Chon-Lin Lee

List of Publications by Year
in descending order

75	2,305	172207	233125
papers	citations	29 h-index	45 g-index

76	76	76	2887
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Emerging organic contaminants in coastal waters: Anthropogenic impact, environmental release and ecological risk. Marine Pollution Bulletin, 2014, 85, 391-399.	2.3	131
2	Evidence for Strong but Dynamic Ironâ˜'Humic Colloidal Associations in Humic-Rich Coastal Waters. Environmental Science & Technology, 2010, 44, 8485-8490.	4.6	107
3	From the highest to the deepest: The Gaoping Riverâ€"Gaoping Submarine Canyon dispersal system. Earth-Science Reviews, 2016, 153, 274-300.	4.0	98
4	Sources and distribution of polycyclic aromatic hydrocarbons in the sediments of Kaoping river and submarine canyon system, Taiwan. Marine Pollution Bulletin, 2007, 54, 1179-1189.	2.3	88
5	Distribution and source recognition of polycyclic aromatic hydrocarbons in the sediments of Hsin-ta Harbour and adjacent coastal areas, Taiwan. Marine Pollution Bulletin, 2003, 46, 941-953.	2.3	87
6	Characterization and distribution of metals in surficial sediments in Southwestern Taiwan. Marine Pollution Bulletin, 1998, 36, 464-471.	2.3	85
7	Polycyclic aromatic hydrocarbons in coastal sediments of southwest Taiwan: An appraisal of diagnostic ratios in source recognition. Marine Pollution Bulletin, 2009, 58, 752-760.	2.3	85
8	Impacts of Emerging Contaminants on Surrounding Aquatic Environment from a Youth Festival. Environmental Science & Technology, 2015, 49, 792-799.	4.6	80
9	Effects of ionic strength on the binding of phenanthrene and pyrene to humic substances: three-stage variation model. Water Research, 2003, 37, 4250-4258.	5.3	66
10	Anthropogenic contributions to global carbonyl sulfide, carbon disulfide and organosulfides fluxes. Earth-Science Reviews, 2016, 160, 1-18.	4.0	62
11	Two-site adsolubilization model of incorporation of alcohols into adsorbed surfactant aggregates. Langmuir, 1990, 6, 1758-1762.	1.6	53
12	Polybrominated diphenyl ethers and polychlorinated biphenyls in sediments of southwest Taiwan: Regional characteristics and potential sources. Marine Pollution Bulletin, 2011, 62, 815-823.	2.3	53
13	Use of oyster, Crassostrea gigas, and ambient water to assess metal pollution status of the charting coastal area, Taiwan, after the 1986 green oyster incident. Chemosphere, 1996, 33, 2505-2532.	4.2	52
14	Seasonal variation of atmospheric polycyclic aromatic hydrocarbons along the Kaohsiung coast. Journal of Environmental Management, 2011, 92, 2029-2037.	3.8	52
15	Superhydrophobic graphene-based sponge as a novel sorbent for crude oil removal under various environmental conditions. Chemosphere, 2018, 207, 110-117.	4.2	48
16	Composition and distribution of polycyclic aromatic hydrocarbons in the surface sediments from the Susquehanna River. Chemosphere, 2007, 66, 277-285.	4.2	46
17	Morphology and chemical properties of polypropylene pellets degraded in simulated terrestrial and marine environments. Marine Pollution Bulletin, 2019, 149, 110626.	2.3	46
18	From suspended particles to strata: The fate of terrestrial substances in the Gaoping (Kaoping) submarine canyon. Journal of Marine Systems, 2009, 76, 417-432.	0.9	43

