Assessment of polycyclic aromatic hydrocarbon exposu Sound after the Exxon Valdez oil spill: 1989â€“2005

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Citation Report

#	Article	IF	Citations
1	Potential for Sea Otter Exposure to Remnants of Buried Oil From the Exxon Valdez Oil Spill. Environmental Science & Technology, 2007, 41, 6860-6867.	10.0	25
3	Temporal and spatial variation in solar radiation and photoâ€enhanced toxicity risks of spilled oil in Prince William Sound, Alaska, USA. Environmental Toxicology and Chemistry, 2008, 27, 727-736.	4.3	9
4	Source characterization using compound composition and stable carbon isotope ratio of PAHs in sediments from lakes, harbor, and shipping waterway. Science of the Total Environment, 2008, 389, 367-377.	8.0	53
5	Semipermeable membrane devices link site-specific contaminants to effects: Part 1 â€“ Induction of CYP1A in rainbow trout from contaminants in Prince William Sound, Alaska. Marine Environmental Research, 2008, 66, 477-486.	2.5	17
6	Semipermeable membrane devices link site-specific contaminants to effects: PART II â€“ A comparison of lingering Exxon Valdez oil with other potential sources of CYP1A inducers in Prince William Sound, Alaska. Marine Environmental Research, 2008, 66, 487-498.	2.5	22
7	Effects of 16 pure hydrocarbons and two oils on haemocyte and haemolymphatic parameters in the Pacific oyster, Crassostrea gigas (Thunberg). Toxicology in Vitro, 2008, 22, 1610-1617.	2.4	51
8	Distribution of water soluble components from Arctic marine oil spills â€” A combined laboratory and field study. Cold Regions Science and Technology, 2008, 54, 97-105.	3.5	30
9	Distribution and Weathering of Crude Oil Residues on Shorelines 18 Years After the Exxon Valdez Spill. Environmental Science & Technology, 2008, 42, 9210-9216.	10.0	64
10	A multibiomarker approach using the polychaete Arenicola marina to assess oil-contaminated sediments. Environmental Science and Pollution Research, 2009, 16, 618-629.	5.3	10
11	Immune effects of HFO on European sea bass, Dicentrarchus labrax, and Pacific oyster, Crassostrea gigas. Ecotoxicology and Environmental Safety, 2009, 72, 1446-1454.	6.0	30
12	Effects of two oils and 16 pure polycyclic aromatic hydrocarbons on plasmatic immune parameters in the European sea bass, Dicentrarchus labrax (LinnÃ©). Toxicology in Vitro, 2009, 23, 235-241.	2.4	29
13	Comments on the misuse of SPMDs in recent articles by Springman et al. (2008a,b) and Short et al. (2008). Marine Environmental Research, 2009, 67, 262-267.	2.5	0
14	Gonadal lesions of female sea urchin (Psammechinus miliaris) after exposure to the polycyclic aromatic hydrocarbon phenanthrene. Marine Environmental Research, 2009, 68, 128-136.	2.5	44
15	Hemocyte parameters of the Pacific oyster Crassostrea gigas a year after the Hebei Spirit oil spill off the west coast of Korea. Helgoland Marine Research, 2010, 64, 349-355.	1.3	33
16	Impacts of pollution derived from ship wrecks on the marine environment on the basis of s/s â€œStuttgartâ€•(Polish coast, Europe). Science of the Total Environment, 2010, 408, 5775-5783.	8.0	36
17	A Quantitative Ecological Risk Assessment of the Toxicological Risks fromExxon ValdezSubsurface Oil Residues to Sea Otters at Northern Knight Island, Prince William Sound, Alaska. Human and Ecological Risk Assessment (HERA), 2010, 16, 727-761.	3.4	23
18	In vivo effects of LCO soluble fraction on immune-related functions and gene transcription in the Pacific oyster, Crassostrea gigas (Thunberg). Aquatic Toxicology, 2010, 97, 196-203.	4.0	13
19	Responses of metabolic pathways to polycyclic aromatic compounds in flounder following oil spill in the Baltic Sea near the Estonian coast. Aquatic Toxicology, 2010, 99, 473-478.	4.0	20

#	Article	IF	Citations
20	Oil Biodegradation and Bioremediation: A Tale of the Two Worst Spills in U.S. History. Environmental Science & Technology, 2011, 45, 6709-6715.	10.0	711
