

Oxygen vacancy engineering of $\text{Bi}_2\text{O}_3/\text{Bi}_2\text{O}_2\text{CO}_3$ hetero
interfacial charge transfer, NO adsorption and removal

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ag ₂ CO ₃ Decorating BiO ₂ CO ₃ Microspheres with Enhanced Full-Spectrum Photocatalytic Activity for the Degradation of Toxic Pollutants. <i>Nanomaterials</i> , 2018, 8, 914.	1.9	14
2	Superior NO _x photocatalytic removal over hybrid hierarchical Bi/BiOI with high non-NO ₂ selectivity: synergistic effect of oxygen vacancies and bismuth nanoparticles. <i>Catalysis Science and Technology</i> , 2018, 8, 5270-5279.	2.1	30
3	Photocatalytic treatment of VOC industrial emissions: IPA removal using a sensor-instrumented reactor. <i>Chemical Engineering Journal</i> , 2018, 353, 394-409.	6.6	29
4	Facet, Junction and Electric Field Engineering of Bismuth-Based Materials for Photocatalysis. <i>ChemCatChem</i> , 2018, 10, 4477-4496.	1.8	89
5	In Situ Formation of Leaf-Like Ag ₂ S/CdS Heterojunction Photocatalyst Harnessing Visible-NIR Light for Photodegradation of Organic Pollutants. <i>Catalysis Letters</i> , 2018, 148, 2765-2776.	1.4	11
6	Stupendous Photocatalytic Activity of p-BiOI/n-PbTiO ₃ Heterojunction: The Significant Role of Oxygen Vacancies and Interface Coupling. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21593-21606.	1.5	39
7	Photosensitization of Bi ₂ O ₂ CO ₃ nanoplates with amorphous Bi ₂ S ₃ to improve the visible photoreactivity towards NO oxidation. <i>Applied Surface Science</i> , 2019, 495, 143561.	3.1	46
8	Glucose-assisted hydrothermal synthesis of plasmonic Bi deposited nested Bi ₂ O ₂ CO ₃ photocatalysts with enhanced photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 123946.	2.3	16
9	Exploration and crystal phase engineering from bismuthinite ore to visible-light responsive photocatalyst of Bi ₂ O ₃ . <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103375.	3.3	28
10	Constructing defective (BiO) ₂ CO ₃ with different dominated facets for efficiently photocatalytic NO oxidation and in situ reaction pathway study. <i>Applied Surface Science</i> , 2019, 498, 143848.	3.1	13
11	Iodine-Deficient Bi _{1.2} I _{0.6} Coupling with Bi ₂ O ₃ for Degradation of Volatile Organic Compounds under Simulated Sunlight Irradiation. <i>ChemSusChem</i> , 2019, 12, 4874-4881.	3.6	9
12	Synthesis of magnetic biomass carbon-based Bi ₂ O ₃ photocatalyst and mechanism insight by a facile microwave and deposition method. <i>New Journal of Chemistry</i> , 2019, 43, 2888-2898.	1.4	16
13	Effects of H ₂ O ₂ generation over visible light-responsive Bi/Bi ₂ O ₂ CO ₃ nanosheets on their photocatalytic NO removal performance. <i>Chemical Engineering Journal</i> , 2019, 363, 374-382.	6.6	56
14	Facile synthesis of Bi-modified Nb-doped oxygen defective BiOCl microflowers with enhanced visible-light-driven photocatalytic performance. <i>Journal of Alloys and Compounds</i> , 2019, 786, 155-162.	2.8	45
15	Constructing Z-scheme SnO ₂ /N-doped carbon quantum dots/ZnSn(OH) ₆ nanohybrids with high redox ability for NO _x removal under VIS-NIR light. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15782-15793.	5.2	60
16	Novel hexagonal Bi ₂ O ₂ CO ₃ porous nanoplate/nitrogen-doped graphene nanomaterials with enhanced electrochemical properties for oxygen reduction reaction in acidic media for fuel cells. <i>Carbon</i> , 2019, 152, 459-473.	5.4	29
17	Uniform Zn ²⁺ -Doped BiOI Microspheres Assembled by Ultrathin Nanosheets with Tunable Oxygen Vacancies for Super-Stable Removal of NO. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16268-16280.	1.5	91
18	Gas-Phase Photoelectrocatalysis for Breaking Down Nitric Oxide. <i>Environmental Science & Technology</i> , 2019, 53, 7145-7154.	4.6	45

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19	Composite soft template-assisted construction of a flower-like $\text{I}^2\text{-Bi}_2\text{O}_3/\text{Bi}_2\text{O}_2\text{CO}_3$ heterojunction photocatalyst for the enhanced simulated sunlight photocatalytic degradation of tetracycline. <i>Ceramics International</i> , 2019, 45, 15036-15047.	2.3	38
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22	In Situ Intermediates Determination and Cytotoxicological Assessment in Catalytic Oxidation of Formaldehyde: Implications for Catalyst Design and Selectivity Enhancement under Ambient Conditions. <i>Environmental Science & Technology</i> , 2019, 53, 5230-5240.	4.6	10
23	Controllable synthesis and efficient photocatalytic activity of BiOF nanodisks exposed with {101} facets, instead of {001} facets. <i>Journal of Alloys and Compounds</i> , 2019, 794, 127-136.	2.8	16
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27	Protonated $\text{g-C}_3\text{N}_4/\text{Ti}^{3+}$ self-doped TiO_2 nanocomposite films: Room-temperature preparation, hydrophilicity, and application for photocatalytic NO removal. <i>Applied Catalysis B: Environmental</i> , 2019, 240, 122-131.	10.8	122
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29	Defect-engineered cobalt-based solid catalyst for high efficiency oxidation of sulfite. <i>Chemical Engineering Science</i> , 2019, 197, 1-10.	1.9	7
30	Integration of 3D macroscopic graphene aerogel with 0D-2D $\text{AgVO}_3\text{-g-C}_3\text{N}_4$ heterojunction for highly efficient photocatalytic oxidation of nitric oxide. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 576-584.	10.8	60
31	Aerobic Oxidative Dehydrogenation of Ethyl Lactate Over Reduced MoVNbOx Catalysts. <i>Catalysis Letters</i> , 2019, 149, 840-850.	1.4	11
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