Examples of papers using/studying silver nanoplates

Papers	Links	Field of study
Synthesis of Photothermally Stable Triangular Silver Nanoplates for SERS Applications, Photokilling of Bacteria	https://doi.org/10.1002/cnma.201900603	Antibacterial
Effects of pulsed laser irradiation on gold-coated silver nanoplates and their antibacterial activity	https://doi.org/10.1039/C7NR06513B	Antibacterial
Optical properties of silver nanoplates and perspectives for biomedical applications	https://doi.org/10.1016/j.photonics.2018.07.001	Biomedical
Surfactantless Synthesis of Silver Nanoplates and Their Application in SERS	https://doi.org/10.1002/smll.200700484	SERS
Preparation and application of triangular silver nanoplates/chitosan composite in surface plasmon resonance biosensing	https://doi.org/10.1016/j.aca.2013.01.034	Biosensing
Shape-Dependent Electrocatalytic Reduction of CO_2 to CO on Triangular Silver Nanoplates	https://doi.org/10.1021/jacs.6b12103	Catalyst
Shape-dependent catalytic activity of silver nanoparticles for the oxidation of styrene	https://doi.org/10.1002/asia.200600260	Catalyst
Simple and rapid colorimetric detection of Hg(II) by a paper-based device using silver nanoplates	https://doi.org/10.1016/j.talanta.2012.04.050	Environmental sensing
Green water-based silver nanoplate conductive ink for flexible printed circuit	https://doi.org/10.1179/1753555715Y.0000000023	Electronics
Silver Nanoplates: Size Control in Two Dimensions and Formation Mechanisms	https://doi.org/10.1021/jp031077n	Material Science
Facet Selectivity of Ligands on Silver Nanoplates: Molecular Mechanics Study	https://doi.org/10.1021/jp503319s	Chemistry

Preparation of novel silver nanoplates/graphene composite and their application in vanillin electrochemical detection	https://doi.org/10.1016/j.msec.2014.01.037	Sensor
Antiproliferative Activity of Silver Nanoplates on Human Promyelocytic Leukemia Cell Lines	https://doi.org/10.1246/cl.141085	Toxicity
Plasmon Resonant Silica-Coated Silver Nanoplates as Contrast Agents for Optical Coherence Tomography	https://doi.org/10.1166/jbn.2016.2297	Imaging
Highly Stable Silver Nanoplates for Surface Plasmon Resonance Biosensing	https://doi.org/10.1002/anie.201108971	Biosensing
Colorful and Antibacterial Silk Fiber from Anisotropic Silver Nanoparticles	https://doi.org/10.1021/ie3033872	Textile
ZnO nanoflowers photocatalysis of norfloxacin: Effect of triangular silver nanoplates and water matrix on degradation rates	https://doi.org/10.1016/j.jphotochem.2016.03.037	Photocatalyst
Simple and fast colorimetric detection of inorganic arsenic selectively adsorbed onto ferrihydrite-coated silica gel using silver nanoplates	https://doi.org/10.1016/j.talanta.2016.03.028	Environmental sensing