# Zan Qu

## List of Publications by Year in Descending Order



| | | | |
|---|---|---|---|
| 115 papers | 4,905 citations | 41 h-index | 66 g-index |
| 118 ext. papers | 5,796 ext. citations | 9.4 avg, IF | 5.87 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 115 | Regulation of the Sulfur Environment in Clusters to Construct a Mn-SnS Framework for Mercury Bonding.. *Environmental Science & Technology*, **2022**, | 10.3 | 3 |
| 114 | Sustained-release of interlayer chloride in iron oxychloride for mercury oxidation from industrial flue gas. *Chemical Engineering Journal*, **2022**, 429, 132502 | 14.7 | 0 |
| 113 | Surface protection method for the magnetic core using covalent organic framework shells and its application in As(III) depth removal from acid wastewater.. *Journal of Environmental Sciences*, **2022**, 115, 1-9 | 6.4 | 1 |
| 112 | Enhanced simultaneous absorption of NO and SO in oxidation-reduction-absorption process with a compounded system based on NaSO.. *Journal of Environmental Sciences*, **2022**, 111, 1-10 | 6.4 | 3 |
| 111 | Fabrication of Cu2S hollow nanocages with enhanced high-temperature adsorption activity and recyclability for elemental mercury capture. *Chemical Engineering Journal*, **2022**, 427, 130935 | 14.7 | 6 |
| 110 | Selective uptake of gaseous sulfur trioxide and mercury in ZnO-CuS composite at elevated temperatures from SO2-rich flue gas. *Chemical Engineering Journal*, **2022**, 427, 132035 | 14.7 | 1 |
| 109 | Morphology control enables [SnS4]4□clusters and MgFe-LDHs dual active sites for the adsorption of mercury and arsenic ions. *Chemical Engineering Journal*, **2021**, 133761 | 14.7 | |
| 108 | Strengthen the Affinity of Element Mercury on the Carbon-Based Material by Adjusting the Coordination Environment of Single-Site Manganese. *Environmental Science & Technology*, **2021**, 55, 14126-14135 | 10.3 | 2 |
| 107 | Metastable Facet-Controlled CuWS Single Crystals with Enhanced Adsorption Activity for Gaseous Elemental Mercury. *Environmental Science & Technology*, **2021**, 55, 5347-5356 | 10.3 | 6 |
| 106 | Production of HS with a Novel Short-Process for the Removal of Heavy Metals in Acidic Effluents from Smelting Flue-Gas Scrubbing Systems. *Environmental Science & Technology*, **2021**, 55, 3988-3995 | 10.3 | 4 |
| 105 | Adsorption of Gaseous Mercury for Engineering Optimization: From Macrodynamics to Adsorption Kinetics and Thermodynamics. *ACS ES&T Engineering*, **2021**, 1, 865-873 | | 8 |
| 104 | Co-absorption and Reduction Mechanism of SO2 and NO2 from Flue Gas Using a Na2SO3 Solution with an Oxidation Inhibitor. *Environmental Engineering Science*, **2021**, 38, 277-284 | 2 | 0 |
| 103 | Dual-functional Sites for Selective Adsorption of Mercury and Arsenic ions in [SnS]/MgFe-LDH from Wastewater. *Journal of Hazardous Materials*, **2021**, 403, 123940 | 12.8 | 24 |
| 102 | Radical-Induced Oxidation Removal of Mercury by Ozone Coupled with Bromine. *ACS ES&T Engineering*, **2021**, 1, 110-116 | | 3 |
| 101 | NOx Absorption Enhancement and Sulfite Oxidation Inhibition via a Match Strategy in Na2SO3 Solution from a Wet Flue Gas Denitration System. *ACS ES&T Engineering*, **2021**, 1, 100-109 | | 1 |
| 100 | Mercury removal from flue gas using UiO-66-type metal-organic frameworks grafted with organic functionalities. *Fuel*, **2021**, 289, 119807 | 7.1 | 9 |
| 99 | Shell-thickness-induced spontaneous inward migration of mercury in porous ZnO@CuS for gaseous mercury immobilization. *Chemical Engineering Journal*, **2021**, 420, 127592 | 14.7 | 15 |

| | | | |
|---|---|---|---|
