Majid Kermani

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#	Paper	IF	Citations
119	Contaminants of emerging concern: a review of new approach in AOP technologies. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 414	3.1	135
118	Simultaneous catalytic degradation of 2,4-D and MCPA herbicides using sulfate radical-based heterogeneous oxidation over persulfate activated by natural hematite (Fe 2 O 3 /PS). <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 117, 49-59	3.9	67
117	Catalytic ozonation of high concentrations of catechol over TiO2@Fe3O4 magnetic core-shell nanocatalyst: Optimization, toxicity and degradation pathway studies. <i>Journal of Cleaner Production</i> , 2018 , 192, 597-607	10.3	65
116	Application of Moving Bed Biofilm Process for Biological Organics and Nutrients from Municipal Wastewater. <i>American Journal of Environmental Sciences</i> , 2008 , 4, 675-682	0.5	53
115	Health benefits of PM reduction in Iran. International Journal of Biometeorology, 2017, 61, 1389-1401	3.7	45
114	Application of amino modified mesostructured cellular foam as an efficient mesoporous sorbent for dispersive solid-phase extraction of atrazine from environmental water samples. <i>Microchemical Journal</i> , 2019 , 146, 753-762	4.8	39
113	Kinetic and isotherm studies of adsorption and biosorption processes in the removal of phenolic compounds from aqueous solutions: comparative study. <i>Journal of Environmental Health Science & Engineering</i> , 2013 , 11, 29	2.9	39
112	Normal and dusty days comparison of culturable indoor airborne bacteria in Ahvaz, Iran. <i>Aerobiologia</i> , 2015 , 31, 127-141	2.4	38
111	Presence of SARS-CoV-2 in the air of public places and transportation. <i>Atmospheric Pollution Research</i> , 2021 , 12, 302-306	4.5	35
110	A case study of BTEX characteristics and health effects by major point sources of pollution during winter in Iran. <i>Environmental Pollution</i> , 2019 , 247, 607-617	9.3	34
109	Heterogeneous electro-Fenton process by Nano-Fe3O4 for catalytic degradation of amoxicillin: Process optimization using response surface methodology. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 4644-4652	6.8	34
108	Indoor and outdoor concentrations of BTEX and formaldehyde in Tehran, Iran: effects of building characteristics and health risk assessment. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 274	23- 2 74	13 ³ ²
107	Degradation of furfural in aqueous solution using activated persulfate and peroxymonosulfate by ultrasound irradiation. <i>Journal of Environmental Management</i> , 2020 , 266, 110616	7.9	29
106	Social capital and entrepreneurial process. <i>International Entrepreneurship and Management Journal</i> , 2017 , 13, 685-716	4.9	27
105	Spatial and Temporal Trends of Short-Term Health Impacts of PM2.5 in Iranian Cities; a Modelling Approach (2013-2016). <i>Aerosol and Air Quality Research</i> , 2018 , 18, 497-504	4.6	27
104	The effect of traffic on levels, distribution and chemical partitioning of harmful metals in the street dust and surface soil from urban areas of Tehran, Iran. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	26
103	Heterogeneous catalytic ozonation by Nano-MgO is better than sole ozonation for metronidazole degradation, toxicity reduction, and biodegradability improvement. <i>Desalination and Water Treatment</i> , 2016 , 57, 16435-16444		24

102	Compressive strength of atmospheric ice. Cold Regions Science and Technology, 2007, 49, 195-205	3.8	23
101	Removal of Phenol from Aqueous Solutions by Rice Husk Ash and Activated Carbon. <i>Pakistan Journal of Biological Sciences</i> , 2006 , 9, 1905-1910	0.8	23
100	Efficient visible light-induced photocatalytic removal of paraquat using N-doped TiO2@SiO2@Fe3O4 nanocomposite. <i>Journal of Molecular Liquids</i> , 2020 , 299, 112167	6	23
99	On the nature and health impacts of BTEX in a populated middle eastern city: Tehran, Iran. <i>Atmospheric Pollution Research</i> , 2019 , 10, 921-930	4.5	23
98	Bisphenol A removal from aqueous solutions using novel UV/persulfate/HO/Cu system: optimization and modelling with central composite design and response surface methodology. <i>Journal of Environmental Health Science & Engineering</i> , 2016 , 14, 19	2.9	22
97	Synthesis and characterization of Ag/TiO2/composite aerogel for enhanced adsorption and photo-catalytic degradation of toluene from the gas phase. <i>Chemical Engineering Research and Design</i> , 2019 , 150, 1-13	5.5	21
96	Effectiveness of photochemical and sonochemical processes in degradation of Basic Violet 16 (BV16) dye from aqueous solutions. <i>Iranian Journal of Environmental Health Science & Engineering</i> , 2012 , 9, 14		21
