Epithelial cell adhesion molecule
EPR	Enhanced permeability and retention effect
FDA	Food and Drug Administration
FluMag SELEX	Fluorescence magnetic bead SELEX
HAPI-Screen	High throughput APtamer Identification-screen
HER-2	human epidermal growth factor receptor 2
IL-6	Interleukin-6
IR	Infra-red
LNCaP cell line	Cells established from a metastatic lymph node lesion of human

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