| 98 | Synergistic interaction and mechanistic evaluation of NO oxidation catalysis on Pt/Fe2O3 cubes. *Chemical Engineering Journal*, **2021**, 413, 127447 | 14.7 | 9 |
| 97 | Boosting RuO2 Surface Reactivity by Cu Active Sites over Ru/Cu-SSZ-13 for Simultaneous Catalytic Oxidation of CO and NH3. *Journal of Physical Chemistry C*, **2021**, 125, 17031-17041 | 3.8 | 3 |
| 96 | Catalytic performance and mechanistic evaluation of sulfated CeO cubes for selective catalytic reduction of NO with ammonia. *Journal of Hazardous Materials*, **2021**, 420, 126545 | 12.8 | 7 |
| 95 | Insight into the interfacial stability and reaction mechanism between gaseous mercury and chalcogen-based sorbents in SO-containing flue gas. *Journal of Colloid and Interface Science*, **2020**, 577, 503-511 | 9.3 | 9 |
| 94 | Acceleration of Hg Adsorption onto Natural Sphalerite by Cu Activation during Flotation: Mechanism and Applications in Hg Recovery. *Environmental Science & Technology*, **2020**, 54, 7687-7696 | 10.3 | 14 |
| 93 | Atomically Dispersed Manganese on a Carbon-Based Material for the Capture of Gaseous Mercury: Mechanisms and Environmental Applications. *Environmental Science & Technology*, **2020**, 54, 5249-5257 | 10.3 | 17 |
| 92 | Enhancing the catalytic oxidation of elemental mercury and suppressing sulfur-toxic adsorption sites from SO-containing gas in Mn-SnS. *Journal of Hazardous Materials*, **2020**, 392, 122230 | 12.8 | 21 |
| 91 | Alkali-induced deactivation mechanism of V2O5-WO3/TiO2 catalyst during selective catalytic reduction of NO by NH3 in aluminum hydrate calcining flue gas. *Applied Catalysis B: Environmental*, **2020**, 270, 118872 | 21.8 | 26 |
| 90 | Co-doped ZnS with large adsorption capacity for recovering Hg from non-ferrous metal smelting gas as a co-benefit of electrostatic demisters. *Environmental Science and Pollution Research*, **2020**, 27, 20469-20477 | 5.1 | 17 |
| 89 | Utilization of Ag nanoparticles anchored in covalent organic frameworks for mercury removal from acidic waste water. *Journal of Hazardous Materials*, **2020**, 389, 121824 | 12.8 | 49 |
| 88 | Removal of Hg with Polypyrrole-Functionalized FeO/Kaolin: Synthesis, Performance and Optimization with Response Surface Methodology. *Nanomaterials*, **2020**, 10, | 5.4 | 7 |
| 87 | Gaseous mercury capture using supported CuSx on layered double hydroxides from SO2-rich flue gas. *Chemical Engineering Journal*, **2020**, 400, 125963 | 14.7 | 17 |
| 86 | Selective Reductive Removal of Silver Ions from Acidic Solutions by Redox-Active Covalent Organic Frameworks. *ACS Applied Materials & Interfaces*, **2020**, 12, 37619-37627 | 9.5 | 6 |
| 85 | Zinc concentrate internal circulation technology for elemental mercury recovery from zinc smelting flue gas. *Fuel*, **2020**, 280, 118566 | 7.1 | 5 |
| 84 | Stepwise Ions Incorporation Method for Continuously Activating PbS to Recover Mercury from Hg-Rich Flue Gas. *Environmental Science & Technology*, **2020**, 54, 11594-11601 | 10.3 | 13 |
| 83 | Surface nano-traps of Fe0/COFs for arsenic(III) depth removal from wastewater in non-ferrous smelting industry. *Chemical Engineering Journal*, **2020**, 381, 122559 | 14.7 | 32 |
| 82 | Surface acidity enhancement of CeO2 catalysts via modification with a heteropoly acid for the selective catalytic reduction of NO with ammonia. *Catalysis Science and Technology*, **2019**, 9, 5774-5785 | 5.5 | 12 |
| 81 | Design of Co3O4/CeO2□Co3O4 hierarchical binary oxides for the catalytic oxidation of dibromomethane. *Journal of Industrial and Engineering Chemistry*, **2019**, 73, 134-141 | 6.3 | 14 |

| | | | |