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19	Airâ€“water exchange fluxes of polycyclic aromatic hydrocarbons in the tropical coast, Taiwan. Chemosphere, 2013, 90, 2614-2622.	4.2	40
20	Treatment of oil/water emulsions using seawater-assisted microwave irradiation. Separation and Purification Technology, 2010, 74, 288-293.	3.9	39
21	Textural, surface and chemical properties of polyvinyl chloride particles degraded in a simulated environment. Marine Pollution Bulletin, 2018, 133, 392-401.	2.3	39
22	Quantification of the dissolved organic matter effect on the sorption of hydrophobic organic pollutant: Application of an overall mechanistic sorption model. Chemosphere, 1999, 38, 807-821.	4.2	37
23	Concentrations of chlorobenzenes, hexachlorobutadiene and heavy metals in surficial sediments of Kaohsiung coast, Taiwan. Chemosphere, 2000, 41, 889-899.	4.2	37
24	Inter-comparison of Seasonal Variation, Chemical Characteristics, and Source Identification of Atmospheric Fine Particles on Both Sides of the Taiwan Strait. Scientific Reports, 2016, 6, 22956.	1.6	34
25	Diffusive exchange of PAHs across the airâ€“water interface of the Kaohsiung Harbor lagoon, Taiwan. Journal of Environmental Management, 2012, 110, 179-187.	3.8	33
26	A prominent air pollutant, Indeno[1,2,3-cd]pyrene, enhances allergic lung inflammation via aryl hydrocarbon receptor. Scientific Reports, 2018, 8, 5198.	1.6	33
27	Seasonality of diffusive exchange of polychlorinated biphenyls and hexachlorobenzene across the airâ€“sea interface of Kaohsiung Harbor, Taiwan. Science of the Total Environment, 2008, 407, 548-565.	3.9	30
28	Source identification and characterization of atmospheric polycyclic aromatic hydrocarbons along the southwestern coastal area of Taiwan â€“ with a GMDH approach. Journal of Environmental Management, 2013, 115, 60-68.	3.8	30
29	A new grid-scale model simulating the spatiotemporal distribution of PM2.5-PAHs for exposure assessment. Journal of Hazardous Materials, 2016, 314, 286-294.	6.5	29
30	Clustered long-range transport routes and potential sources of PM 2.5 and their chemical characteristics around the Taiwan Strait. Atmospheric Environment, 2017, 148, 152-166.	1.9	29
31	Source contributions and mass loadings for chemicals of emerging concern: Chemometric application of pharmaco-signature in different aquatic systems. Environmental Pollution, 2016, 208, 79-86.	3.7	28
32	Differential time-lag effects of ambient PM2.5 and PM2.5-bound PAHs on asthma emergency department visits. Environmental Science and Pollution Research, 2020, 27, 43117-43124.	2.7	27
33	Sources and distribution of chlorobenzenes and hexachlorobutadiene in surficial sediments along the coast of Southwestern Taiwan. Chemosphere, 1997, 35, 2039-2050.	4.2	26
34	Aliphatic and polycyclic aromatic hydrocarbons in sediments of Kaohsiung Harbour and adjacent coast, Taiwan. Environmental Monitoring and Assessment, 2005, 100, 217-234.	1.3	25
35	The use of polycyclic aromatic hydrocarbons as a particulate tracer in the water column of Gaoping (Kaoping) Submarine Canyon. Journal of Marine Systems, 2009, 76, 457-467.	0.9	25
36	A Preliminary Assessment of Polycyclic Aromatic Hydrocarbon Distribution in the Kenting Coral Reef Waters of Southern Taiwan. Archives of Environmental Contamination and Toxicology, 2010, 58, 489-498.	2.1	25

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37	Effects of temperature, rainfall and conifer felling practices on the surface water chemistry of northern peatlands. Biogeochemistry, 2015, 126, 343-362.	1.7	25
38	Role of microgel formation in scavenging of chromophoric dissolved organic matter and heavy metals in a river-sea system. Journal of Hazardous Materials, 2017, 328, 12-20.	6.5	23
39	Pollution topography of chlorobenzenes and hexachlorobutadiene in sediments along the Kaohsiung coast, Taiwanâ€"a comparison of two consecutive yearsâ€™ survey with statistical interpretation. Chemosphere, 2005, 58, 1503-1516.	4.2	21
40	Distribution and source differentiation of PAHs and PCBs among size and density fractions in contaminated harbor sediment particles and their implications in toxicological assessment. Marine Pollution Bulletin, 2011, 62, 432-439.	2.3	21
41	Transboundary movement of polycyclic aromatic hydrocarbons (PAHs) in the Kuroshio Sphere of the western Pacific Ocean. Atmospheric Environment, 2012, 54, 470-479.	1.9	21
42	Carbonaceous particles reduce marine microgel formation. Scientific Reports, 2014, 4, 5856.	1.6	21
43	Alkylphenol ethoxylate metabolites in coastal sediments off southwestern Taiwan: Spatiotemporal variations, possible sources, and ecological risk. Chemosphere, 2019, 225, 9-18.	4.2	20
44	Concentrations of polycyclic aromatic hydrocarbon in the surface sediments from inter-tidal areas of Kenting coast, Taiwan. Environmental Monitoring and Assessment, 2012, 184, 3481-3490.	1.3	19
45	Source Apportionment and Risk Assessment of Emerging Contaminants: An Approach of Pharmaco-Signature in Water Systems. PLoS ONE, 2015, 10, e0122813.	1.1	19
46	Tracing typhoon effects on particulate transport in a submarine canyon using polycyclic aromatic hydrocarbons. Marine Chemistry, 2013, 157, 1-11.	0.9	16
47	Measuring bioavailable PAHs in estuarine water using semipermeable membrane devices with performance reference compounds. Marine Pollution Bulletin, 2014, 89, 376-383.	2.3	16
48	A new conceptual model for quantifying transboundary contribution of atmospheric pollutants in the East Asian Pacific rim region. Environment International, 2016, 88, 160-168.	4.8	16
49	Enrichment behavior of contemporary PAHs and legacy PCBs at the sea-surface microlayer in harbor water. Chemosphere, 2020, 245, 125647.	4.2	16
50	Effects of anthropogenic surfactants on the conversion of marine dissolved organic carbon and microgels. Marine Pollution Bulletin, 2017, 117, 156-160.	2.3	15
51	Reduction in the exchange of coastal dissolved organic matter and microgels by inputs of extra riverine organic matter. Water Research, 2018, 131, 161-166.	5.3	15
52	Effects of Seasonality and Transport Route on Chemical Characteristics of PM2.5 and PM2.5-10 in the East Asian Pacific Rim Region. Aerosol and Air Quality Research, 2017, 17, 2988-3005.	0.9	14
53	Transport and fluxes of terrestrial polycyclic aromatic hydrocarbons in a small mountain river and submarine canyon system. Journal of Environmental Management, 2016, 178, 30-41.	3.8	13
54	Synthesis and characterization of a simple chiral surfactant, sodium S-(â^')-Î²-citronellyl sulfate. Journal of Colloid and Interface Science, 1990, 137, 296-299.	5.0	12

