



فرم 4: مشخصات پژوهشگران



1- مشخصات پژوهشگر:

نام: علیرضا	نام خانوادگی: ریاحی بختیاری	نام پدر: بهادر
محل صدور شناسنامه: تهران	محل تولد: تهران	تاریخ تولد: 1347/5/7
تلفن همراه: 0912 6798768 تلفن محل کار: 021-82776690 تلفن منزل: 021-22792806		
آدرس الکترونیکی: riahi@modares.ac.ir ; ariyahi@gmail.com		

2- سوابق تحصیلی:

مقطع تحصیلی	رشته	کشور محل تحصیل	شهر محل تحصیل	مؤسسه محل تحصیل	تاریخ شروع	تاریخ پایان
دیپلم	علوم تجربی	ایران	تهران	خوارزمی		1365
کارشناسی	محیط زیست	ایران	گرگان	دانشگاه علوم کشاورزی	1366	1371
کارشناسی ارشد	محیط زیست	ایران	نور	دانشگاه تربیت مدرس	1371	1373
دکتری	آلودگی محیط زیست	مالزی	کوالالانپور	پوترا	1385	1388
تحصیلات غیردانشگاهی						



عنوان پایان نامه کارشناسی ارشد:

بررسی غلظت فلزات سنگین (Ni,Zn,Cu,Pb,Co,Cd) در آب، رسوبات و آبریزان رودخانه کارون

عنوان پایان نامه دکتری:

Sources and Distribution of n-alkanes and Polycyclic Aromatic Hydrocarbons in Selected Locations in Peninsular Malaysia

3- سوابق فعالیت‌های علمی- پژوهشی مرتبط با حوزه فعالیت گروه پژوهشی که پژوهشگر عضو آن معرفی شده است:

الف- طرح‌های تحقیقاتی مرتبط با حوزه فعالیت گروه:

ردیف	عنوان طرح	کارفرما	تاریخ شروع	تاریخ خاتمه	مسئولیت در طرح مجری/همکار
1	تعیین سطح تغییرات فلزات سرب و کادمیوم در بافت‌های مختلف برخی گونه های ماهی در رودخانه هراز	دانشگاه تربیت مدرس	1379	1379	مجری
2	استفاده از صدف های صخره ای خوراکی به منظور پایش زیستی فلزات سرب، روی، کادمیوم و مس در سواحل جزیره قشم خلیج فارس	دانشگاه تربیت مدرس	1388	1389	مجری
3	مطالعه ترکیبات PAHs و آلکانهای نرمال در رسوبات سطحی سواحل و دهانه رودخانه‌های منتهی به آن در جنوب غرب دریای خزر	سازمان حفاظت محیط زیست	1393	1394	مجری
4	شناسایی و پهنه بندی آب و رسوب تحت تاثیر فعالیت‌های نفتی در حوضه های آبریز خوزستان با رویکرد تهیه ی بانک اطلاعاتی (مطالعه موردی: تالاب شادگان)	سازمان آب و برق خوزستان	1393	1394	مجری



مجری	1399	1398	سازمان حفاظت محیط زیست	پهنه بندی و انگشت نگاری شیمیایی بیومارکرهای نفتی با تاکید بر کریجینگ درونی در سواحل ایرانی استان بوشهر - خلیج فارس	5
مجری	1399	1398	سازمان حفاظت محیط زیست	منشایابی بیومارکرهای نفتی در بخش ساحلی استان گیلان با تاکید بر مدیریت زائادات پلاستیکی دریایی و کاهش آلاینده های نفتی	6
مجری	1399	1398	سازمان حفاظت محیط زیست	منشایابی بیومارکرهای نفتی در بخش ساحلی استانهای مازندران و گلستان با تاکید بر مدیریت زائادات پلاستیکی دریایی و کاهش آلاینده های نفتی	7
مجری	1399	1398	سازمان حفاظت محیط زیست	پایش آلاینده های آلی در سواحل جنوبی دریای خزر با تاکید بر روش های نوین (استفاده از پلت ها و فرگمنت هادر رسوبات)	8
مجری	ادامه دارد	1399	سازمان آب و فاضلاب مشهد	ترکیبات دارویی و محصولات مراقبت های فردی و مختل کننده های غدد درون ریز در منابع تأمین آب شرب و فاضلاب شهر مشهد	9



