Carbon monoxide poisoning

#	Paper	IF	Citations
131	Karbonmonoksit Zehirlenmesi ve Mekanik Ventilasyon: Olgu Sunumu Literatü Derlemesi. **2009**,		
130	A rare cause of perinatal asphyxia: maternal carbon monoxide poisoning. **2010**, 281, 251-4		12
129	Acute carbon monoxide toxicity: the hidden illness you may miss. **2010**, 40, 38-43; quiz 43-4		0
128	Energy, Forest, and Indoor Air Pollution Models for Sagarmatha National Park and Buffer Zone, Nepal. **2010**, 30, 113-126		31
127	Toxicidad aguda por monóxido de carbono: una enfermedad oculta que fácilmente puede ser pasada por alto. **2011**, 29, 18-23		
126	Carbon monoxide: an emerging regulator of ion channels. **2011**, 589, 3055-62		95
125	Call for Manuscripts. **2011**, 30, 314		
124	Carbon monoxide poisoning: case studies and review. **2011**, 30, 303-14		24
123	Effects of granulocyte colony-stimulating factor on electrocardiogram changes after carbon monoxide poisoning in rats. **2012**, 35, 353-60		11
122	Reduction of tobacco smoke components yields by zeolites and synthesized Al-MCM-41. **2012**, 161, 14-24		18
121	Regional cerebral blood flow in patients with carbon monoxide intoxication. **2012**, 26, 771-6		6
120	Carbon monoxide: an unusual drug. **2012**, 64, 378-86		42
119	CO metabolism, sensing, and signaling. **2012**, 38, 1-13		41
118	Slaughter of Atlantic salmon (Salmo salar L.) in the presence of carbon monoxide. **2013**, 39, 871-9		7
117	Signaling Molecule Delivery (CO). **2013**, 857-876		5
116	Wireless sensor node for green environment. **2013**,		4
115	A resting-state functional magnetic resonance imaging study of acute carbon monoxide poisoning in humans. **2013**, 67, 1029-32		2

114	Carbon monoxide effects on human ventricle action potential assessed by mathematical simulations. **2013**, 4, 282		6
113	Acute carbon monoxide toxicity. **2013**, 8, 30-34		
112	The activity of the Ang/Tie-2 system in the brain that suffered acute carbon monoxide poisoning. **2013**, 32, 1038-47		3
111	Inhalation gases or gaseous mediators as neuroprotectants for cerebral ischaemia. **2013**, 14, 56-73		11
110	The deployment of carbon monoxide wireless sensor network (CO-WSN) for ambient air monitoring. **2014**, 11, 6246-64		12
109	Carbon monoxide poisoning in Beirut, Lebanon: Patient's characteristics and exposure sources. **2014**, 7, 280-4		7
108	[Ten practical issues concerning acute poisoning with carbon monoxide in pregnant women]. **2014**, 43, 281-7		7
107	Neuropsychological performance in patients with carbon monoxide poisoning. **2014**, 21, 278-87		8
106	Forensic aspects of carbon monoxide poisoning by charcoal burning in Denmark, 2008-2012: an autopsy based study. **2014**, 10, 390-4		17
105	A rationally designed fluorescence chemosensor for on-site monitoring of carbon monoxide in air. **2014**, 16, 3296-9		28
104	Effect of carbon monoxide for Atlantic salmon (Salmo salar L.) slaughtering on stress response and fillet shelf life. **2014**, 433, 13-18		12
103	Carbon Monoxide Exposure During Pregnancy. **2015**, 70, 705-12		18
102	A Real-Time Monitoring System of Industry Carbon Monoxide Based on Wireless Sensor Networks. *Sensors*, **2015**, 15, 29535-46	3.8	79
101	. **2015**,		1
100	Toward Context-Aware Smart Oven to Prevent Cooking Risks in Kitchen of Elderly People. **2015**, 57-77		3
99	Evacuation under limited visibility. **2015**, 26, 1550005		16
98	Intoxicaci█ aguda por mon█ido de carbono durante la gestaci█. **2015**, 58, 319-322		
97	Acute carbon monoxide poisoning alters hemorheological parameters in human. **2016**, 61, 591-7		1