95	Bending strength and effective modulus of atmospheric ice. <i>Cold Regions Science and Technology</i> , 2008 , 53, 162-169	3.8	21
94	Burden of mortality attributed to PM2.5 exposure in cities of Iran; contribution of short-term pollution peaks. <i>Atmospheric Environment</i> , 2020 , 224, 117365	5.3	20
93	Investigation of in-cabin volatile organic compounds (VOCs) in taxis; influence of vehicleB age, model, fuel, and refueling. <i>Environmental Pollution</i> , 2018 , 237, 348-355	9.3	19
92	Evaluation of adsorption and removal of methylparaben from aqueous solutions using amino-functionalized magnetic nanoparticles as an efficient adsorbent: Optimization and modeling by response surface methodology (RSM) 2018 , 103, 248-260		19
91	Comparative health risk assessment of BTEX exposures from landfills, composting units, and leachate treatment plants. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 443-451	5.6	18
90	Health impacts and burden of disease attributed to long-term exposure to atmospheric PM10/PM2.5 in Karaj, Iran: effect of meteorological factors. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-17	1.8	18
89	Study of the performances of low-cost adsorbents extracted from Rosa damascena in aqueous solutions decolorization 2017 , 80, 357-369		16
88	Degradation of ciprofloxacin antibiotic using photo-electrocatalyst process of Ni-doped ZnO deposited by RF sputtering on FTO as an anode electrode from aquatic environments: Synthesis, kinetics, and ecotoxicity study. <i>Microchemical Journal</i> , 2020 , 154, 104663	4.8	15
87	Comparative health risk assessment of in-vehicle exposure to formaldehyde and acetaldehyde for taxi drivers and passengers: Effects of zone, fuel, refueling, vehicle® age and model. <i>Environmental Pollution</i> , 2019 , 254, 112943	9.3	15
86	The effect of climate change on cholera disease: The road ahead using artificial neural network. <i>PLoS ONE</i> , 2019 , 14, e0224813	3.7	15
85	Simultaneous adsorption of heavy metal ions (Cu2+ and Cd2+) from aqueous solutions by magnetic silica nanoparticles (Fe3O4@SiO2) modified using EDTA 2019 , 158, 207-215		15

84	Removal Efficiency, Adsorption Kinetics and Isotherms of Phenolic Compounds from Aqueous Solution Using Rice Bran Ash. <i>Asian Journal of Chemistry</i> , 2013 , 25, 3871-3878	0.4	14
83	Investigating the effect of several factors on concentrations of bioaerosols in a well-ventilated hospital environment. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 407	3.1	13
82	Application of thiol-functionalized mesoporous silica-coated magnetite nanoparticles for the adsorption of heavy metals. <i>Desalination and Water Treatment</i> , 2016 , 57, 19834-19845		13
81	Concentrations and potential risk assessment of polycyclic aromatic hydrocarbons (PAHs) from indoor dust of Bushehr, Iran. <i>Global Nest Journal</i> , 2017 , 19, 540-546	1.4	13
80	Characterization, possible sources and health risk assessment of PM2.5-bound Heavy Metals in the most industrial city of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 151-163	2.9	13
79	Exposure to BTEX in beauty salons: biomonitoring, urinary excretion, clinical symptoms, and health risk assessments. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 286	3.1	11
78	Demand for medical care in the urban areas of Iran: an empirical investigation. <i>Health Economics</i> (United Kingdom), 2008 , 17, 849-62	2.4	11
77	Fossil energy price and outdoor air pollution: predictions from a QUAIDS model. <i>Biofuel Research Journal</i> , 2020 , 7, 1205-1216	13.9	11
76	Estimation of Gender-Specific Lung Cancer Deaths due to Exposure to PM2.5 in 10 Cities of Iran During 2013 - 2016: A Modeling Approach. <i>International Journal of Cancer Management</i> , 2017 , 10,	0.9	11
75	Performance evaluation of a novel rGO-Fe0/Fe3O4-PEI nanocomposite for lead and cadmium removal from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2020 , 320, 114422	6	11
74	Spatio-seasonal variation, distribution, levels, and risk assessment of airborne asbestos concentration in the most industrial city of Iran: effect of meteorological factors. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 16434-16446	5.1	11
73	Fine particulate matter (PM) in a compost facility: heavy metal contaminations and health risk assessment, Tehran, Iran. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 15715-15725	5.1	10
72	Photo-assisted electroperoxone of 2,4-dichlorophenoxy acetic acid herbicide: Kinetic, synergistic and optimization by response surface methodology. <i>Journal of Water Process Engineering</i> , 2019 , 32, 100	977	10
