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Multiplexed fluorescence resonance energy transfer aptasensor between upconversion nanoparticles and graphene oxide for the simultaneous determination of mycot

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292	Critical Review: DNA Aptasensors, Are They Ready for Monitoring Organic Pollutants in Natural and Treated Water Sources?.		
291	Recent advances in nanoparticle-based Fister resonance energy transfer for biosensing, molecular imaging and drug release profiling. <b>2012</b> , 13, 16598-623		106
290	Fluorescent sensing ochratoxin A with single fluorophore-labeled aptamer. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 6281-6	4.4	31
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278	Application of Aptamer Identification Technology in Rapid Analysis of Mycotoxins. <b>2013</b> , 41, 297-306		20
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275	High sensitive immunoassay for multiplex mycotoxin detection with photonic crystal microsphere suspension array. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 2833-40	7.8	80
274	Selection and identification of ssDNA aptamers recognizing zearalenone. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 6573-81	4.4	76
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265 264	Dual fluorescence resonance energy transfer assay between tunable upconversion nanoparticles and controlled gold nanoparticles for the simultaneous detection of Pb[]+ and Hg[]+. <i>Talanta</i> , <b>2014</b> , 128, 327-36  Luminescent biodetection based on lanthanide-doped inorganic nanoprobes. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 273-274, 13-29  Electrochemiluminescence recovery-based aptasensor for sensitive Ochratoxin A detection via	23.2	72 81
<ul><li>265</li><li>264</li><li>263</li></ul>	Dual fluorescence resonance energy transfer assay between tunable upconversion nanoparticles and controlled gold nanoparticles for the simultaneous detection of Pb[]+ and Hg[]+. <i>Talanta</i> , <b>2014</b> , 128, 327-36  Luminescent biodetection based on lanthanide-doped inorganic nanoprobes. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 273-274, 13-29  Electrochemiluminescence recovery-based aptasensor for sensitive Ochratoxin A detection via exonuclease-catalyzed target recycling amplification. <i>Talanta</i> , <b>2014</b> , 125, 45-50  Impedimetric aptasensor for Staphylococcus aureus based on nanocomposite prepared from	23.2	72 81 46
<ul><li>265</li><li>264</li><li>263</li><li>262</li></ul>	Dual fluorescence resonance energy transfer assay between tunable upconversion nanoparticles and controlled gold nanoparticles for the simultaneous detection of Pb[]+ and Hg[]+. <i>Talanta</i> , <b>2014</b> , 128, 327-36  Luminescent biodetection based on lanthanide-doped inorganic nanoprobes. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 273-274, 13-29  Electrochemiluminescence recovery-based aptasensor for sensitive Ochratoxin A detection via exonuclease-catalyzed target recycling amplification. <i>Talanta</i> , <b>2014</b> , 125, 45-50  Impedimetric aptasensor for Staphylococcus aureus based on nanocomposite prepared from reduced graphene oxide and gold nanoparticles. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 967-974  DNA-regulated upconverting nanoparticle signal transducers for multivalued logic operation. <i>Small</i> ,	<ul><li>23.2</li><li>6.2</li><li>5.8</li></ul>	72 81 46 83
<ul><li>265</li><li>264</li><li>263</li><li>262</li><li>261</li></ul>	Dual fluorescence resonance energy transfer assay between tunable upconversion nanoparticles and controlled gold nanoparticles for the simultaneous detection of Pb[]+ and Hg[]+. <i>Talanta</i> , 2014, 128, 327-36  Luminescent biodetection based on lanthanide-doped inorganic nanoprobes. <i>Coordination Chemistry Reviews</i> , 2014, 273-274, 13-29  Electrochemiluminescence recovery-based aptasensor for sensitive Ochratoxin A detection via exonuclease-catalyzed target recycling amplification. <i>Talanta</i> , 2014, 125, 45-50  Impedimetric aptasensor for Staphylococcus aureus based on nanocomposite prepared from reduced graphene oxide and gold nanoparticles. <i>Mikrochimica Acta</i> , 2014, 181, 967-974  DNA-regulated upconverting nanoparticle signal transducers for multivalued logic operation. <i>Small</i> , 2014, 10, 1500-3  A novel amperometric adenosine triphosphate biosensor by immobilizing graphene/dual-labeled aptamers complex onto poly(o-phenylenediamine) modified electrode. <i>Sensors and Actuators B</i> :	<ul><li>23.2</li><li>6.2</li><li>5.8</li><li>11</li></ul>	72 81 46 83 25

