

# John N Hahladakis

## List of Publications by Citations

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38

papers

2,536

citations

20

h-index

40

g-index

40

ext. papers

3,353

ext. citations

8.1

avg, IF

6.02

L-index

#	Paper	IF	Citations
38	An overview of chemical additives present in plastics: Migration, release, fate and environmental impact during their use, disposal and recycling. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 344, 179-199	12.8	1105
37	Closing the loop on plastic packaging materials: What is quality and how does it affect their circularity?. <i>Science of the Total Environment</i> , <b>2018</b> , 630, 1394-1400	10.2	156
36	Metrics for optimising the multi-dimensional value of resources recovered from waste in a circular economy: A critical review. <i>Journal of Cleaner Production</i> , <b>2017</b> , 166, 910-938	10.3	133
35	A pathway to circular economy: Developing a conceptual framework for complex value assessment of resources recovered from waste. <i>Journal of Cleaner Production</i> , <b>2017</b> , 168, 1279-1288	10.3	128
34	An overview of the challenges and trade-offs in closing the loop of post-consumer plastic waste (PCPW): Focus on recycling. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 380, 120887	12.8	83
33	Optimization of electrocoagulation (EC) process for the purification of a real industrial wastewater from toxic metals. <i>Journal of Environmental Management</i> , <b>2015</b> , 154, 117-27	7.9	82
32	Sequential application of chelating agents and innovative surfactants for the enhanced electroremediation of real sediments from toxic metals and PAHs. <i>Chemosphere</i> , <b>2014</b> , 105, 44-52	8.4	66
31	Use of Sediment Quality Guidelines and pollution indicators for the assessment of heavy metal and PAH contamination in Greek surficial sea and lake sediments. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 2843-53	3.1	65
30	Post-consumer plastic packaging waste in England: Assessing the yield of multiple collection-recycling schemes. <i>Waste Management</i> , <b>2018</b> , 75, 149-159	8.6	64
29	Qualitative and quantitative determination of heavy metals in waste cellular phones. <i>Waste Management</i> , <b>2013</b> , 33, 1882-9	8.6	62
28	Determination of toxic metals in discarded Liquid Crystal Displays (LCDs). <i>Resources, Conservation and Recycling</i> , <b>2014</b> , 92, 108-115	11.9	56
27	Leaching capacity of metals-metalloids and recovery of valuable materials from waste LCDs. <i>Waste Management</i> , <b>2015</b> , 45, 314-24	8.6	52
26	Assessment of toxic metals in waste personal computers. <i>Waste Management</i> , <b>2014</b> , 34, 1480-7	8.6	51
25	Technical properties of biomass and solid recovered fuel (SRF) co-fired with coal: Impact on multi-dimensional resource recovery value. <i>Waste Management</i> , <b>2018</b> , 73, 535-545	8.6	49
24	Fully integrated modelling for sustainability assessment of resource recovery from waste. <i>Science of the Total Environment</i> , <b>2018</b> , 612, 613-624	10.2	48
23	Performance of electroremediation in real contaminated sediments using a big cell, periodic voltage and innovative surfactants. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 320, 376-385	12.8	36
22	Use and comparison of the non-ionic surfactants Poloxamer 407 and Nonidet P40 with HP- $\beta$ -CD cyclodextrin, for the enhanced electroremediation of real contaminated sediments from PAHs. <i>Separation and Purification Technology</i> , <b>2013</b> , 113, 104-113	8.3	33

21	Qualitative determination and application of sewage sludge and municipal solid waste compost for BTEX removal from groundwater. <i>Journal of Environmental Chemical Engineering</i> , <b>2013</b> , 1, 9-17	6.8	31
20	An overview of brine management: Emerging desalination technologies, life cycle assessment, and metal recovery methodologies. <i>Journal of Environmental Management</i> , <b>2021</b> , 288, 112358	7.9	23
19	Delineating the plastic waste status in the State of Qatar: Potential opportunities, recovery and recycling routes. <i>Science of the Total Environment</i> , <b>2019</b> , 653, 294-299	10.2	23
18	A systems thinking approach to understanding the challenges of achieving the circular economy. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 24785-24806	5.1	18
17	Use and assessment of "e-plastics" as recycled aggregates in cement mortar. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 379, 120776	12.8	15
16	A Parameter Selection Framework for Sustainability Assessment. <i>Sustainability</i> , <b>2017</b> , 9, 1497	3.6	15
15	The Sea Diamond Shipwreck: environmental impact assessment in the water column and sediments of the wreck area. <i>International Journal of Environmental Science and Technology</i> , <b>2014</b> , 11, 1421-1432	3.3	15
14	Leaching of Toxic Elements from Lignite and Agroresidue Ashes in Cultivated Soils of Crete. <i>Energy &amp; Fuels</i> , <b>2005</b> , 19, 807-812	4.1	15
13	Plastic waste in a circular economy <b>2020</b> , 481-512		15
12	Development of an integrated sustainability matrix to depict challenges and trade-offs of introducing bio-based plastics in the food packaging value chain. <i>Journal of Cleaner Production</i> , <b>2021</b> , 286, 125378	10.3	15
11	Delineating the global plastic marine litter challenge: clarifying the misconceptions. <i>Environmental Monitoring and Assessment</i> , <b>2020</b> , 192, 267	3.1	14
10	Assessing the role and use of recycled aggregates in the sustainable management of construction and demolition waste via a mini-review and a case study. <i>Waste Management and Research</i> , <b>2020</b> , 38, 460-471	4	12
9	Delineating and preventing plastic waste leakage in the marine and terrestrial environment. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 12830-12837	5.1	10
8	Unpacking the complexity of the PET drink bottles value chain: A chemicals perspective.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 430, 128410	12.8	10
7	Assessment of tetrabromobisphenol-A (TBBPA) content in plastic waste recovered from WEEE. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 390, 121641	12.8	7
6	Assessment of released heavy metals from electrical and electronic equipment (EEE) existing in shipwrecks through laboratory-scale simulation reactor. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 250-251, 256-64	12.8	6
5	Application of ecological risk indicators for the assessment of Greek surficial sediments contaminated by toxic metals. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 271	3.1	5
4	Opportunities, challenges and trade-offs with decreasing avoidable food waste in the UK. <i>Waste Management and Research</i> , <b>2021</b> , 39, 473-488	4	5

3	Effectiveness factor of isopropanol oxidation on IrO <sub>2</sub> based electrodes of different loading. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 8215-8219	6.7	4
2	Material flow analysis of plastic waste in the gulf co-operation countries (GCC) and the Arabian gulf: Focusing on Qatar.. <i>Science of the Total Environment</i> , <b>2022</b> , 830, 154745	10.2	1
1	Why is the generation of packaging waste from express deliveries a major problem?. <i>Science of the Total Environment</i> , <b>2022</b> , 154759	10.2	1