96	PYRONES: pyro-modeling and evacuation simulation system. **2016**,	1
95	Evaluation of poisoning deaths in the Cukurova Region, Turkey, 2007-2011. **2016**, 32, 476-84	5
94	Novel multi wavelength sensor concept to measure carboxy- and methemoglobin concentration non-invasively. **2016**,	0
93	Protective effect of erythropoietin on myocardial apoptosis in rats exposed to carbon monoxide. **2016**, 148, 118-24	15
92	COHgb levels predict the long-term development of acute myocardial infarction in CO poisoning. **2016**, 34, 840-4	14
91	Ethane-Based Chemical Amplification Measurement Technique for Atmospheric Peroxy Radicals. **2017**, 4, 15-19	15
90	Sensor system for non-invasive optical carboxy-and methemoglobin determination. **2017**,	
89	Chemical kinetic characteristics of methane/air mixture explosion and its affecting factors. **2017**, 49, 675-682	29
88	Gold Nanoparticles Supported on Mesoporous Titania Thin Films with High Loading as a CO Oxidation Catalyst. **2017**, 12, 877-881	6
87	Measured carbon monoxide concentrations from stock and reduced-emission prototype portable generators operated in an attached garage. **2017**, 67, 889-898	
86	Non-invasive multi wavelengths sensorsystem for measuring carboxy-and methemoglobin. **2017**, 3, 441-444	
85	Manner of Death Determination in Fire Fatalities: 5-Year Autopsy Data of Istanbul City. **2017**, 38, 59-68	4
84	Malodorogenic Sensing of Carbon Monoxide. **2017**, 23, 13328-13331	11
83	Kohlenstoffmonoxid-Vergiftung. **2017**, 67, 226-229	
82	Eco-threat Minimization in HCl Leaching of PGMs from Spent Automobile Catalysts by Formic Acid Prereduction. **2017**, 5, 7302-7309	33
81	Decreased blood pressure associated with in-vehicle exposure to carbon monoxide in Korean volunteers. **2017**, 22, 34	8
80	CORP: The assessment of total hemoglobin mass by carbon monoxide rebreathing. **2017**, 123, 645-654	33
79	A Multisensor Mobile Interface for Industrial Environment and Healthcare Monitoring. **2017**, 64, 2344-2352	22

| 78 | Fine-Tuning the Fluorescence Gain of FRET-Type (Bodipy)(Bodipy')-NHC-Iridium Complexes for CO Detection with a Large Virtual Stokes Shift. **2017**, 23, 711-719 | | 16 |

| 77 | Inalazione di fumo. **2017**, 21, 1-9 | | |

| 76 | Design of an unbiased finite impulse response filter for a smart sensor to estimate state of CO concentration. **2017**, | | |

| 75 | Combined application of dexamethasone and hyperbaric oxygen therapy yields better efficacy for patients with delayed encephalopathy after acute carbon monoxide poisoning. **2017**, 11, 513-519 | | 22 |

| 74 | Efficacy of N-Butylphthalide and Hyperbaric Oxygen Therapy on Cognitive Dysfunction in Patients with Delayed Encephalopathy After Acute Carbon Monoxide Poisoning. **2017**, 23, 1501-1506 | | 24 |

| 73 | Carbon Monoxide and Cyanide Poisoning in the Burned Pregnant Patient: An Indication for Hyperbaric Oxygen Therapy. **2018**, 80, S106-S112 | | 16 |

| 72 | Epidemiological Study of Carbon Monoxide Deaths in Scotland 2007-2016. **2018**, 63, 1776-1782 | | 6 |

| 71 | Response time of indirectly accessed gas exchange depends on measurement method. **2018**, 63, 647-655 | | 2 |