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<ul><li>247</li><li>246</li><li>245</li></ul>	The synthesis and mechanism exploration of europium-doped LiYF4 micro-octahedron phosphors with multilevel interiors. <b>2014</b> , 43, 5453-61  Phospholipid-modified upconversion nanoprobe for ratiometric fluorescence detection and imaging of phospholipase D in cell lysate and in living cells. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 7119-27  Upconversion nanophosphors for solar cell applications. <i>RSC Advances</i> , <b>2014</b> , 4, 34873-34895  Chemical sensing with nanoparticles as optical reporters: from noble metal nanoparticles to	3.7	16 78 85
<ul><li>247</li><li>246</li><li>245</li><li>244</li></ul>	The synthesis and mechanism exploration of europium-doped LiYF4 micro-octahedron phosphors with multilevel interiors. 2014, 43, 5453-61  Phospholipid-modified upconversion nanoprobe for ratiometric fluorescence detection and imaging of phospholipase D in cell lysate and in living cells. <i>Analytical Chemistry</i> , 2014, 86, 7119-27  Upconversion nanophosphors for solar cell applications. <i>RSC Advances</i> , 2014, 4, 34873-34895  Chemical sensing with nanoparticles as optical reporters: from noble metal nanoparticles to quantum dots and upconverting nanoparticles. <i>Analyst, The</i> , 2014, 139, 5321-34  Applications of graphene in quality assurance and safety of food. <i>TrAC - Trends in Analytical</i>	3·7 5	16 78 85 35
<ul><li>247</li><li>246</li><li>245</li><li>244</li><li>243</li></ul>	The synthesis and mechanism exploration of europium-doped LiYF4 micro-octahedron phosphors with multilevel interiors. 2014, 43, 5453-61  Phospholipid-modified upconversion nanoprobe for ratiometric fluorescence detection and imaging of phospholipase D in cell lysate and in living cells. Analytical Chemistry, 2014, 86, 7119-27  Upconversion nanophosphors for solar cell applications. RSC Advances, 2014, 4, 34873-34895  Chemical sensing with nanoparticles as optical reporters: from noble metal nanoparticles to quantum dots and upconverting nanoparticles. Analyst, The, 2014, 139, 5321-34  Applications of graphene in quality assurance and safety of food. TrAC - Trends in Analytical Chemistry, 2014, 60, 36-53  Multiplex chemiluminescent immunoassay for screening of mycotoxins using photonic crystal	3·7 5 14.6	16 78 85 35 81

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29	Progress on Lanthanide Ion-Activated Inorganic Hybrid Phosphors: Properties and Applications. <i>Engineering Materials</i> , <b>2022</b> , 303-359	0.4	
28	A sensitive and simple competitive nanozyme-linked apta-sorbent assay for the dual-mode detection of ochratoxin A <i>Analyst, The</i> , <b>2022</b> ,	5	1
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26	A highly sensitive fluorometric biosensor for Fumonisin B1 detection based on upconversion nanoparticles-graphene oxide and catalytic hairpin assembly <i>Analytica Chimica Acta</i> , <b>2022</b> , 1207, 33981	16.6	O
25	CRISPR-Cas12a-mediated luminescence resonance energy transfer aptasensing platform for deoxynivalenol using gold nanoparticle-decorated TiCT MXene as the enhanced quencher <i>Journal of Hazardous Materials</i> , <b>2022</b> , 433, 128750	12.8	6
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