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55	Treatment of a Cutting Oil Emulsion by Microwave Irradiation. Separation Science and Technology, 2009, 44, 1799-1815.	1.3	11
56	Complexationâ€“flocculation combined with microwave-assisted headspace solid-phase microextraction in determining the binding constants of hydrophobic organic pollutants to dissolved humic substances. Analyst, The, 2015, 140, 1275-1280.	1.7	11
57	Determination of Polycyclic Aromatic Hydrocarbons in Environmental Water Samples by Microwave-Assisted Headspace Solid-Phase Microextraction. Environmental Engineering Science, 2015, 32, 301-309.	0.8	10
58	Surfactants in the sea-surface microlayer and sub-surface water at estuarine locations: Their concentration, distribution, enrichment, and relation to physicochemical characteristics. Marine Pollution Bulletin, 2015, 97, 78-84.	2.3	10
59	The effects of flow rate and temperature on SPMD measurements of bioavailable PAHs in seawater. Marine Pollution Bulletin, 2015, 97, 217-223.	2.3	10
60	Mixing of dissolved organic matter from distinct sources: Using fluorescent pyrene as a probe. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 170-178.	0.9	8
61	Simulating the spatiotemporal distribution of BTEX with an hourly grid-scale model. Chemosphere, 2020, 246, 125722.	4.2	8
62	Environmental risks and sphingolipid signatures in adult asthma and its phenotypic clusters: a multicentre study. Thorax, 2023, 78, 225-232.	2.7	8
63	A centennial record of anthropogenic impacts and extreme weather events in southwestern Taiwan: Evidence from sedimentary molecular markers in coastal margin. Marine Pollution Bulletin, 2014, 86, 244-253.	2.3	7
64	Cracking and Photo-Oxidation of Polyoxymethylene Degraded in Terrestrial and Simulated Marine Environments. Frontiers in Marine Science, 2022, 9, .	1.2	7
65	pH dependence of binding benzo[h]quinoline and humic acid and effects on fluorescence quenching. Environmental Toxicology and Chemistry, 2010, 29, 1696-1702.	2.2	6
66	pH and ionic strength effects on the binding constant between a nitrogen-containing polycyclic aromatic compound and humic acid. Environmental Science and Pollution Research, 2015, 22, 13234-13242.	2.7	6
67	Atmospheric polycyclic aromatic hydrocarbons (PAHs) of southern Taiwan in relation to monsoons. Environmental Science and Pollution Research, 2016, 23, 15675-15688.	2.7	6
68	Stage change in binding of pyrene to selected humic substances under different ionic strengths. Environmental Toxicology and Chemistry, 2005, 24, 886-894.	2.2	5
69	Temporal and vertical variations of polycyclic aromatic hydrocarbon at low elevations in an industrial city of southern Taiwan. Scientific Reports, 2021, 11, 3453.	1.6	5
70	The role of the characteristics of humic substances in binding with benzo[h]quinoline. Environmental Toxicology and Chemistry, 2012, 31, 246-252.	2.2	4
71	Impact of Annual Exposure to Polycyclic Aromatic Hydrocarbons on Acute Exacerbation Frequency in Asthmatic Patients. Journal of Asthma and Allergy, 2021, Volume 14, 81-90.	1.5	4
72	Markers of East Asian dust storms in March 2010. Atmospheric Environment, 2015, 118, 219-226.	1.9	3

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73	Use of a numerical simulation approach to improve the estimation of air-water exchange fluxes of polycyclic aromatic hydrocarbons in a coastal zone. Marine Pollution Bulletin, 2017, 120, 259-267.	2.3	3
74	Treatment of solutions with binary solutes using an admicellar enhanced CSTR: background solute effect. Chemosphere, 2002, 47, 277-282.	4.2	2
75	Metal Concentration in Oyster,Crassostrea Gigas, and Sediment in Ann-Ping Mariculture Ground, Taiwan. Chemistry and Ecology, 1998, 14, 375-390.	0.6	0