| 70 | Numerical simulation of a cinema fire based on FDS. **2018**, 13, 200 | | |

| 69 | Carboxyhaemoglobin Levels among Traders Exposed to Vehicular Emissions in Three Motor Parks in Ibadan, Nigeria. **2018**, 2018, 9174868 | | 2 |

| 68 | Smoking fewer than 20 cigarettes per day and remaining abstinent for more than 12 hours reduces carboxyhemoglobin levels in packed red blood cells for transfusion. **2018**, 13, e0204102 | | 13 |

| 67 | Replicating measurements of total hemoglobin mass (tHb-mass) within a single day: precision of measurement; feasibility and safety of using oxygen to expedite carbon monoxide clearance. **2018**, 6, e13829 | | 4 |

| 66 | Carbon Monoxide Sensing Technologies for Next-Generation Cyber-Physical Systems. *Sensors*, **2018**, 18, | 3.8 | 38 |

| 65 | Giving an Odor to Carbon Monoxide: Malodorogenic Sensing of Carbon Monoxide via [IrCl(cod)(NHC)] Complexes. **2018**, 2018, 2054-2059 | | 3 |

| 64 | Some Influences of Underground Coal Gasification on the Environment. **2018**, 10, 1512 | | 14 |

| 63 | Event driven and semantic based approach for data processing on IoT gateway devices. **2019**, 10, 4663-4678 | | 10 |

| 62 | Cardioprotective effects of hesperidin on carbon monoxide poisoned in rats. **2021**, 44, 668-673 | | 12 |

| 61 | Evaluation of synthetic gas harmful effects created at the underground coal gasification process realized in laboratory conditions. **2019**, 147, 106866 | | 3 |

| 60 | Multi-Sensor Data Fusion in A Real-Time Support System for On-Duty Firefighters. *Sensors*, **2019**, 19, | 3.8 | 6 |

| 59 | Nanostructured GaN and AlGaN/GaN heterostructure for catalyst-free low-temperature CO sensing. **2019**, 481, 379-384 | | 10 |

| 58 | Effect of p- or n-Type Semiconductor on CO Sensing Performance of Catalytic Combustion-Type CO Gas Sensor with CeO2-ZrO2-ZnO Based Catalyst. **2019**, 92, 585-591 | | 11 |

| 57 | Utility of brain CT for predicting delayed encephalopathy after acute carbon monoxide poisoning. **2019**, 17, 2682-2688 | | 7 |

| 56 | Tetraalkylammonium Salts of Platinum Nitrato Complexes: Isolation, Structure, and Relevance to the Preparation of PtO /CeO Catalysts for Low-Temperature CO Oxidation. **2019**, 58, 6075-6087 | | 16 |

| 55 | Initial Sticking Coefficient Attenuation of Gases in Carbon Monoxide Sensing on Pt80Au14Ti6. **2019**, 1338, 012021 | | |

| 54 | Ultrafast and highly selective CO gas sensor based on rGO/Fe3O4 nanocomposite at room temperature. **2019**, | | 0 |

| 53 | Kitchen Pollutants Control and Ventilation. **2019**, | | |

| 52 | CO Gas Sensor Based on E-Beam Evaporated ZnO, MgZnO, and CdZnO Thin Films: A Comparative Study. **2019**, 19, 2450-2457 | | 27 |

| 51 | Hollow Mesoporous Co O -CeO Composite Nanotubes with Open Ends for Efficient Catalytic CO Oxidation. **2019**, 12, 1084-1090 | | 23 |

| 50 | Some vitreous humour cardiorenal biochemical parameters as an indicator of acute carbon monoxide poisoning death: an animal model. **2019**, 51, 476-484 | | 3 |

| 49 | The methodology of star rating for improved biomass cookstoves: barrier analysis of adoption and plan for remediation of barriers in India and elsewhere. **2019**, 10, 131-144 | | 6 |

| 48 | Hydrogen gas protects against delayed encephalopathy after acute carbon monoxide poisoning in a rat model. **2020**, 42, 22-30 | | 5 |