71	Estimation of the residential radon levels and the annual effective dose in dwellings of Shiraz, Iran, in 2015. <i>Electronic Physician</i> , 2016 , 8, 2497-505	1.8	10
70	Application of modified magnetic nanoparticles with amine groups as an efficient solid sorbent for simultaneous removal of 2,4-Dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid from aqueous solution: optimization and modeling. <i>Journal of the Iranian Chemical Society</i> , 2018 ,	2	10
69	15, 421-429 Characterisation of PM2.5 Dound PAHs in outdoor air of Karaj megacity: the effect of meteorological factors. <i>International Journal of Environmental Analytical Chemistry</i> , 2021 , 1-19	1.8	9
68	Monitoring of airborne asbestos fibers in an urban ambient air of Shahryar City, Iran: levels, spatial distribution, seasonal variations, and health risk assessment. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 6450-6459	5.1	9
67	Ambient air PM2.5-bound PAHs in low traffic, high traffic, and industrial areas along Tehran, Iran. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021 , 27, 134-151	4.9	9

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66	The Effects of Wind Induced Conductor Motion on Accreted Atmospheric Ice. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 540-548	4.3	8	
65	Biosorption and Recovery of Copper and Zinc from Aqueous Solutions by Nonliving Biomass of Marine Brown Algae of Sargassum sp <i>Pakistan Journal of Biological Sciences</i> , 2006 , 9, 1525-1530	0.8	8	
64	Photocatalytic oxidation of benzene by ZnO coated on glass plates under simulated sunlight. <i>Chemical Papers</i> , 2019 , 73, 635-644	1.9	8	
63	Medical waste management in Iran and comparison with neighbouring countries. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-14	1.8	7	
62	A global systematic review, meta-analysis and health risk assessment on the quantity of Malathion, Diazinon and Chlorpyrifos in Vegetables. <i>Chemosphere</i> , 2021 , 270, 129382	8.4	7	
61	The detection of SARS-CoV-2 RNA in indoor air of dental clinics during the COVID-19 pandemic. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	7	
60	Study of improvement of bioremediation performance for the degradation of petroleum hydrocarbons in oily sludge by a chemical pretreatment strategy. <i>Journal of Material Cycles and Waste Management</i> , 2019 , 21, 1052-1062	3.4	6	
59	BRIDGING THE GENDER GAP IN ENTREPRENEURSHIP: AN EMPIRICAL ANALYSIS. <i>Journal of Developmental Entrepreneurship</i> , 2015 , 20, 1550008	0.6	6	
58	Load characteristics and inhalation risk assessment of benzene series (BTEX) pollutant in indoor air of Ghalyan and/ or cigarette cafes compared to smoking-free cafes. <i>Environmental Pollutants and Bioavailability</i> , 2020 , 32, 26-35	2.8	6	
57	Estimation of stresses in atmospheric ice during aeolian vibration of power transmission lines. Journal of Wind Engineering and Industrial Aerodynamics, 2010, 98, 592-599	3.7	6	
56	Estimation of Short-term Mortality and Morbidity Attributed to Fine Particulate Matter in the Ambient Air of Eight Iranian Cities. <i>Annals of Global Health</i> , 2018 , 84, 408-418	3.3	6	
55	Photocatalytic abatement of o-xylene using adsorption enhanced ZnO/GAC catalyst in a continuous flow reactor: Catalytic potential, Fate of o-xylene and its by-products. <i>Global Nest Journal</i> , 2017 , 19, 479	9- ¹ 488	6	
54	Characterization of polycyclic aromatic hydrocarbons associated with PM10 emitted from the largest composting facility in the Middle East. <i>Toxin Reviews</i> , 2020 , 1-15	2.3	5	
53	Photocatalytic degradation data of benzene and toluene by ZnO coated on glass plates under simulated sunlight. <i>Data in Brief</i> , 2018 , 20, 490-495	1.2	5	
52	The safety of non-incineration waste disposal devices in four hospitals of Tehran. <i>International Journal of Occupational and Environmental Health</i> , 2014 , 20, 258-63		5	
51	Flexural and low-cycle fatigue behavior of atmospheric ice. <i>Journal of Materials Science</i> , 2009 , 44, 2497-	·2 <u>5</u> .96	5	
50	Heterogeneous photocatalytic degradation of metronidazole from aqueous solutions using Fe3O4/TiO2 supported on biochar 2020 , 175, 304-315		5	
49	Exposure to heavy metal contamination and probabilistic health risk assessment using Monte Carlo simulation: a study in the Southeast Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2020 , 18, 1217-1226	2.9	5	

48	ZnO nanoparticles photocatalytic activity toward atmospheric toluene under simulated sunlight. <i>Research on Chemical Intermediates</i> , 2020 , 46, 119-131	2.8	5