1- مقالات چاپ شده در مجلات علمی - پژوهشی خارجی و داخلی مرتبط با حوزه فعالیت گروه:

- ❑ [Seasonal and spatial variations in atmospheric PM_{2.5}-bound PAHs in Karaj city, Iran: sources, distributions, and health risks](#)
R Azimi-Yancheshmeh, M Moeinaddini, S Feyznia, AR Riyahi-Bakhtiari, ...
Sustainable Cities and Society, ۱۰۳۰۲۰

- [A potential threat to the coral reef environments: Polybrominated diphenyl ethers and phthalate esters in the corals and their ambient environment \(Persian Gulf, Iran\)](#)
AR Jafarabadi, M Dashtbozorg, E Raudonytė-Svirbutavičienė, ...
Science of The Total Environment ۷۷۵, ۱۴۵۸۲۲

- ❑ [Polycyclic Aromatic Hydrocarbons \(PAHs\) in the non-bleached and bleached corals and their ambient environment: the role of suspended particulate matter, mucus, and positive ...](#)
AR Jafarabadi, E Raudonytė-Svirbutavičienė, AR Bakhtiari, A Kareiva
Science of The Total Environment, ۱۴۷۶۸۸

- ❑ [Ecotoxicological Linking of Phthalates and Flame-Retardant Combustion Byproducts with Coral Solar Bleaching](#)
A Ranjbar Jafarabadi, S Mashjoor, A Riyahi Bakhtiari, T Cappello
Environmental Science & Technology

- ❑ [Chlorinated paraffins \(SCCPs and MCCPs\) in corals and water-SPM-sediment system in the Persian Gulf, Iran: A potential global threat for coral reefs](#)
AR Jafarabadi, M Dashtbozorg, E Raudonytė-Svirbutavičienė, ...
Environmental Pollution ۲۷۵, ۱۱۶۵۳۱

- ❑ [A one-year monitoring of spatiotemporal variations of PM_{2.5}-bound PAHs in Tehran, Iran: Source apportionment, local and regional sources origins and source-specific cancer ...](#)
MS Ali-Taleshi, M Moeinaddini, AR Bakhtiari, S Feiznia, S Squizzato, ...
Environmental Pollution ۲۷۴, ۱۱۵۸۸۳



- ❑ [Bioaccumulation of zinc in edible tropical vegetables in Peninsular Malaysia and its human health risk assessment based on various ethnicities in Malaysia](#)
KW Wong, CK Yap, A Yaacob, R Nulit, H Omar, AZ Aris, M Sharifinia, ...
Environmental Science and Pollution Research, ۱-۱۶
- ❑ [Emerging POPs-type cocktail signatures in Pusa caspica in quantitative structure-activity relationship of Caspian Sea](#)
AR Jafarabadi, S Mashjoor, SM Dehkordi, AR Bakhtiari, T Cappello
Journal of Hazardous Materials ۴۰۶, ۱۲۴۳۳۴
- ❑ [Modeling Sediment Ni and V Spatial Distribution to Identify Hotspots in the Shadegan Wildlife Refuge at the Head of the Persian Gulf](#)
BH Chaharlang, AR Bakhtiari, J Mohammadi, P Farshchi
Bulletin of Environmental Contamination and Toxicology ۱۰۶ (۳), ۴۷۵-۴۸۴
- ❑ [Potential use of grapevine cv Askari for heavy metal phytoremediation purposes at greenhouse scale](#)
M Mirzaei, J Verrelst, AR Bakhtiari, S Marofi
Environmental Science and Pollution Research ۲۸ (۱۰), ۱۲۴۴۷-۱۲۴۵۸
- ❑ [Invasive Weed Asystasia gangetica as a Potential Biomonitor and a Phytoremediator of Potentially Toxic Metals: A Case Study in Peninsular Malaysia](#)
CK Yap, W Chew, KA Al-Mutairi, SA Al-Shami, R Nulit, MH Ibrahim, ...
International Journal of Environmental Research and Public Health ۱۸ (۹), ۴۶۸۲
- ❑ [Human Health Risk Assessments of Trace Metals on the Clam Corbicula javanica in a Tropical River in Peninsular Malaysia](#)
CK Yap, KW Wong, SA Al-Shami, R Nulit, WH Cheng, AZ Aris, ...
International Journal of Environmental Research and Public Health ۱۸ (۱), ۱۹۵
- ❑ [Positive matrix factorization receptor model and dynamics in fingerprinting of potentially toxic metals in coastal ecosystem sediments at a large scale \(Persian Gulf, Iran\)](#)
AR Jafarabadi, E Raudonytė-Svirbutavičienė, AS Toosi, AR Bakhtiari