|---|---|---|---|
| 80 | Facile Synthesis of Polypyrrole-Functionalized CoFe□□@SiO□ for Removal for Hg(II). *Nanomaterials*, **2019**, 9, | 5.4 | 23 |
| 79 | One Step Interface Activation of ZnS Using Cupric Ions for Mercury Recovery from Nonferrous Smelting Flue Gas. *Environmental Science & Technology*, **2019**, 53, 4511-4518 | 10.3 | 57 |
| 78 | A sulfur-resistant CuS-modified active coke for mercury removal from municipal solid waste incineration flue gas. *Environmental Science and Pollution Research*, **2019**, 26, 24831-24839 | 5.1 | 14 |
| 77 | Immobilization of elemental mercury in non-ferrous metal smelting gas using ZnSe1□Sx nanoparticles. *Fuel*, **2019**, 254, 115641 | 7.1 | 29 |
| 76 | Recyclable CuS sorbent with large mercury adsorption capacity in the presence of SO2 from non-ferrous metal smelting flue gas. *Fuel*, **2019**, 235, 847-854 | 7.1 | 86 |
| 75 | Study on the regenerable sulfur-resistant sorbent for mercury removal from nonferrous metal smelting flue gas. *Fuel*, **2019**, 241, 451-458 | 7.1 | 43 |
| 74 | [SnS] clusters modified MgAl-LDH composites for mercury ions removal from acid wastewater. *Environmental Pollution*, **2019**, 247, 146-154 | 9.3 | 14 |
| 73 | Graphene enhanced Mn-Ce binary metal oxides for catalytic oxidation and adsorption of elemental mercury from coal-fired flue gas. *Chemical Engineering Journal*, **2019**, 358, 1499-1506 | 14.7 | 56 |
| 72 | Morphology-controlled synthesis and sulfur modification of 3D hierarchical layered double hydroxides for gaseous elemental mercury removal. *Journal of Colloid and Interface Science*, **2019**, 536, 431-439 | 9.3 | 18 |
| 71 | Ag-Fe3O4@rGO ternary magnetic adsorbent for gaseous elemental mercury removal from coal-fired flue gas. *Fuel*, **2019**, 239, 579-586 | 7.1 | 44 |
| 70 | Hierarchical Ag-SiO@FeO magnetic composites for elemental mercury removal from non-ferrous metal smelting flue gas. *Journal of Environmental Sciences*, **2019**, 79, 111-120 | 6.4 | 29 |
| 69 | Combined effects of Ag and UiO-66 for removal of elemental mercury from flue gas. *Chemosphere*, **2018**, 197, 65-72 | 8.4 | 31 |
| 68 | Cu-BTC as a novel material for elemental mercury removal from sintering gas. *Fuel*, **2018**, 217, 297-305 | 7.1 | 41 |
| 67 | A novel method for the sequential removal and separation of multiple heavy metals from wastewater. *Journal of Hazardous Materials*, **2018**, 342, 617-624 | 12.8 | 105 |
| 66 | Elemental mercury catalytic oxidation removal and SeO2 poisoning investigation over RuO2 modified Ce-Zr complex. *Applied Catalysis A: General*, **2018**, 564, 64-71 | 5.1 | 12 |
| 65 | Research of mercury removal from sintering flue gas of iron and steel by the open metal site of Mil-101(Cr). *Journal of Hazardous Materials*, **2018**, 351, 301-307 | 12.8 | 46 |
| 64 | Design of 3D MnO/Carbon sphere composite for the catalytic oxidation and adsorption of elemental mercury. *Journal of Hazardous Materials*, **2018**, 342, 69-76 | 12.8 | 77 |
| 63 | A Mild and Facile Synthesis of Amino Functionalized CoFe□□@SiO□ for Hg(II) Removal. *Nanomaterials*, **2018**, 8, | 5.4 | 28 |

| | | | |
|---|---|---|---|
| 62 | Effective and regenerable Ag/graphene adsorbent for Hg(II) removal from aqueous solution. *Fuel*, **2017**, 203, 128-134 | 7.1 | 41 |
| 61 | Ag-Mo modified SCR catalyst for a co-beneficial oxidation of elemental mercury at wide temperature range. *Fuel*, **2017**, 200, 236-243 | 7.1 | 26 |
| 60 | Morphology-dependent properties of Co 3 O 4 /CeO 2 catalysts for low temperature dibromomethane (CH 2 Br 2 ) oxidation. *Chemical Engineering Journal*, **2017**, 320, 124-134 | 14.7 | 60 |
