

# Hao-Yu Shen

## List of Publications by Year in descending order

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28  
papers

1,601  
citations

394421

19  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2209  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Magnetic stir bars with hyperbranched aptamer as coating for selective, effective headspace extraction of trace polychlorinated biphenyls in soils. <i>Journal of Chromatography A</i> , 2020, 1614, 460715.  | 3.7  | 24        |
| 2  | Microfluidic Chip for Multiplex Detection of Trace Chemical Contaminants Based on Magnetic Encoded Aptamer Probes and Multibranch DNA Nanostructures as Signal Tags. <i>ACS Sensors</i> , 2019, 4, 2131-2139.   | 7.8  | 34        |
| 3  | Facile preparation of a tetraethylenepentamine-functionalized nano magnetic composite material and its adsorption mechanism to anions: competition or cooperation. <i>RSC Advances</i> , 2018, 8, 10686-10697.  | 3.6  | 9         |
| 4  | Design and controllable synthesis of ethylenediamine-grafted ion imprinted magnetic polymers for highly selective adsorption to perchlorate. <i>RSC Advances</i> , 2018, 8, 29928-29938.  | 3.6  | 4         |
| 5  | Highly selective amino-functionalized magnetic molecularly imprinted polymers: adsorbents for dispersive solid phase extraction and trace level analysis of chlorophenols in seawater. <i>RSC Advances</i> , 2016, 6, 81330-81340.  | 3.6  | 19        |
| 6  | Controlled synthesis of 2,4,6-trichlorophenol-imprinted amino-functionalized nano-Fe <sub>3</sub> O <sub>4</sub> -polymer magnetic composite for highly selective adsorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 481, 439-450.                                     | 4.7  | 25        |
| 7  | Adsorption of phosphate onto amine functionalized nano-sized magnetic polymer adsorbents: mechanism and magnetic effects. <i>RSC Advances</i> , 2015, 5, 22080-22090.   | 3.6  | 43        |
| 8  | <i>In situ</i> controllable synthesis of graphene oxide-based ternary magnetic molecularly imprinted polymer hybrid for efficient enrichment and detection of eight microcystins. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23042-23052.   | 10.3 | 25        |
| 9  | Double-sided magnetic molecularly imprinted polymer modified graphene oxide for highly efficient enrichment and fast detection of trace-level microcystins from large-volume water samples combined with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1422, 1-12. | 3.7  | 40        |
| 10 | Controlled synthesis of pentachlorophenol-imprinted polymers on the surface of magnetic graphene oxide for highly selective adsorption. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15345-15356.   | 10.3 | 52        |
| 11 | Self-assembly of a surface bisphenol A-imprinted core-shell nanoring amino-functionalized superparamagnetic polymer. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11648.  | 10.3 | 40        |
| 12 | New Insights into the Sorption and Detoxification of Chromium(VI) by Tetraethylenepentamine Functionalized Nanosized Magnetic Polymer Adsorbents: Mechanism and pH Effect. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 12723-12732.  | 3.7  | 66        |
| 13 | Amino-functionalized Nano-size Composite Materials for Dispersive Solid-Phase Extraction of Phosphate in Water Samples. <i>Analytical Sciences</i> , 2012, 28, 887-892.   | 1.6  | 9         |
| 14 | An intensive study on the magnetic effect of mercapto-functionalized nano-magnetic Fe <sub>3</sub> O <sub>4</sub> polymers and their adsorption mechanism for the removal of Hg(II) from aqueous solution. <i>Chemical Engineering Journal</i> , 2012, 210, 564-574.  | 12.7 | 149       |
| 15 | Use of tetraethylenepentamine-functional Fe <sub>3</sub> O <sub>4</sub> magnetic polymers for matrix solid phase dispersion extraction and preconcentration of Cr(VI) in water samples at ultratrace levels. <i>Talanta</i> , 2012, 97, 124-130.  | 5.5  | 31        |
| 16 | A new insight on the adsorption mechanism of amino-functionalized nano-Fe <sub>3</sub> O <sub>4</sub> magnetic polymers in Cu(II), Cr(VI) co-existing water system. <i>Chemical Engineering Journal</i> , 2012, 183, 180-191.   | 12.7 | 146       |
| 17 | Surface mercapto engineered magnetic Fe <sub>3</sub> O <sub>4</sub> nanoadsorbent for the removal of mercury from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2012, 365, 204-212.  | 9.4  | 116       |
| 18 | Adsorption Studies on Phosphate by Amino-functionalized Nano-size Composite Materials. <i>Acta Chimica Sinica</i> , 2012, 70, 1839.   | 1.4  | 7         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Determination of Trichlorobenzenes and 2,4,6-Trichlorophenol in Wastewater of Machining by Dispersive Liquid-Liquid Microextraction - Gas Chromatography/Mass Spectrometry. , 2011, , .                                |      | 1         |
| 20 | In Vitro Study of DNA Interaction with Melamine and Its Related Compounds. DNA and Cell Biology, 2011, 30, 255-264.  | 1.9  | 13        |
| 21 | Notice of Retraction: The Adsorption Property Investigation of Tetraethylenepentamine Functionalized Nano-Fe <sub>3</sub> O <sub>4</sub> Polymer Adsorbents on Cu(II) from Wastewater. , 2011, , .                     |      | 0         |
| 22 | Preparation and characterization of amino-functionalized nano-Fe <sub>3</sub> O <sub>4</sub> magnetic polymer adsorbents for removal of chromium(VI) ions. Journal of Materials Science, 2010, 45, 5291-5301.          | 3.7  | 145       |
| 23 | Synthesis, characterization and properties of ethylenediamine-functionalized Fe <sub>3</sub> O <sub>4</sub> magnetic polymers for removal of Cr(VI) in wastewater. Journal of Hazardous Materials, 2010, 182, 295-302. | 12.4 | 217       |
| 24 | Efficient Copper-bisisoquinoline-based Catalysts for Selective Aerobic Oxidation of Alcohols to Aldehydes and Ketones. International Journal of Molecular Sciences, 2007, 8, 505-512.                                  | 4.1  | 23        |
| 25 | Simultaneous determination of seven phthalates and four parabens in cosmetic products using HPLC-DAD and GC-MS methods. Journal of Separation Science, 2007, 30, 48-54.  | 2.5  | 157       |
| 26 | Preparation of Fe <sub>3</sub> O <sub>4</sub> -C18 nano-magnetic composite materials and their cleanup properties for organophosphorous pesticides. Analytical and Bioanalytical Chemistry, 2007, 387, 2227-2237.      | 3.7  | 98        |
| 27 | Simultaneous screening and determination eight phthalates in plastic products for food use by sonication-assisted extraction/GC-MS methods. Talanta, 2005, 66, 734-739.  | 5.5  | 102       |
| 28 | One-pot solvothermal preparation of ethylenediamine-functionalized nanochain and its adsorption-in situ degradation of 2,4,6-trichlorophenol. , 0, 102, 253-263.   |      | 1         |