21	Bioconcentration and immunotoxicity of an experimental oil spill in European sea bass (Dicentrarchus labrax L.). Ecotoxicology and Environmental Safety, 2011, 74, 2167-2174.	6.0	26
22	Effect of an experimental oil spill on vertebral bone tissue quality in European sea bass (Dicentrarchus labrax L.). Ecotoxicology and Environmental Safety, 2011, 74, 1888-1895.	6.0	17
23	Biota â€“ Sediment partitioning of aluminium smelter related PAHs and pulp mill related diterpenes by intertidal clams at Kitimat, British Columbia. Marine Environmental Research, 2011, 72, 105-126.	2.5	41
24	Are sea otters being exposed to subsurface intertidal oil residues from the Exxon Valdez oil spill?. Marine Pollution Bulletin, 2011, 62, 581-589.	5.0	19
25	Baseline Special Article: The ROPME Sea Area. Marine Pollution Bulletin, 2011, 62, 447-448.	5.0	0
26	Large-scale oil-in-ice experiment in the Barents Sea: Monitoring of oil in water and MetOcean interactions. Marine Pollution Bulletin, 2011, 62, 976-984.	5.0	26
27	Hydrocarbon composition and distribution in a coastal region under influence of oil production in northeast Brazil. Marine Pollution Bulletin, 2011, 62, 1877-1882.	5.0	9
28	Exposure of sea otters and harlequin ducks in Prince William Sound, Alaska, USA, to shoreline oil residues 20 years after the Exxon Valdez oil spill. Environmental Toxicology and Chemistry, 2011, 30, 659-672.	4.3	26
29	Fundamental Reservoir Engineering Principles Explain Lenses of Shoreline Residual Oil Twenty Years after the Exxon Valdez Oil Spill. , 2011, , .		2
30	Quantitative Assessment of Current Risks to Harlequin Ducks in Prince William Sound, Alaska, from theExxon ValdezOil Spill. Human and Ecological Risk Assessment (HERA), 2012, 18, 261-328.	3.4	11
31	Comparison of toxicity and transcriptomic profiles in a diatom exposed to oil, dispersants, dispersed oil. Aquatic Toxicology, 2012, 124-125, 139-151.	4.0	68
32	Quantifying populationâ€level risks using an individualâ€based model: Sea otters, Harlequin Ducks, and the Exxon Valdez oil spill. Integrated Environmental Assessment and Management, 2012, 8, 503-522.	2.9	9
33	Hypotheses concerning the decline and poor recovery of Pacific herring in Prince William Sound, Alaska. Reviews in Fish Biology and Fisheries, 2012, 22, 95-135.	4.9	44
34	Petroleum hydrocarbon contaminations in the intertidal seawater after the Hebei Spirit oil spill â€“ Effect of tidal cycle on the TPH concentrations and the chromatographic characterization of seawater extracts. Water Research, 2013, 47, 758-768.	11.3	62
35	Quantitative Risk Model for Polycyclic Aromatic Hydrocarbon Photoinduced Toxicity in Pacific Herring Following the Exxon Valdez Oil Spill. Environmental Science & Technology, 2013, 47, 5450-5458.	10.0	24
36	Change in the Concentrations of Polycyclic Aromatic Hydrocarbons in the Sediment of a Tidal Flat after a Fire. Bunseki Kagaku, 2013, 62, 25-29.	0.2	1
37	The phases of an oil spill and scientific studies of spill effects. , 0, , 37-53.		3

#	Article	IF	Citations
38	Oil in the water column. , 0, , 57-77.		1
39	Understanding subsurface contamination using conceptual and mathematical models. , 0, , 144-175.		2
40	Oiling effects on pink salmon. , 2013, , 263-291.		1
41	Pacific herring. , 2013, , 292-317.		1
42	Fully automated trace level determination of parent and alkylated PAHs in environmental waters by online SPE-LC-APPI-MS/MS. Analytical and Bioanalytical Chemistry, 2014, 406, 329-344.	3.7	33
43	First Day of an Oil Spill on the Open Sea: Early Mass Transfers of Hydrocarbons to Air and Water. Environmental Science & Technology, 2014, 48, 9400-9411.	10.0	78
44	Nineteen trace elements in marine copepods collected from the coastal waters off northeastern Taiwan. Continental Shelf Research, 2014, 91, 70-81.	1.8	13
45	Metal Transfer from Marine Coastal Sediment to Food Chain: Evaluating Strombus (Conomurex) persicus for Monitoring Metal Bioaccumulation. Procedia Environmental Sciences, 2015, 28, 37-44.	1.4	4