| 59 | [MoS] Cluster Bridges in Co-Fe Layered Double Hydroxides for Mercury Uptake from S-Hg Mixed Flue Gas. *Environmental Science & Technology*, **2017**, 51, 10109-10116 | 10.3 | 77 |
| 58 | Catalytic oxidation of dibromomethane over Ti-modified CoO catalysts: Structure, activity and mechanism. *Journal of Colloid and Interface Science*, **2017**, 505, 870-883 | 9.3 | 11 |
| 57 | Gaseous Heterogeneous Catalytic Reactions over Mn-Based Oxides for Environmental Applications: A Critical Review. *Environmental Science & Technology*, **2017**, 51, 8879-8892 | 10.3 | 201 |
| 56 | Stabilization of mercury over Mn-based oxides: Speciation and reactivity by temperature programmed desorption analysis. *Journal of Hazardous Materials*, **2017**, 321, 745-752 | 12.8 | 41 |
| 55 | Mn-Promoted Co3O4/TiO2 as an efficient catalyst for catalytic oxidation of dibromomethane (CH2Br2). *Journal of Hazardous Materials*, **2016**, 318, 1-8 | 12.8 | 31 |
| 54 | Mn-based perovskite oxides for Hg0 adsorption and regeneration via a temperature swing adsorption (TSA) process. *Fuel*, **2016**, 182, 428-436 | 7.1 | 17 |
| 53 | Enhancement of heterogeneous oxidation and adsorption of Hg 0 in a wide temperature window using SnO 2 supported LaMnO 3 perovskite oxide. *Chemical Engineering Journal*, **2016**, 292, 123-129 | 14.7 | 27 |
| 52 | Elemental mercury (Hg 0 ) removal over spinel LiMn 2 O 4 from coal-fired flue gas. *Chemical Engineering Journal*, **2016**, 299, 142-149 | 14.7 | 21 |
| 51 | Significance of Fe2O3 modified SCR catalyst for gas-phase elemental mercury oxidation in coal-fired flue gas. *Fuel Processing Technology*, **2016**, 149, 23-28 | 7.2 | 33 |
| 50 | Novel Effective Catalyst for Elemental Mercury Removal from Coal-Fired Flue Gas and the Mechanism Investigation. *Environmental Science & Technology*, **2016**, 50, 2564-72 | 10.3 | 50 |
| 49 | Catalytic oxidation and adsorption of Hg0 over low-temperature NH3-SCR LaMnO3 perovskite oxide from flue gas. *Applied Catalysis B: Environmental*, **2016**, 186, 30-40 | 21.8 | 99 |
| 48 | An enhancement method for the elemental mercury removal from coal-fired flue gas based on novel discharge activation reactor. *Fuel*, **2016**, 171, 59-64 | 7.1 | 19 |
| 47 | Size-dependent nanocrystal sorbent for copper removal from water. *Chemical Engineering Journal*, **2016**, 284, 565-570 | 14.7 | 25 |
| 46 | Novel effect of SO 2 on selective catalytic oxidation of slip ammonia from coal-fired flue gas over IrO 2 modified Ce□r solid solution and the mechanism investigation. *Fuel*, **2016**, 166, 179-187 | 7.1 | 45 |
| 45 | Enhancement of Ce1□SnxO2 support in LaMnO3 for the catalytic oxidation and adsorption of elemental mercury. *RSC Advances*, **2016**, 6, 63559-63567 | 3.7 | 12 |

| | | | |
|---|---|---|---|
| 44 | The performance and mechanism for the catalytic oxidation of dibromomethane (CH2Br2) over Co3O4/TiO2 catalysts. *RSC Advances*, **2016**, 6, 31181-31190 | 3.7 | 12 |
| 43 | Cyclodextrin stabilized magnetic Fe3S4 nanoparticles for efficient removal of Pb(II). *Journal of Materials Chemistry A*, **2015**, 3, 15755-15763 | 13 | 72 |
| 42 | Different crystal-forms of one-dimensional MnO2 nanomaterials for the catalytic oxidation and adsorption of elemental mercury. *Journal of Hazardous Materials*, **2015**, 299, 86-93 | 12.8 | 84 |
| 41 | The performance and mechanism of Ag-doped CeO2/TiO2 catalysts in the catalytic oxidation of gaseous elemental mercury. *Catalysis Science and Technology*, **2015**, 5, 2985-2993 | 5.5 | 20 |