Water Research ۱۸۸, ۱۱۶۵۰۹

- [Large-scale evaluation of deposition, bioavailability and ecological risks of the potentially toxic metals in the sediment cores of the hotspot coral reef ecosystems \(Persian ...](#)
AR Jafarabadi, S Mitra, E Raudonytė-Svirbutavičienė, AR Bakhtiari
Journal of Hazardous Materials ۴۰۰, ۱۲۲۹۸۸
- [Biomonitoring of perylene in symbiotic reef and non-reef building corals and species-specific responses in the Kharg and Larak coral reefs \(Persian Gulf, Iran\): Bioaccumulation ...](#)
AR Jafarabadi, M Dashtbozorg, E Raudonytė-Svirbutavičienė, ...
Environmental Pollution ۲۶۷, ۱۱۵۴۷۶
- [Dietary intake of polycyclic aromatic hydrocarbons \(PAHs\) from coral reef fish in the Persian Gulf—Human health risk assessment](#)
AR Jafarabadi, S Mashjoor, AR Bakhtiari, C Jadot
Food Chemistry ۳۲۹, ۱۲۷۰۳۵
- [Configurational analysis of relationships between land-cover characteristics and river water quality in a real scenario](#)
M Mirzaei, A Jafari, AR Bakhtiari, S Mohebbi, SJ Shoostari, ...
International Journal of Environmental Science and Technology, ۱-۱۶
- [Determination of the Concentration of Linear Alkylbenzene Compounds in Surface Sediments of River in the East of Mazandaran](#)
NA Komaki, A Riyahi Bakhtiari
Journal of Water and Wastewater; Ab va Fazilab (in persian) ۳۱ (۴), ۱۷۲-۱۸۳
- [Polycyclic aromatic hydrocarbon source fingerprints in the environmental samples of Anzali—South of Caspian Sea](#)
A Azimi, AR Bakhtiari, R Tauler
Environmental Science and Pollution Research ۲۷ (۲۶), ۳۲۷۱۹-۳۲۷۳۱



