

SCI Papers

| TOP 10 SUBJECT AREAS FOR PAPERS PUBLISHED IN 2022 | RECORD COUNT | % OF 3,168 |
|---|--------------|------------|
| Environmental Sciences | 394 | 12,437 % |
| Materials Science Multidisciplinary | 350 | 11,048 % |
| Chemistry Multidisciplinary | 266 | 8,396 % |
| Physics Applied | 221 | 6,976 % |
| Engineering Electrical Electronic | 175 | 5,524 % |
| Biochemistry Molecular Biology | 160 | 5,051 % |
| Chemistry Physical | 146 | 4,609 % |
| Green Sustainable Science Technology | 122 | 3,851 % |
| Computer Science Information Systems | 111 | 3,504 % |
| Energy Fuels | 105 | 3,314 % |

* Data retrieved from ISI Web of Knowledge SM (Thomson Reuters) on 8th May 2023

| TOP 10 CITED PAPERS | TOTAL NR CITATIONS (2018-2022) |
|--|-----------------------------------|
| Kunkle, BW; Grenier-Boley, B; Sims, R; Bis, JC; Damotte, V; Naj, AC; et al (2019). Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A beta, tau, immunity and lipid processing. NATURE GENETICS, 51 (3): 414-430 | 1,033 |
| Brodkorb, A; Egger, L; Alminger, M; Alvito, P; Assuncao, R; et al. (2019). INFOGEST static in vitro simulation of gastrointestinal food digestion. NATURE PROTOCOLS, 14 (4): 991-1014 | 881 |
| de Sa, LC; Oliveira, M; Ribeiro, F; Rocha, TL; Futter, MN (2018). Studies of the effects of microplastics on aquatic organisms: What do we know and where should we focus our efforts in the future?. SCIENCE OF THE TOTAL ENVIRONMENT, 645: 1029-1039 | 573 |
| Klionsky, D J; Abdel-Aziz, AK; Abdelfatah, S; Abdellatif, M; Abdoli, A; et al (2021). Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). AUTOPHAGY, 17 (1): 1-382 | 522 |
| Prata, JC; da Costa, JP; Lopes, I; Duarte, AC; Rocha-Santos, T (2020). Environmental exposure to microplastics: An overview on possible human health effects. SCIENCE OF THE TOTAL ENVIRONMENT, 702, 134455 | 490 |
| Brites, CDS; Balabhadra, S; Carlos, LD (2019). Lanthanide-Based Thermometers: At the Cutting-Edge of Luminescence Thermometry. ADVANCED OPTICAL MATERIALS, 7 (5), 1801239 | 433 |
| Martins, MAR; Pinho, SP; Coutinho, JAP (2019). Insights into the Nature of Eutectic and Deep Eutectic Mixtures. JOURNAL OF SOLUTION CHEMISTRY, 48 (7): 962-982 | 366 |
| Prata, JC; da Costa, JP; Duarte, AC; Rocha-Santos, T (2019). Methods for sampling and detection of microplastics in water and sediment: A critical review. TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 110, 150-159 | 358 |
| Silva, ALP; Prata, JC; Walker, TR; Duarte, AC; Ouyang, W; Barcelo, D; Rocha-Santos, T (2021). Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. CHEMICAL ENGINEERING JOURNAL, 405: 126683 | 354 |
| Silva, AB; Bastos, AA; Justino, CIL; da Costa, JP; Duarte, AC; Rocha-Santos, T (2018). Microplastics in the environment: Challenges in analytical chemistry A review. ANALYTICA CHIMICA ACTA, 1017: 1-19 | 349 |

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