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High density gold nanoparticles immobilized on surface via plasma deposited APTES film for decomposing organic compounds in microchannels

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Abstract

Immobilization of colloidal particles (*e.g.* gold nanoparticles (AuNps)) on the inner surface of micro-/nano- channels has received a great interest for catalysis. A novel catalytic ozonation setup using a gold-immobilized microchannel reactor was

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