- ❑ [First report on polybrominated diphenyl ethers in the Iranian Coral Islands: Concentrations, profiles, source apportionment, and ecological risk assessment](#)
AR Jafarabadi, M Dashtbozorg, E Raudonytė-Svirbutavičienė, ...
Chemosphere ۲۵۱, ۱۲۶۳۹۷
- ❑ [Steroid Fingerprint Analysis of Endangered Caspian Seal \(*Pusa caspica*\) through the Gorgan Bay \(Caspian Sea\)](#)
A Ranjbar Jafarabadi, S Mashjoor, S Mohamadjafari Dehkordi, ...
Environmental Science & Technology ۵۴ (۱۲), ۷۳۳۹-۷۳۵۳
- ❑ [Identification of the highest potential human health and environmental hazard in contaminated sediment near the point sources in the northwest Persian Gulf](#)
M Cheraghi, A Riyahi Bakhtiari, M Memariani, J Mohammadi, S Bonduà
Human and Ecological Risk Assessment: An International Journal ۲۶ (۴), ۱۰۱۶-۱۰۴۱
- ❑ [Source identification of hydrocarbons in surface sediment of the Persian Gulf in Bushehr province using n-alkane biomarkers](#)
M Dashtbozorg, A Riyahi Bakhtiari, MR Shushizadeh, L Taghavi
Journal of Marine Biology ۱۱ (۴), ۰-۰
- ❑ [Health risks of essential Ni and Fe via consumption of water spinach *Ipomoea aquatica* collected from Peninsular Malaysia](#)
CK Yap, WH Cheng, KW Wong, A Yaacob, R Razalai, CS Leow, ...
Annals of Environmental Science and Toxicology ۴ (۱), ۰۰۱-۰۰۴
- ❑ [Heavy Metals in Rock Oyster *Saccostrea cucullata* Collected from Sungai Tapai and Pantai Lido, Peninsular Malaysia: An Insight from Health Risk Assessment](#)
CK Yap, WS Lo, WH Cheng, R Nulit, MH Ibrahim, S Hao, T Peng, CW Yap, ...
- ❑ [Nitrate levels in the surface waters collected in ۲۰۰۵ from intertidal and urban drainages of the west part of Peninsular Malaysia](#)
CK Yap, WH Cheng, BH Pang



Int J Hydro ۴ (۲), ۵۵-۶۰

- ❑ [Historical sedimentary deposition and ecotoxicological impact of aromatic biomarkers in sediment core from ten coral reefs of the Persian Gulf, Iran](#)
AR Jafarabadi, M Dashtbozorg, S Mitra, AR Bakhtiari, SM Dehkordi, ...
Science of The Total Environment ۶۹۶, ۱۳۳۹۶۹
- ❑ [Using GIS, geostatistics and Fuzzy logic to study spatial structure of sedimentary total PAHs and potential eco-risks; An Eastern Persian Gulf case study](#)
V Aghadadashi, S Molaei, A Mehdinia, J Mohammadi, M Moeinaddini, ...
Marine pollution bulletin ۱۴۹, ۱۱۰-۴۸۹
- ❑ [Source apportionment of petroleum hydrocarbons hopane and sterane in Anzali port area-south of Caspian Sea](#)
A Azimi, A Riyahi Bakhtiari, R Tauler
Journal of Environmental Studies ۴۵ (۳), ۵۶۷-۵۸۷
- ❑ [Mapping of heavy metal, zinc, copper and iron contamination in surface sediments of Shadegan wildlife refuge using different methods of interpolation and GIS](#)
B Heidari Chaharlang, A Riyahi Bakhtiari, J Jahangard Mohammadi, ...
Journal of Wetland Ecobiology ۱۱ (۳), ۸۵-۱۰۲
- ❑ [First polychlorinated biphenyls \(PCBs\) monitoring in seawater, surface sediments and marine fish communities of the Persian Gulf: Distribution, levels, congener profile and ...](#)
AR Jafarabadi, AR Bakhtiari, S Mitra, M Maisano, T Cappello, C Jadot
Environmental Pollution ۲۵۳, ۷۸-۸۸
- ❑ [Quantitative evaluation of n-alkanes, PAHs, and petroleum biomarker accumulation in beach-stranded tar balls and coastal surface sediments in the Bushehr Province, Persian Gulf ...](#)
M Dashtbozorg, AR Bakhtiari, MR Shushizadeh, L Taghavi
Marine pollution bulletin ۱۴۶, ۸۰۱-۸۱۵