46	Very low embryonic crude oil exposures cause lasting cardiac defects in salmon and herring. Scientific Reports, 2015, 5, 13499.	3.3	131
47	Source Characterization of Polycyclic Aromatic Hydrocarbons by Using Their Molecular Indices: An Overview of Possibilities. Reviews of Environmental Contamination and Toxicology, 2015, 234, 49-133.	1.3	285
48	Heavy metal, trace element and petroleum hydrocarbon pollution in the Arabian Gulf: Review. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2015, 17, 90-100.	1.0	49
49	Toxicity assessment of water-accommodated fractions from two different oils using a zebrafish (Danio rerio) embryo-larval bioassay with a multilevel approach. Science of the Total Environment, 2016, 568, 952-966.	8.0	56
50	Toxicity of Water Accommodated Fractions of Estonian Shale Fuel Oils to Aquatic Organisms. Archives of Environmental Contamination and Toxicology, 2016, 70, 383-391.	4.1	5
51	Distribution and Attenuation of Polycyclic Aromatic Hydrocarbons in Gulf of Mexico Seawater from the Deepwater Horizon Oil Accident. Environmental Science & Technology, 2016, 50, 584-592.	10.0	71
52	Assessment of heavy metal and petroleum hydrocarbon contamination in the Sultanate of Oman with emphasis on harbours, marinas, terminals and ports. Marine Pollution Bulletin, 2017, 121, 260-273.	5.0	33
53	How including ecological realism impacts the assessment of the environmental effect of oil spills at the population level: The application of matrix models for Arctic Calanus species. Marine Environmental Research, 2018, 141, 264-274.	2.5	3
54	Fate of PAHs in the vicinity of aluminum smelter. Environmental Science and Pollution Research, 2018, 25, 26103-26113.	5.3	11
55	Physical properties of oil-particle aggregate (OPA)-containing sediments. Soil and Sediment Contamination, 2018, 27, 706-722.	1.9	10

#	Article	IF	Citations
56	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2018, 18, .	0.9	1
57	Transgenerational effects of heavy fuel oil on the sea urchin Strongylocentrotus intermedius considering oxidative stress biomarkers. Marine Environmental Research, 2018, 141, 138-147.	2.5	12
58	Phototoxic effects of two common marine fuels on the settlement success of the coral Acropora tenuis. Scientific Reports, 2018, 8, 8635.	3.3	28
59	Current Status of Marine Pollution and Mitigation Strategies in Arid Region: A Detailed Review. Ocean Science Journal, 2019, 54, 317-348.	1.3	19
60	Are oil spills a key mortality factor for marine turtles from the eastern coast of the United Arab Emirates?. Marine Pollution Bulletin, 2019, 149, 110624.	5.0	11
61	Traditional contaminants in sludge. , 2019, , 425-453.		2
62	Offshore Crude Oil Disrupts Retinoid Signaling and Eye Development in Larval Atlantic Haddock. Frontiers in Marine Science, 2019, 6, .	2.5	20
63	Polycyclic aromatic hydrocarbons (PAHs) in air associated with particles PM2.5 in the Basque Country (Spain). Air Quality, Atmosphere and Health, 2019, 12, 107-114.	3.3	15
64	The Importance of Understanding Transport and Degradation of Oil and Gasses from Deep-Sea Blowouts. , 2020, , 86-106.		3
65	Development of a computational method to quantify the partitioning of polycyclic aromatic hydrocarbons in seawater into dissolved and droplet forms. Marine Pollution Bulletin, 2020, 153, 110955.	5.0	1
66	The effects of ultraviolet radiation and climate on oil toxicity to coral reef organisms â€“ A review. Science of the Total Environment, 2020, 720, 137486.	8.0	30
67	Anthropogenic mortality and morbidity of marine turtles resulting from marine debris entanglement and boat strikes along the eastern coast of the United Arab Emirates. Marine Pollution Bulletin, 2020, 153, 111031.	5.0	13
68	Quantifying the consequence of applying conservative assumptions in the assessmentÂof oil spill effects on polar cod (Boreogadus saida) populations. Polar Biology, 2021, 44, 575-586.	1.2	4
