

# Anise Akhundi

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

1,833  
citations

516710

16  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2013  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Review on photocatalytic conversion of carbon dioxide to value-added compounds and renewable fuels by graphitic carbon nitride-based photocatalysts. <i>Catalysis Reviews - Science and Engineering</i> , 2019, 61, 595-628.  | 12.9 | 452       |
| 2  | Graphitic carbon nitride-based photocatalysts: Toward efficient organic transformation for value-added chemicals production. <i>Molecular Catalysis</i> , 2020, 488, 110902.  | 2.0  | 245       |
| 3  | Novel ternary g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /Ag <sub>2</sub> CrO <sub>4</sub> nanocomposites: magnetically separable and visible-light-driven photocatalysts for degradation of water pollutants. <i>Journal of Molecular Catalysis A</i> , 2016, 415, 122-130.         | 4.8  | 155       |
| 4  | Graphitic carbon nitride nanosheets decorated with CuCr <sub>2</sub> O <sub>4</sub> nanoparticles: Novel photocatalysts with high performances in visible light degradation of water pollutants. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 697-710.                                    | 9.4  | 150       |
| 5  | Simultaneous Dual-Functional Photocatalysis by g-C <sub>3</sub> N <sub>4</sub> -Based Nanostructures. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 564-585.   | 7.6  | 149       |
| 6  | Ternary g-C <sub>3</sub> N <sub>4</sub> /ZnO/AgCl nanocomposites: Synergistic collaboration on visible-light-driven activity in photodegradation of an organic pollutant. <i>Applied Surface Science</i> , 2015, 358, 261-269.  | 6.1  | 117       |
| 7  | Novel magnetically separable g-C <sub>3</sub> N <sub>4</sub> /AgBr/Fe <sub>3</sub> O <sub>4</sub> nanocomposites as visible-light-driven photocatalysts with highly enhanced activities. <i>Ceramics International</i> , 2015, 41, 5634-5643.   | 4.8  | 80        |
| 8  | Novel g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>2</sub> SO <sub>4</sub> nanocomposites: Fast microwave-assisted preparation and enhanced photocatalytic performance towards degradation of organic pollutants under visible light. <i>Journal of Colloid and Interface Science</i> , 2016, 482, 165-174.   | 9.4  | 76        |
| 9  | Ternary magnetic g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /AgI nanocomposites: Novel recyclable photocatalysts with enhanced activity in degradation of different pollutants under visible light. <i>Materials Chemistry and Physics</i> , 2016, 174, 59-69.                       | 4.0  | 76        |
| 10 | Facile preparation of novel quaternary g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /AgI/Bi <sub>2</sub> S <sub>3</sub> nanocomposites: magnetically separable visible-light-driven photocatalysts with significantly enhanced activity. <i>RSC Advances</i> , 2016, 6, 106572-106583. | 3.6  | 74        |
| 11 | High performance magnetically recoverable g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /Ag/Ag <sub>2</sub> SO <sub>3</sub> plasmonic photocatalyst for enhanced photocatalytic degradation of water pollutants. <i>Advanced Powder Technology</i> , 2017, 28, 565-574.                 | 4.1  | 60        |
| 12 | A simple large-scale method for preparation of g-C <sub>3</sub> N <sub>4</sub> /N <sub>4</sub> /SnO <sub>2</sub> nanocomposite as visible-light-driven photocatalyst for degradation of an organic pollutant. <i>Materials Express</i> , 2015, 5, 309-318.  | 0.5  | 45        |
| 13 | Novel magnetic g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /AgCl nanocomposites: Facile and large-scale preparation and highly efficient photocatalytic activities under visible-light irradiation. <i>Materials Science in Semiconductor Processing</i> , 2015, 39, 162-171.         | 4.0  | 44        |
| 14 | Comparison between preparative methodologies of nanostructured carbon nitride and their use as selective photocatalysts in water suspension. <i>Research on Chemical Intermediates</i> , 2017, 43, 5153-5168.   | 2.7  | 42        |
| 15 | Codeposition of AgI and Ag <sub>2</sub> CrO <sub>4</sub> on g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> nanocomposite: Novel magnetically separable visible-light-driven photocatalysts with enhanced activity. <i>Advanced Powder Technology</i> , 2016, 27, 2496-2506.              | 4.1  | 33        |
| 16 | Novel ternary g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> VO <sub>4</sub> /AgBr nanocomposites with excellent visible-light-driven photocatalytic performance for environmental applications. <i>Solid State Sciences</i> , 2018, 78, 133-143.   | 3.2  | 32        |
| 17 | Photocatalytic reforming of biomass-derived feedstock to hydrogen production. <i>Research on Chemical Intermediates</i> , 2022, 48, 1793-1811.  | 2.7  | 3         |