- ❑ [Global DNA methylation changes in rock pigeon \(*Columba livia*\) as a sentinel species due to polycyclic aromatic hydrocarbons exposure in Tehran \(Iran\) as a megacity](#)
SP Toocheai, SM Ghasempouri, AR Bakhtiari, S Khodabandeh
Environmental Science and Pollution Research ۲۶ (۲۵), ۲۶۰۹۰-۲۶۱۰۱
- ❑ [The influence of human activity and morphological characteristics of beaches on plastic debris distribution along the Caspian Sea as a closed water body](#)
S Ghaffari, AR Bakhtiari, SM Ghasempouri, A Nasrolahi
Environmental Science and Pollution Research ۲۶ (۲۵), ۲۵۷۱۲-۲۵۷۲۴
- ❑ [Geochemical imprints of occurrence, vertical distribution and sources of aliphatic hydrocarbons, aliphatic ketones, hopanes and steranes in sediment cores from ten Iranian ...](#)
AR Jafarabadi, M Dashtbozorg, AR Bakhtiari, M Maisano, T Cappello
Marine pollution bulletin ۱۴۴, ۲۸۷-۲۹۸
- ❑ [Source, spatial distribution, and toxicity potential of Polycyclic Aromatic Hydrocarbons in sediments from Iran's environmentally hot zones, the Persian Gulf](#)
V Aghadadashi, A Mehdinia, AR Bakhtiari, J Mohammadi, M Moradi
Ecotoxicology and environmental safety ۱۷۳, ۵۱۴-۵۲۵
- ❑ [Distribution and source identification of lead in surface sediments of rivers Chaloos, Babolrood and Gorganrood in south of Caspian Sea](#)
A Azimi, A Riyahi Bakhtiari, M Parsayi
Journal of Environmental Science Studies ۴ (۱), ۱۰۲۱-۱۰۲۸
- ❑ [Effects of xenostrogen treatment \(\$\epsilon\$ -Nonylphenol, Bisphenol A\) on vitellogenin expression in juvenile *Cyprinus carpio*](#)
S Mortazavi, AR Riyahi Bakhtiari, A Esmaili Sari, F Rahbarizadeh, ...
Caspian Journal of Environmental Sciences ۱۷ (۱), ۴۳-۵۳
- ❑ [Using Rock Dove *Columba livia* as a Sentinel Species in Biomonitoring of Benzo \(a\) Pyrene](#)
SP Toocheai, SM Ghasempouri, AR Bakhtiari, S Khodabandeh



Journal homepage: www.wesca.net ١٤ (١)

- ❑ [Distribution and pollution level of nickel and vanadium in sediments from south part of the Caspian Sea Iran](#)
M Baniamam, AM Moradi, AR Bakhtiari, MR Fatemi, KE Khanghah
NISCAIR-CSIR, India

- ❑ [Spatial distribution and vertical profile of heavy metals in marine sediments around Iran's special economic energy zone; Arsenic as an enriched contaminant](#)
V Aghadadashi, MR Neyestani, A Mehdinia, AR Bakhtiari, S Molaei, ...
Marine pollution bulletin ١٣٨, ٤٣٧-٤٥٠

- ❑ [Distributions and compositional patterns of polycyclic aromatic hydrocarbons \(PAHs\) and their derivatives in three edible fishes from Kharg coral Island, Persian Gulf, Iran](#)
AR Jafarabadi, AR Bakhtiari, Z Yaghoobi, CK Yap, M Maisano, ...
Chemosphere ٢١٥, ٨٣٥-٨٤٥

- ❑ [First report of geochemical fractionation distribution, bioavailability and risk assessment of potentially toxic inorganic elements in sediments of coral reef Islands of the ...](#)
AR Jafarabadi, AR Bakhtiari, N Spanò, T Cappello
Marine pollution bulletin ١٣٧, ١٨٥-١٩٧

- ❑ [Chemometrics analysis of petroleum hydrocarbons sources in the street dust, runoff and sediment of urban rivers in Anzali port-South of Caspian Sea](#)
A Azimi, AR Bakhtiari, R Tauler
Environmental Pollution ٢٤٣, ٣٧٤-٣٨٢

- ❑ [Spatio-temporal variability, distribution and sources of n-alkanes and polycyclic aromatic hydrocarbons in reef surface sediments of Kharg and Lark coral reefs, Persian Gulf, Iran](#)
AR Jafarabadi, AR Bakhtiari, L Hedouin, AS Toosi, T Cappello
Ecotoxicology and environmental safety ١٦٣, ٣٠٧-٣٢٢