| 40 | MnOx/Graphene for the Catalytic Oxidation and Adsorption of Elemental Mercury. *Environmental Science & Technology*, **2015**, 49, 6823-30 | 10.3 | 151 |
| 39 | Regenerable Ag/graphene sorbent for elemental mercury capture at ambient temperature. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 476, 83-89 | 5.1 | 32 |
| 38 | Ag-modified AgTiO2 as an excellent and durable catalyst for catalytic oxidation of elemental mercury. *RSC Advances*, **2015**, 5, 30841-30850 | 3.7 | 25 |
| 37 | Regenerable Sorbent with a High Capacity for Elemental Mercury Removal and Recycling from the Simulated Flue Gas at a Low Temperature. *Energy & Fuels*, **2015**, 29, 6187-6196 | 4.1 | 37 |
| 36 | Magnetic Biochar Decorated with ZnS Nanocrytals for Pb (II) Removal. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 125-132 | 8.3 | 145 |
| 35 | The cooperation of FeSn in a MnOx complex sorbent used for capturing elemental mercury. *Fuel*, **2015**, 140, 803-809 | 7.1 | 37 |
| 34 | Removal of mercury from flue gas from nonferrous metal smelting, by use of mercury chloride solution, and mechanisms of inhibition by sulfur dioxide. *Research on Chemical Intermediates*, **2015**, 41, 5889-5905 | 2.8 | 8 |
| 33 | Co-benefit of Ag and Mo for the catalytic oxidation of elemental mercury. *Fuel*, **2015**, 158, 891-897 | 7.1 | 24 |
| 32 | Absorption characteristics of elemental mercury in mercury chloride solutions. *Journal of Environmental Sciences*, **2014**, 26, 2257-65 | 6.4 | 9 |
| 31 | Competition of selective catalytic reduction and non selective catalytic reduction over MnOx/TiO2 for NO removal: the relationship between gaseous NO concentration and N2O selectivity. *Catalysis Science and Technology*, **2014**, 4, 224-232 | 5.5 | 71 |
| 30 | The performance of Ag doped V2O5TiO2 catalyst on the catalytic oxidation of gaseous elemental mercury. *Catalysis Science and Technology*, **2014**, 4, 4036-4044 | 5.5 | 24 |
| 29 | Investigation on mercury removal method from flue gas in the presence of sulfur dioxide. *Journal of Hazardous Materials*, **2014**, 279, 289-95 | 12.8 | 30 |
| 28 | Sn-Mn binary metal oxides as non-carbon sorbent for mercury removal in a wide-temperature window. *Journal of Colloid and Interface Science*, **2014**, 428, 121-7 | 9.3 | 41 |
| 27 | CO2 adsorption performance of ZIF-7 and its endurance in flue gas components. *Frontiers of Environmental Science and Engineering*, **2014**, 8, 162-168 | 5.8 | 16 |

| | | | |
|---|---|---|---|
| 26 | Mechanism of the selective catalytic oxidation of slip ammonia over Ru-modified Ce-Zr complexes determined by in situ diffuse reflectance infrared Fourier transform spectroscopy. *Environmental Science & Technology*, **2014**, 48, 12199-205 | 10.3 | 61 |
| 25 | Ultraeffective ZnS nanocrystals sorbent for mercury(II) removal based on size-dependent cation exchange. *ACS Applied Materials & Interfaces*, **2014**, 6, 18026-32 | 9.5 | 63 |
| 24 | The co-benefit of elemental mercury oxidation and slip ammonia abatement with SCR-Plus catalysts. *Fuel*, **2014**, 133, 263-269 | 7.1 | 40 |
| 23 | Removal of elemental mercury with Mn/Mo/Ru/Al2O3 membrane catalytic system. *Frontiers of Environmental Science and Engineering*, **2013**, 7, 464-473 | 5.8 | 3 |
| 22 | Novel regenerable sorbent based on Zr-Mn binary metal oxides for flue gas mercury retention and recovery. *Journal of Hazardous Materials*, **2013**, 261, 206-13 | 12.8 | 87 |
| 21 | Improvement of the Activity of □Fe2O3 for the Selective Catalytic Reduction of NO with NH3 at High Temperatures: NO Reduction versus NH3 Oxidization. *Industrial & Engineering Chemistry Research*, **2013**, 52, 5601-5610 | 3.9 | 93 |
