



A Group of Authors Massively Reused Spectra and Images on 26 Articles

Recently, the 5GH team found that 26 articles massively reuse spectra and images, and 5 other articles have questionable (hand-draw style) spectra. These 31 articles have one common name, Nezamaddin Mengelizadeh with Larestan University of Medical Sciences, Iran. The articles were published between 2018 and 2025, and most targeted "Desalination and Water Treatment", an Elsevier title, and "Environmental Science and Pollution Research", a Springer Nature title. Please find the online report and the Supporting Information for more details.

DOI	Journal	Publisher	Year	Issue(s)
10.1007/s11356-021-13525-1	Environmental Science and Pollution Research	Springer Nature	2021	Figure 6, Figure 3, Figure 2, Figure 5, Figure 4
10.1016/j.jenvman.2021.112777	Journal of Environmental Management	Elsevier	2021	Figure 4, Figure 1, Figure 2, Figure 5, Figure 6
10.5004/dwt.2019.24593	Desalination and Water Treatment	Elsevier	2019	Figure 2, Figure 6
10.1016/j.jwpe.2021.102548	Journal of Water Process Engineering	Elsevier	2021	Figure 2, Figure 3, Figure 4
10.1016/j.dwt.2024.100219	Desalination and Water Treatment	Elsevier	2024	Figure 2, Figure 3, Figure 4
10.1080/03067319.2022.2118055	International Journal of Environmental Analytical Chemistry	Taylor & Francis	2022	Figure 2
10.5004/dwt.2020.25422	Desalination and Water Treatment	Elsevier	2020	Figure 1, Figure 5, Figure 4, Figure 2
10.1016/j.dwt.2024.100833	Desalination and Water Treatment	Elsevier	2024	Figure 2
10.1016/j.jwpe.2019.100852	Journal of Water Process Engineering	Elsevier	2019	Figure 4
10.1007/s11356-021-14590-2	Environmental Science and Pollution Research	Springer Nature	2021	Figure 5
10.1007/s11356-022-19460-z	Environmental Science and Pollution Research	Springer Nature	2022	Figure 3
10.1007/s13399-022-02305-7	Biomass Conversion and Biorefinery	Springer Nature	2022	Figure 5, Figure 3
10.1002/wer.1291	Water Environment Research	Wiley	2020	Figure 2, Figure 3, Figure 4
10.1007/s11356-020-10427-6	Environmental Science and Pollution Research	Springer Nature	2020	Figure 1
10.1016/j.jphotochem.2021.113617	Journal of Photochemistry and Photobiology A: Chemistry	Elsevier	2021	Figure 2
10.1002/aoc.7961	Applied Organometallic Chemistry	Wiley	2025	Figure 2, Figure 3, Figure 4
10.1080/03067319.2024.2341315	International Journal of Environmental Analytical Chemistry	Taylor & Francis	2024	Figure 3
10.1016/j.envres.2023.118019	Environmental Research	Elsevier	2023	Figure 2, Figure 4, Figure 5
10.1016/j.jphotochem.2023.115140	Journal of Photochemistry and Photobiology A: Chemistry	Elsevier	2023	Figure 2, Figure 3, Figure 4
10.1007/s11356-023-29283-1	Environmental Science and Pollution Research	Springer Nature	2023	Figure 2, Figure 4, Figure 5
10.1007/s11356-018-2527-8	Environmental Science and Pollution Research	Springer Nature	2018	Figure 3
10.1016/j.psep.2018.08.014	Process Safety and Environmental Protection	Elsevier	2018	Figure 2
10.1016/j.jece.2018.05.023	Journal of Environmental Chemical Engineering	Elsevier	2018	Figure 4
10.5004/dwt.2021.27300	Desalination and Water Treatment	Elsevier	2021	Figure 2
10.5004/dwt.2018.22229	Desalination and Water Treatment	Elsevier	2018	Figure 5
10.1016/j.apl.2022.103438	Advanced Powder Technology	Elsevier	2022	Figure 1
Below are articles having questionable spectra				
10.1007/s10876-024-02707-9	Journal of Cluster Science	Springer Nature	2024	Figure 2, Figure 6
10.1007/s11356-023-27277-7	Environmental Science and Pollution Research	Springer Nature	2023	Figure 4
10.1016/j.colcom.2021.100532	Colloid and Interface Science Communications	Elsevier	2021	Figure 1
10.1016/j.jphotochem.2025.116278	Journal of Photochemistry & Photobiology, A: Chemistry	Elsevier	2025	Figure 7
10.1016/j.rineng.2024.103824	Results in Engineering	Elsevier	2024	Figure 2
