

SCI Papers

TOP 10 SUBJECT AREAS FOR PAPERS PUBLISHED IN 2024	RECORD COUNT	% OF 3,310
Materials Science Multidisciplinary	289	8,731
Engineering Electrical Electronic	265	8,006
Environmental Sciences	263	7,946
Chemistry Multidisciplinary	187	5,65
Physics Applied	177	5,347
Telecommunications	171	5,166
Chemistry Physical	166	5,015
Computer Science Information Systems	131	3,958
Computer Science Interdisciplinary Applications	118	3,565
Green Sustainable Science Technology	113	3,414

* Data retrieved from ISI Web of Knowledge SM (Thomson Reuters) on May 19th, 2025

TOP 10 CITED PAPERS	TOTAL NR CITATIONS (2020-2024)
Klionsky, Daniel J.; Abdel-Aziz, Amal Kamal; Abdelfatah, Sara; Abdellatif, Mahmoud; Abdoli, Asghar; Abel, Steffen; et al. (2021). Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). AUTOPHAGY, 17 (1): 1-382	1,313
Prata, Joana Correia; da Costa, Joao P.; Lopes, Isabel; Duarte, Armando C.; Rocha-Santos, Teresa; et al. (2020). Environmental exposure to microplastics: An overview on possible human health effects. SCIENCE OF THE TOTAL ENVIRONMENT, 702 (-): -	1,244
Prata, Joana C.; Silva, Ana L. P.; Walker, Tony R.; Duarte, Armando C.; Rocha-Santos, Teresa; et al. (2020). COVID-19 Pandemic Repercussions on the Use and Management of Plastics. ENVIRONMENTAL SCIENCE & TECHNOLOGY, 54 (13): 7760-7765	616
Silva, Ana L. Patricio; Prata, Joana C.; Walker, Tony R.; Duarte, Armando C.; Ouyang, Wei; Barcelo, Damia; Rocha-Santos, Teresa; et al. (2021). Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. CHEMICAL ENGINEERING JOURNAL, 405 (-): -	614
Dias, Maria Celeste; Pinto, Diana C. G. A.; Silva, Artur M. S.; et al. (2021). Plant Flavonoids: Chemical Characteristics and Biological Activity. MOLECULES, 26 (17): -	579
Barboza, Luis Gabriel A.; Lopes, Clara; Oliveira, Patricia; Bessa, Filipa; Otero, Vanessa; Henriques, Bruno; Raimundo, Joana; Caetano, Miguel; Vale, Carlos; Guilhermino, Lucia; et al. (2020). Microplastics in wild fish from North East Atlantic Ocean and its potential for causing neurotoxic effects, lipid oxidative damage, and human health risks associated with ingestion exposure. SCIENCE OF THE TOTAL ENVIRONMENT, 717 (-): -	514
Kumar, Amit; Amit Kumar; Cabral-Pinto, M. M. S.; Chaturvedi, Ashish K.; Shabnam, Aftab A.; Subrahmanyam, Gangavarapu; Mondal, Raju; Gupta, Dipak Kumar; Malyan, Sandeep K.; Kumar, Smita S.; Khan, Shakeel A.; Yadav, Krishna K.; et al. (2020). Lead Toxicity: Health Hazards, Influence on Food Chain, and Sustainable Remediation Approaches. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, 17 (7): -	475
Ndairoua, Faical; Area, Ivan; Nieto, Juan J.; Torres, Delfim F. M.; et al. (2020). Mathematical modeling of COVID-19 transmission dynamics with a case study of Wuhan. CHAOS SOLITONS & FRACTALS, 135 (-): -	412
Kapralov, Alexandr A.; Yang, Qin; Dar, Haider H.; Tyurina, Yulia Y.; Anthonymuthu, Tamil S.; Kim, Rina; St Croix, Claudette M.; Mikulska-Ruminska, Karolina; Liu, Bing; Shrivastava, Indira H.; Tyurin, Vladimir A.; Ting, Hsiu-Chi; Wu, Yijun L.; Gao, Yuan; Shurin, Galina V.; Artyukhova, Margarita A.; Ponomareva, Liubov A.; Timashev, Peter S.; Domingues, Rosario M.; Stoyanovsky, Detcho A.; Greenberger, Joel S.; Mallampalli, Rama K.; Bahar, Ivet; Gabrilovich, Dmitry I.; Bayir, Hulya; Kagan, Valerian E.; et al. (2020). Redox lipid reprogramming commands susceptibility of macrophages and microglia to ferroptotic death. NATURE CHEMICAL BIOLOGY, 16 (3): 278-+	385
Rodriguez-Mozaz, Sara; Vaz-Moreira, Ivone; Varela Della Giustina, Saulo; Llorca, Marta; Barcelo, Damia; Schubert, Sara; Berendonk, Thomas U.; Michael-Kordatou, Irene; Fatta-Kassinos, Despo; Luis Martinez, Jose; Elpers, Christian; Henriques, Isabel; Jaeger, Thomas; Schwartz, Thomas; Paulshus, Erik; O'Sullivan, Kristin; Parnanen, Katarina M. M.; Virta, Marko; Thi Thuy Do; Walsh, Fiona; Manaiá, Celia M.; et al. (2020). Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. ENVIRONMENT INTERNATIONAL, 140 (-): -	364

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