| 20 | Novel effect of SO2 on the SCR reaction over CeO2: Mechanism and significance. *Applied Catalysis B: Environmental*, **2013**, 136-137, 19-28 | 21.8 | 236 |
| 19 | Substitution of WO3 in V2O5/WO3□TiO2 by Fe2O3 for selective catalytic reduction of NO with NH3. *Catalysis Science and Technology*, **2013**, 3, 161-168 | 5.5 | 81 |
| 18 | Synthesis and characterization of nano-sized Mn□TiO2 catalysts and their application to removal of gaseous elemental mercury. *Research on Chemical Intermediates*, **2012**, 38, 2511-2522 | 2.8 | 24 |
| 17 | Elemental Mercury Capture from Flue Gas by Magnetic Mn□e Spinel: Effect of Chemical Heterogeneity. *Industrial & Engineering Chemistry Research*, **2011**, 50, 9650-9656 | 3.9 | 91 |
| 16 | Significance of RuO2 modified SCR catalyst for elemental mercury oxidation in coal-fired flue gas. *Environmental Science & Technology*, **2011**, 45, 5725-30 | 10.3 | 114 |
| 15 | Nanosized cation-deficient Fe-Ti spinel: a novel magnetic sorbent for elemental mercury capture from flue gas. *ACS Applied Materials & Interfaces*, **2011**, 3, 209-17 | 9.5 | 112 |
| 14 | Gaseous elemental mercury capture from flue gas using magnetic nanosized (Fe3-xMnx)1-□O4. *Environmental Science & Technology*, **2011**, 45, 1540-6 | 10.3 | 139 |
| 13 | Remarkable effect of the incorporation of titanium on the catalytic activity and SO2 poisoning resistance of magnetic Mn□e spinel for elemental mercury capture. *Applied Catalysis B: Environmental*, **2011**, 101, 698-708 | 21.8 | 143 |
| 12 | Capture of gaseous elemental mercury from flue gas using a magnetic and sulfur poisoning resistant sorbent Mn/□Fe2O3 at lower temperatures. *Journal of Hazardous Materials*, **2011**, 186, 508-15 | 12.8 | 179 |
| 11 | Oxidation and stabilization of elemental mercury from coal-fired flue gas by sulfur monobromide. *Environmental Science & Technology*, **2010**, 44, 3889-94 | 10.3 | 26 |
| 10 | Catalytic oxidation of elemental mercury over the modified catalyst Mn/alpha-Al2O3 at lower temperatures. *Environmental Science & Technology*, **2010**, 44, 426-31 | 10.3 | 192 |
| 9 | A novel multi-functional magnetic Fe-Ti-V spinel catalyst for elemental mercury capture and callback from flue gas. *Chemical Communications*, **2010**, 46, 8377-9 | 5.8 | 52 |

| | | | |
|---|---|---|---|
| 8 | The role of iodine monochloride for the oxidation of elemental mercury. *Journal of Hazardous Materials*, **2010**, 183, 132-7 | 12.8 | 26 |
| 7 | Enhanced elemental mercury removal from coal-fired flue gas by sulfur-chlorine compounds. *Environmental Science & Technology*, **2009**, 43, 5410-5 | 10.3 | 31 |
| 6 | Bromine chloride as an oxidant to improve elemental mercury removal from coal-fired flue gas. *Environmental Science & Technology*, **2009**, 43, 8610-5 | 10.3 | 48 |
| 5 | Adsorption and Catalytic Oxidation of Gaseous Elemental Mercury in Flue Gas over MnOx/Alumina. *Industrial & Engineering Chemistry Research*, **2009**, 48, 3317-3322 | 3.9 | 148 |
| 4 | Using bromine gas to enhance mercury removal from flue gas of coal-fired power plants. *Environmental Science & Technology*, **2007**, 41, 1405-12 | 10.3 | 88 |
| 3 | Removal Characteristics of Gaseous Sulfur-Containing Compounds by Pulsed Corona Plasma. *Industrial & Engineering Chemistry Research*, **2006**, 45, 6420-6427 | 3.9 | 23 |
| 2 | Review of Sulfur Promotion Effects on Metal Oxide Catalysts for NOx Emission Control. *ACS Catalysis*,13119-13139 | 13.1 | 9 |
| 1 | Heterogeneous Reaction Mechanisms and Functional Materials for Elemental Mercury Removal from Industrial Flue Gas. *ACS ES&T Engineering*, | | 3 |