- ❑ [First record of bioaccumulation and bioconcentration of metals in Scleractinian corals and their algal symbionts from Kharg and Lark coral reefs \(Persian Gulf, Iran\)](#)
AR Jafarabadi, AR Bakhtiari, M Maisano, P Pereira, T Cappello
Science of The Total Environment ٦٤٠, ١٥٠٠-١٥١١
- ❑ [Investigating the Trend of Increasing Oil Pollution in Surface Sediments along the Coastal Area of Mazandaran Province](#)
AR Rabbani, SR Hosseini Bizaki, A Riyahi Bakhtiyari, M Cheraghi
Amirkabir Journal of Civil Engineering ٥٢ (٢), ١١-١١
- ❑ [Distribution of linear alkylbenzenes as a domestic sewage molecular marker in surface sediments of International Anzali Wetland in the southwest of the Caspian Sea, Iran](#)
AR Bakhtiari, I Javedankherad, J Mohammadi, R Taghizadeh
Environmental Science and Pollution Research ٢٥ (٢١), ٢٠٩٢٠-٢٠٩٢٩
- ❑ [First report of bioaccumulation and bioconcentration of aliphatic hydrocarbons \(AHs\) and persistent organic pollutants \(PAHs, PCBs and PCNs\) and their effects on alcyonacea and ...](#)
AR Jafarabadi, AR Bakhtiari, M Aliabadian, H Laetitia, AS Toosi, CK Yap
Science of The Total Environment ٦٢٧, ١٤١-١٥٧
- ❑ [Investigating the Impact of Hamedan Landfill on Groundwater and Soil](#)
K Kakaei, A Riyahi Bakhtiari
JWSS-Isfahan University of Technology ٢٢ (١), ٨٧-٩٧
- ❑ [Spatial Distribution of Polycyclic Aromatic Hydrocarbons \(PAHs\) and n-alkanes based on Concentration and Source in Surface Sediments from Shadegan Wetland, Khuzestan Province.](#)
A Bemanikharanagh, A Riyahi Bakhtiari, J Mohammadi, ...
Journal of Marine Science and Technology ١٧ (١), ٨٣-٩٦
- ❑ [Identification Distribution Pattern and Origin of Petroleum Hydrocarbons in Core Sediment of Southwest Coast of the Caspian Sea \(Kiashahr\)](#)
G Shirneshan, A Bakhtiari, M Memariani



Journal of Environmental Studies ۴۳ (۴), ۷۴۳-۷۵۵

- [Assessment of health risks of the toxic Cd and Pb between leafy and fruit vegetables collected from selected farming areas of Peninsular Malaysia](#)

A Yaacob, CK Yap, R Nulit, H Omar, SA Al-Shami, AR Bakhtiari

Integr Food Nutr Metab ۵ (۳), ۱-۹

- [Multivariate curve resolution of organic pollution patterns in mangrove forest sediment from Qeshm Island and Khamir Port—Persian Gulf, Iran](#)

M Dadashi, S Ghaffari, AR Bakhtiari, R Tauler

Environmental Science and Pollution Research ۲۵ (۱), ۷۲۳-۷۳۵

- [Characterization and ecological risk of polycyclic aromatic hydrocarbons \(PAHs\) and n-alkanes in sediments of Shadegan international wetland, the Persian Gulf](#)

A Bemanikharanagh, AR Bakhtiari, J Mohammadi, ...