| 47 | Investigation of carbon monoxide gas adsorption on the Al2O3/Pd(NO3)2/zeolite composite film. **2020**, 14, 65-74 | | 4 |

| 46 | Disturbances in Energy Supply. **2020**, 101-134 | | |

| 45 | Smoking, blood cells and myeloproliferative neoplasms: meta-analysis and Mendelian randomization of 2 million people. **2020**, 189, 323-334 | | 20 |

| 44 | Association between Neuron-Specific Enolase Gene Polymorphism and Delayed Encephalopathy after Acute Carbon Monoxide Poisoning. **2020**, 2020, 8819210 | | 2 |

| 43 | Study on Chemical Kinetics of Explosion Caused by Pentane Leakage. **2020**, 5, 21669-21678 | | |

#	Reference	IF	Citations
42	A Portable Environmental Data-Monitoring System for Air Hazard Evaluation in Deep Underground Mines. **2020**, 13, 6331		20
41	Enhancement in the Detection Ability of Metal Oxide Sensors Using Defect-Rich Polycrystalline Nanofiber Devices. **2020**, 4, 2000041		
40	Theoretical mechanistic study of CO catalytic oxidation by O2 on an ultra-small 13-atom bimetallic Ag7Au6 cluster. **2020**, 595, 117505		7
39	Air Pollutant Exposure and Stove Use Assessment Methods for the Household Air Pollution Intervention Network (HAPIN) Trial. **2020**, 128, 47009		16
38	The Efficacy of N-Butylphthalide and Dexamethasone Combined with Hyperbaric Oxygen on Delayed Encephalopathy After Acute Carbon Monoxide Poisoning. **2020**, 14, 1333-1339		11
37	Chemical exposure and flammability risks of upholstered furniture. **2021**, 45, 167-180		7
36	COMPARISON BETWEEN LONGITUDINAL VENTILATION SYSTEM AND POINT EXTRACTION SYSTEM IN ROAD TUNNEL FIRE SAFETY. **2021**, 77, 41-59		
35	Impact of Hyperbaric Oxygen Therapy on Cognitive Functions: a Systematic Review. **2021**, 1		4
34	Method-Specific Suicide Rates and Accessibility of Means. **2021**,		0
33	Carboxyhemoglobin levels in children during extracorporeal membrane oxygenation support: a retrospective study. **2021**, 2676591211027776		1
32	Clays as Inhibitors of Polyurethane Foams' Flammability. **2021**, 14,		4
31	Carbon monoxide sensor based on polypyrrole graphene oxide composite: a cost-effective approach. *Applied Physics A: Materials Science and Processing*, **2021**, 127, 1	2.6	8
30	2-Methylfuran (MF) as a potential biofuel: A thorough review on the production pathway from biomass, combustion progress, and application in engines. *Renewable and Sustainable Energy Reviews*, **2021**, 148, 111265	16.2	38
29	A BIM-based framework for evacuation assessment of high-rise buildings under post-earthquake fires. *Journal of Building Engineering*, **2021**, 43, 102559	5.2	4
28	Repeated unconsciousness due to chronic carbon monoxide poisoning in an older patient: a case report. *Journal of Rural Medicine: JRM*, **2021**, 16, 289-292	0.5	
27	Comparison of Vitreous Protein Profiles of Rabbits subjected to Acute Carbon Monoxide poisoning and normal animal after death. *Journal of Forensic Science and Research*, **2017**, 1, 040-045	0.8	2
26	Magnesium sulfate protects the heart against carbon monoxide-induced cardiotoxicity in rats. *Research in Pharmaceutical Sciences*, **2018**, 13, 65-72	2.6	7
25	Air Pollution by Carbon Monoxide (CO) Poisonous Gas in Lagos Area Southwestern Nigeria. *Atmospheric and Climate Sciences*, **2013**, 03, 510-514	0.7	4

