## A Review on Diesel Soot Emission, its Effect and Contro

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**Citation Report** 

#	Article	IF	CITATIONS
1	Applications and Preparation Methods of Copper Chromite Catalysts: A Review. Bulletin of Chemical Reaction Engineering and Catalysis, 2011, 6, 63-113.	1.1	54
2	Experimental Study the Influence of EP Antiwear Additive on Particle Emissions in Diesel Engines. , 0, , .		6
3	Research Progress on Control Technology of Diesel Engine NO <sub>X</sub> and PM Emissions. Advanced Materials Research, 2014, 1008-1009, 1016-1021.	0.3	2
4	A Radical Rethink on Soot Containment from Auto-Rickshaw Exhausts. Advanced Materials Research, 0, 911, 383-387.	0.3	0
5	Experimental study on filtration and continuous regeneration of a particulate filter system for heavy-duty diesel engines. Journal of Environmental Sciences, 2014, 26, 2434-2439.	6.1	45
6	The role of non-thermal plasma technique in NOx treatment: A review. Renewable and Sustainable Energy Reviews, 2014, 40, 886-901.	16.4	133
7	Review of the state-of-the-art of exhaust particulate filter technology in internal combustion engines. Journal of Environmental Management, 2015, 154, 225-258.	7.8	337
8	Atomic layer deposition of cerium oxide for potential use in diesel soot combustion. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	2.1	9
9	Correlations between physicochemical properties of emitted diesel particulate matter and its reactivity. Combustion and Flame, 2016, 167, 39-51.	5.2	60
10	In Situ Generation of Radical Coke and the Role of Coke-Catalyst Contact on Coke Oxidation. Industrial & Engineering Chemistry Research, 2016, 55, 5271-5278.	3.7	19
11	Formation and Oxidation/Gasification of Carbonaceous Deposits: A Review. Industrial & Engineering Chemistry Research, 2016, 55, 9760-9818.	3.7	82
12	Effect of injection strategy on smoothness, emissions and soot characteristics of PCCI-conventional diesel mode transition. Applied Thermal Engineering, 2016, 93, 1033-1042.	6.0	45
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14	The effect of combustion management on diesel engine emissions fueled with biodiesel-diesel blends. Renewable and Sustainable Energy Reviews, 2017, 73, 307-331.	16.4	101
15	Comparative analysis of soot formation processes of diesel and ABE (Acetone-Butanol-Ethanol) based on CFD coupling with phenomenological soot model. Fuel, 2017, 203, 380-392.	6.4	13
16	Investigation of microalgae HTL fuel effects on diesel engine performance and exhaust emissions using surrogate fuels. Energy Conversion and Management, 2017, 152, 186-200.	9.2	45
17	3DOM SiO <sub>2</sub> -Supported Different Alkali Metals-Modified MnOx Catalysts: Preparation and Catalytic Performance for Soot combustion. ChemistrySelect, 2017, 2, 10176-10185.	1.5	17
18	Performance of biomorphic Silicon Carbide as particulate filter in diesel boilers. Journal of Environmental Management, 2017, 203, 907-919.	7.8	22