69	Combined effects of crude oil exposure and warming on eggs and larvae of an arctic forage fish. Scientific Reports, 2021, 11, 8410.	3.3	19
70	Differential Gene Expression Induced by Acute Exposure to Water Accommodated Fraction (WAF) and Chemically Enhanced WAF (CEWAF) of Light Crude Oil and Nokomis 3-F4 in Limulus polyphemus Larvae. Bulletin of Environmental Contamination and Toxicology, 2021, , 1.	2.7	1
71	Effects of crude oil and field-generated burned oil residue on Northern shrimp (Pandalus borealis) larvae. Marine Environmental Research, 2021, 168, 105314.	2.5	6
72	Toxicity of Refugio Beach Oil to Sand Crabs (Emerita analoga), Blue Mussels (Mytilus sp.), and Inland Silversides (Menidia beryllina). Environmental Toxicology and Chemistry, 2021, 40, 2578-2586.	4.3	5
73	Environmental Implications of Oil Spills from Shipping Accidents. Reviews of Environmental Contamination and Toxicology, 2010, 206, 95-114.	1.3	21

#	Article	IF	Citations
74	Human-Mediated Impacts on the Health of Antarctic Wildlife. , 2009, , 241-262.		3
75	Polycyclic Aromatic Hydrocarbon Levels and Risk Assessment in Water, Sediment and Fish Samples from Alau Dam, Borno State, Nigeria. Journal of Environmental Science and Technology, 2018, 11, 139-146.	0.3	7
76	Using Fundamental Practices to Explain Field Observations Twenty-One Years after theExxon ValdezOil Spill. International Oil Spill Conference Proceedings, 2011, 2011, abs214.	0.1	3
77	A study on the effects of an artificial oil-spill on the ultrastructural changes in the digestive glands of Crassostrea gigas. Korean Journal of Malacology, 2011, 27, 77-86.	0.1	0
78	Effect of five PAHs (2-methylnaphthalene, fluorene, dibenzothiophene, phenanthrene, and pyrene) on the embryonic development in the mussel, Mytilus galloprovincialis. Korean Journal of Malacology, 2014, 30, 177-187.	0.1	3
79	Photo-enhanced toxicity of crude oil on early developmental stages of Atlantic cod (Gadus morhua). Science of the Total Environment, 2022, 807, 150697.	8.0	8
80	The Oil Spill Science Triad: Viewpoint on the Coexistence and Optimization of Models, Laboratory Tests, and Empirical Field Observations and Data for Natural Resource Damage Assessments. International Oil Spill Conference Proceedings, 2021, 2021, .	0.1	0
81	Effects of stranded heavy fuel oil subacute exposure on the fitness-related traits of sea urchin Strongylocentrotus intermedius. Marine and Freshwater Research, 2022, , .	1.3	2
82	Assessing the environmental risk posed by a legacy tanker wreck: a case study of the RFA War Mehtar. Environmental Research Communications, 2022, 4, 055005.	2.3	2
83	The mysterious oil spill in the northeastern coast of Brazil: tracking offshore seawater and the need for improved vessel facilities. Ocean and Coastal Research, 0, 70, .	0.6	0
84	Exposure of adult sea urchin Strongylocentrotus intermedius to stranded heavy fuel oil causes developmental toxicity on larval offspring. PeerJ, 2022, 10, e13298.	2.0	2
86	Setting the stage to advance oil toxicity testing: Overview of knowledge gaps, and recommendations. Aquatic Toxicology, 2023, 261, 106581.	4.0	1
87	No observed developmental effects in early life stages of capelin (Mallotus villosus) exposed to a water-soluble fraction of crude oil during embryonic development. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2023, 86, 404-419.	2.3	1
88	Crude Oil and Its Burnt Residues Induce Metamorphosis in Marine Invertebrates. Environmental Science & Technology, 2023, 57, 19304-19315.	10.0	0
89	Biological Responses of Pacific Herring Embryos to Crude Oil Are Quantifiable at Exposure Levels Below Conventional Limits of Quantitation for PAHs in Water and Tissues. Environmental Science & Technology, 2023, 57, 19214-19222.	10.0	0
90	Rapid dilution effectively decreases hydrocarbons following small oil spills, but impacts on microeukaryote communities are still observed. Frontiers in Marine Science, 0, 11, .	2.5	0