47	Synergistic effects of catalytic and photocatalytic ozonation on four sulfonamides antibiotics degradation in an aquatic solution 2020 , 182, 260-276		4
46	Association of short-term exposure to air pollution with mortality in a middle eastern tourist city. <i>Air Quality, Atmosphere and Health</i> , 2020 , 13, 1223-1234	5.6	4
45	Challenges on the recycling of cigarette butts. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 30452-30458	5.1	4
44	Concentration, sources, and inhalation-based risk assessment of PM2.5-bound PAHs and trace elements in ambient air of areas with low and high traffic density in Tehran. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	4
43	Airborne particulate matter in Tehranß ambient air. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 1179-1191	2.9	4
42	Monitoring BTEX compounds and asbestos fibers in the ambient air of Tehran, Iran: Seasonal variations, spatial distribution, potential sources, and risk assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-18	1.8	3
41	The association of hospital emergency admissions due to respiratory-cardiovascular diseases and acute myocardial infarction with air pollution in Tehran during 2005-2014. <i>Medical Journal of the Islamic Republic of Iran</i> , 2018 , 32, 76	1.1	3
40	Estimation of the Number of Excess Hospitalizations Attributed to Sulfur Dioxide in Six Major Cities of Iran. <i>Health Scope</i> , 2016 , 5,	1.1	3
39	Study of number of total mortality, cardiovascular and Respiratory mortality attributed to air pollutants of Tehran in 2005-2014. <i>Global Nest Journal</i> , 2018 , 20, 439-448	1.4	3
38	Degradation of four antibiotics from aqueous solution by ozonation: intermediates identification and reaction pathways 2019 , 139, 277-287		3
37	Effect of short-term exposure to air pollution on COVID-19 mortality and morbidity in Iranian cities. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 1-10	2.9	3
36	Effect of micro-aerobic process on improvement of anaerobic digestion sewage sludge treatment: flow cytometry and ATP assessment <i>RSC Advances</i> , 2020 , 10, 35718-35728	3.7	3
35	How climate change can affect cholera incidence and prevalence? A systematic review. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 34906-34926	5.1	3
34	Comparing the efficiency of unmodified dried sludge adsorbents and those modified via chemical and microwave methods in removing 2,4-dinitrophenol from aqueous solutions. <i>Journal of Environmental Health Science & Engineering</i> , 2020 , 18, 1521-1530	2.9	3
33	A systematic review and meta-analysis of human biomonitoring studies on exposure to environmental pollutants in Iran. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 212, 111986	7	3
32	The effects of meteorological parameters on PM10: Health impacts assessment using AirQ+ model and prediction by an artificial neural network (ANN). <i>Urban Climate</i> , 2021 , 38, 100905	6.8	3
31	Occurrence, spatial distribution, seasonal variations, potential sources, and inhalation-based health risk assessment of organic/inorganic pollutants in ambient air of Tehran. <i>Environmental Geochemistry and Health</i> , 2021 , 43, 1983-2006	4.7	3

30	Short-term effects of air pollutants on hospitalization rate in patients with cardiovascular disease: a case-crossover study. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 26124-26131	5.1	3
29	Optimization of UV-Electroproxone procedure for treatment of landfill leachate: the study of energy consumption. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 81-93	2.9	3
28	Air pollution and exacerbation of skin itching and sleep disturbance in Iranian atopic dermatitis patients. <i>Journal of Environmental Health Science & Engineering</i> , 2019 , 17, 811-816	2.9	2
27	Application of Ni-doped ZnO deposited by RF magnetron sputtering technique on FTO as a photoanod in Photo-Electrocatalysis process of Ofloxacin degradation: synthesis, kinetics, and ecotoxicity study. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-17	1.8	2
26	Development and implementation of water safety plans for groundwater resources in the southernmost city of West Azerbaijan Province, Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2020 , 18, 629-637	2.9	2
25	Evaluation of cardiovascular and respiratory mortality attributed to atmospheric SO2 and CO using AirQ model. <i>Environmental Health Engineering and Management</i> , 2017 , 4, 101-108	1.2	2
24	Use of NHCl for activation of carbon xerogel to prepare a novel efficacious adsorbent for benzene removal from contaminated air streams in a fixed-bed column. <i>Journal of Environmental Health Science & Engineering</i> , 2020 , 18, 1141-1149	2.9	2