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19	Effect of Thermal Conductivity of Catalytic Materials on Soot Sensing Performance Based on a Combustion-type Sensor. Chemistry Letters, 2017, 46, 1304-1307.	1.3	0
20	Euro 6 Unregulated Pollutant Characterization and Statistical Analysis of After-Treatment Device and Driving-Condition Impact on Recent Passenger-Car Emissions. Environmental Science & Technology, 2017, 51, 5847-5855.	10.0	22
21	Catalytic oxidation of solid carbon and carbon monoxide over ceriumâ€≢irconium mixed oxides. AICHE Journal, 2017, 63, 725-738.	3.6	23
22	Evaluating the Soot Handling Performance of Diesel Engine Oils through Optimized Engine Testing Protocol. , 0, , .		0
23	Sulfur dioxide-tolerant strontium chromate for the catalytic oxidation of diesel particulate matter. Catalysis Science and Technology, 2018, 8, 1712-1721.	4.1	11
24	Analysis of real driving gaseous emissions from light-duty diesel vehicles. Transportation Research, Part D: Transport and Environment, 2018, 65, 485-499.	6.8	37
25	Catalytic Performance of Ag2O and Ag Doped CeO2 Prepared by Atomic Layer Deposition for Diesel Soot Oxidation. Coatings, 2018, 8, 237.	2.6	19
26	Effect of acetone–butanol–ethanol addition to diesel on the soot reactivity. Fuel, 2018, 226, 555-563.	6.4	34
27	Effects of DOC and CDPF Catalyst Composition on Emission Characteristics of Light-Duty Diesel Engine with DOC + CDPF + SCR System. , 0, , .		10
28	A comprehensive review on the environmental impacts of diesel/biodiesel additives. Energy Conversion and Management, 2018, 174, 579-614.	9.2	257
29	Influence of Alternate Fuels on the Performance and Emission from Internal Combustion Engines and Soot Particle Collection Using Thermophoretic Sampler: A Comprehensive Review. Waste and Biomass Valorization, 2019, 10, 2801-2823.	3.4	15
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31	Vibration Analysis on Palm Oil Methyl Ester Biodiesel as a Fuel with The Additional of Butanol. Journal of Physics: Conference Series, 2019, 1262, 012012.	0.4	2
32	Thermal analysis of nano-copper on eliminating sulfide and particulate matter from diesel engines. Materials Research Express, 2019, 6, 055504.	1.6	2
33	Effect of urbanization on the micronucleus frequency in birds from forest fragments. Ecotoxicology and Environmental Safety, 2019, 171, 631-637.	6.0	14
34	An Analysis of Turbulent Mixing Effects on the Soot Formation in High Pressure n-dodecane Sprays. Flow, Turbulence and Combustion, 2019, 103, 605-624.	2.6	12
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38	Recycling of hazardous diesel soot particles into a high performance solar evaporation device. Applied Surface Science, 2019, 487, 951-961.	6.1	22
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40	The effect of advancing injection timing on combustion characteristics using stationary diesel engine with 30% water in diesel emulsion fuel. , 2019, , .		1
42	A kinetic model for SCR coated particulate filters—Effect of ammonia-soot interactions. Applied Catalysis B: Environmental, 2019, 241, 66-80.	20.2	14
43	Highly porous hybrid particle-fibre ceramic composite materials for use as diesel particulate filters. Journal of the European Ceramic Society, 2020, 40, 542-551.	5.7	12
44	Cement-based diesel exhaust emission soot coatings for the removal of organic pollutants from water. Construction and Building Materials, 2020, 234, 117377.	7.2	15
45	Study on emission and particulate matter characteristics from diesel engine fueled with n-pentanol/Fischer–Tropsch diesel. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-17.	2.3	4
46	The Permeability of Novel Hybrid Fiber Composite Material for Use as Diesel Particulate Filters. Advanced Engineering Materials, 2020, 22, 2000562.	3.5	1
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52	Synthesis and Characterization of Bismuth-Cerium Oxides for the Catalytic Oxidation of Diesel Soot. Materials, 2020, 13, 1369.	2.9	9
53	A novel technique for production of paint from the diesel exhaust soot. AIP Conference Proceedings, 2020, , .	0.4	0
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55	Enhancement of the Hydrothermal Stability of WO <sub>3</sub> /Ce <sub>0.68</sub> Zr <sub>0.32</sub> O <sub>2</sub> Catalyst by Silica Modification for NH <sub>3</sub> -SCR_ACS Applied Energy Materials, 2020, 3, 1161-1170	5.1	19

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56	Elucidating the chemical pathways responsible for the sooting tendency of 1 and 2-phenylethanol. Proceedings of the Combustion Institute, 2021, 38, 1327-1334.	3.9	7
57	Hexanol: A renewable low reactivity fuel for RCCI combustion. Fuel, 2021, 286, 119294.	6.4	8
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