24	The Importance of H-FABP in Determining the Severity of Carbon Monoxide Poisoning. *Journal of Clinical Medicine Research*, **2011**, 3, 296-302	2.9	3
23	Performance Comparison of Different Intelligent Techniques Applied on Detecting Proportion of Different Component in Manhole Gas Mixture. **2013**, 758-785		2
22	Conjugate Gradient Trained Neural Network for Intelligent Sensing of Manhole Gases to Avoid Human Fatality. *Advances in Information Security, Privacy, and Ethics Book Series*, **2014**, 257-280	0.3	
21	A Study on the Development of the Charcoal with Low Carbon Monoxide Emission using Biomass Combustion Improver. *Journal of Energy Engineering*, **2016**, 25, 9-17		
20	Development of a Real-Time Supported System for Firefighters in Emergency Cases. *IFMBE Proceedings*, **2018**, 45-51	0.2	1
19	[Carbon monoxide poisoning, treatment and orientation]. *Revue De L'infirmiere*, **2018**, 67, 18-20	0	0
18	Pollutions of Cooking Oil Fume and Health Risks. **2019**, 61-150		
17	Biochemical Patterns of Cardio-renal Biomarkers in Serum and Vitreous Humor of Rabbits after Chronic CO Exposure. *Annals of Environmental Science and Toxicology*, 001-006	0.3	1
16	The Prediction of Possibilities of CO Poisoning and Explosion during Syngas Leakage in the UCG Process. *Processes*, **2021**, 9, 1912	2.9	0
15	Effects of erythropoietin on electrocardiogram changes in carbon monoxide poisoning: an experimental study in rats. *Iranian Journal of Pharmaceutical Research*, **2012**, 11, 1191-9	1.1	4
14	Histopathological study of erythropoietin protective effect on carbon monoxide-induced cardiotoxicity in rat. *Iranian Journal of Basic Medical Sciences*, **2017**, 20, 1189-1193	1.8	1
13	Improvement of heat and smoke confinement using air curtains in informal shopping malls. *Journal of Building Engineering*, **2021**, 103676	5.2	0
12	Prediction of CO Emission from Partially-Premixed Gas Cooker. *SSRN Electronic Journal*,	1	
11	Development and Assessment of Harmful Gases Reducing Molded Fuel Using Torrefied Wood. *Journal of the Korean Wood Science and Technology*, **2020**, 48, 732-744	2	1
10	Correlationship between Diabetes Mellitus and Chronic Carbon Monoxide Intoxication. *Journal of Diabetes Mellitus*, **2022**, 12, 63-74	0.5	
9	Selective Detection of Carbon Monoxide on P-Block Doped Monolayers of MoTe.. *ACS Sensors*, **2022**,	9.2	3
8	Autonomous Multi-Rotor Aerial Platform for Air Pollution Monitoring.. *Sensors*, **2022**, 22,	3.8	5
7	CO sensing properties of nanostructured WSe2/GaN and MoSe2/GaN based gas sensors. *Physica E: Low-Dimensional Systems and Nanostructures*, **2022**, 139, 115147	3	0

6	Prediction of CO emission from partially-premixed gas cooker. *Case Studies in Thermal Engineering*, **2022**, 31, 101833	5.6
5	Influence of Low Concentrations of Carbon Monoxide on Metabolism of Isolated Heart under Conditions of Ischemia-Reperfusion. *Ukraïns?kij Žurnal Medicini Bìologìï Ta Sportu*, **2021**, 6, 230-238	0.1
4	Nanocatalysts for exhaust emissions reduction. **2022**, 511-527	
3	Air curtain in informal shopping malls: Optimization of the air curtain operating parameters for heat and smoke confinement. **2022**, 276, 112531	0
2	How do technological changes in artisanal and small-scale gold mining affect the environment and communities health?. **2022**, 101178	0
1	Environmental Applications of Zeolites: Preparation and Screening of Cu-Modified Zeolites as Potential CO Sensors. **2023**, 5, 314-333	0