23	The influence of combined low-strength ultrasonics and micro-aerobic pretreatment process on methane generation and sludge digestion: Lipase enzyme, microbial activation, and energy yield. <i>Ultrasonics Sonochemistry</i> , 2021 , 73, 105531	8.9	2
22	Optimization of photo-electro/Persulfate/nZVI process on 2-4 Dichlorophenoxyacetic acid degradation via central composite design: a novel combination of advanced oxidation process. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 941-957	2.9	2
21	Characteristics of gaseous and particulate air pollutants at four different urban hotspots in Tehran, Iran. <i>Sustainable Cities and Society</i> , 2021 , 70, 102907	10.1	2
20	Ozone-Assisted photocatalytic degradation of benzene using nano-zinc oxide impregnated granular activated carbon (ZnOtaC) in a continuous fluidized bed reactor. <i>Environmental Progress and Sustainable Energy</i> , 2019 , 38, 13082	2.5	2
19	Chemical quality assessment and health risk of heavy metals in groundwater sources around Saravan landfill, the northernmost province of Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2021 , 1-19	1.8	2
18	Potential cytotoxicity of trace elements and polycyclic aromatic hydrocarbons bounded to particulate matter: a review on in vitro studies on human lung epithelial cells. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 55888-55904	5.1	2
17	Ultrasonic coupling with electrical current to effective activation of Persulfate for 2, 4 Dichlorophenoxyacetic acid herbicide degradation: modeling, synergistic effect, and a by-product study. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 625-639	2.9	1
16	Relationship between ambient black carbon and daily mortality in Tehran, Iran: a distributed lag nonlinear time series analysis. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 907-916	2.9	1
15	Assessment of BTEX exposure and carcinogenic risks for mail carriers in Tehran, Iran. <i>Air Quality, Atmosphere and Health,</i> 2021 , 14, 1365-1373	5.6	1
14	Polycyclic aromatic hydrocarbons in PM2.5 atmospheric particles in Shiraz, a city in southwest Iran: sources and risk assessment. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	1
13	The effect of PM-related hazards on biomarkers of bronchial epithelial cells (A549) inflammation in Karaj and Fardis cities. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1

12	traffic densities on human lung epithelial cells (A549) <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 1701-1712	2.9	1
11	Risk assessment of pesticides in agriculture farms Jiroft city and effect of drinking water resources using Arc-GIS software. <i>International Journal of Environmental Analytical Chemistry</i> ,1-15	1.8	1
10	Photodegradation of catechol in water over magnetically separable Fe3O4/TiO2 composite photocatalysts. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-19	1.8	O
9	TiO2-decorated magnetic biochar mediated heterogeneous photocatalytic degradation of tetracycline and evaluation of antibacterial activity. <i>Biomass Conversion and Biorefinery</i> , 2021 , 1	2.3	O
8	Extraction and determination of organic/inorganic pollutants in the ambient air of two cities located in metropolis of Tehran <i>Environmental Monitoring and Assessment</i> , 2022 , 194, 204	3.1	О
7	Autism-like symptoms by exposure to air pollution and valproic acid-induced in male rats <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	O
6	Assessment of the risk of exposure to Air pollutants and identifying the affecting factors on making pollution by PCA, CFA. <i>International Journal of Environmental Analytical Chemistry</i> ,1-20	1.8	O
5	Concentration, sources and bioaccessibility-based risk assessment of heavy metals in air-borne PM2.5 in different landuses of Tehran. <i>International Journal of Environmental Science and Technology</i> , 2022 , 1	3.3	
4	Evaluation of pollutants in perfumes, colognes and health effects on the consumer: a systematic review. <i>Journal of Environmental Health Science & Engineering</i> , 2022 , 1	2.9	
3	Estimation of cardiovascular and respiratory diseases attributed to PM10 using AirQ model in Urmia during 2011-2017. <i>Medical Journal of the Islamic Republic of Iran</i> , 2020 , 34, 60	1.1	
2	Concentrations, spatial distribution, and human health risk assessment of asbestos fibers in ambient air of Tehran, Iran. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	
1	The potential osteoporosis due to exposure to particulate matter in ambient air: Mechanisms and preventive methods. <i>Journal of the Air and Waste Management Association</i> ,	2.4	