Marine pollution bulletin ۱۲۴ (۱), ۱۵۵-۱۷۰

- [Oil contamination in surface sediment of Anzali Wetland in Iran is primarily even carbon number n-alkanes](#)

R Azimi-Yancheshmeh, A Riyahi-Bakhtiari, M Savabieasfahani

Environmental monitoring and assessment ۱۸۹ (۱۱), ۱-۱۳

- [Comprehensive and comparative ecotoxicological and human risk assessment of polycyclic aromatic hydrocarbons \(PAHs\) in reef surface sediments and coastal seawaters of Iranian ...](#)

AR Jafarabadi, AR Bakhtiari, AS Toosi

Ecotoxicology and environmental safety ۱۴۵, ۶۴۰-۶۵۲

- [Geochemical fractionation and pollution assessment of Zn, Cu, and Fe in surface sediments from Shadegan Wildlife Refuge, southwest of Iran](#)

BH Chaharlang, AR Bakhtiari, J Mohammadi, P Farshchi

Environmental Science and Pollution Research ۲۴ (۲۶), ۲۱۳۳۴-۲۱۳۵۰



- ❑ [Integrated Use of n-Alkanes and PAH to Evaluate the Anthropogenic Hydrocarbon Sources and the Toxicity Assessment of Surface Sediments from the Southwestern Coasts of the ...](#)
G Shirneshan, A Riyahi Bakhtiyari, M Meamariani
Journal of Water and Wastewater; Ab va Fazilab (in persian) ۲۸ (۳), ۷۴-۸۶
- ❑ [Toluene removal from waste air stream using MgO/GAC and MnO/GAC catalysts in catalytic ozonation process](#)
F Rezaei, G Moussavi, A Riyahi Bakhtiyari, Y Yamini
Modares Civil Engineering journal ۱۷ (۲), ۱۳۱-۱۴۲
- ❑ [Sediment contribution from different geologic formations and land uses in an Iranian small watershed, case study](#)
SH Sadeghi, S Najafi, AR Bakhtiyari
International journal of sediment research ۳۲ (۲), ۲۱۰-۲۲۰
- ❑ [Relationships of Zn Between Centella Asiatica and Geochemical Fractions of the Habitat Topsoils: Implications of Biomonitoring of Zn](#)
CK Yap, H Omar, R Nulit, GH Ong, AR Bakhtiyari, A Karami, SA Al-Shami
Open Biological Sciences Journal ۳ (۱)
- ❑ [Spatial distribution and composition of aliphatic hydrocarbons, polycyclic aromatic hydrocarbons and hopanes in superficial sediments of the coral reefs of the Persian Gulf, Iran](#)
AR Jafarabadi, AR Bakhtiyari, M Aliabadian, AS Toosi
Environmental Pollution ۲۲۴, ۱۹۵-۲۲۳
- ❑ [Seasonal variation of polycyclic aromatic hydrocarbons in the surface sediments of the southern Caspian Sea](#)
M Baniemam, AM Moradi, AR Bakhtiyari, MR Fatemi, KE Khanghah
Marine pollution bulletin ۱۱۷ (۱-۲), ۴۷۸-۴۸۵
- ❑ [Investigating Abundance, Distribution and Accumulation of Plastic Resin Pellets and Fragments in the Caspian Sea: A Case Study of Noor Shores](#)



- M Masoudnik, A Riyahi Bakhtiari, M Abdollahi
Journal of Oceanography ۸ (۲۹), ۴۳-۵۳
- ❑ [Evaluation of Ni, Pb and V concentrations in egg contents and Eggshell of Sterna bengalensis and Dromas ardeola in Khoumousa Islands, Persian Gulf](#)
N Khademi, A Riyahi-Bakhtiari, S Sobhanardakani
Journal of Environmental Science and Technology ۱۹ (۴), ۵۹۳-۶۰۶
- ❑ [Toxicity and Origins of PAHs in Sediments of Shadegan Wetland, in Khuzestan Province, Iran](#)
A Bemanikharanagh, A Riahi Bakhtiari, J Mohammadi, ...
Journal of Mazandaran University of Medical Sciences ۲۶ (۱۴۵), ۳۰۴-۳۱۷
- ❑ [Identifying the source of petroleum pollution in sediment cores of southwest of the Caspian Sea using chemical fingerprinting of aliphatic and alicyclic hydrocarbons](#)
G Shirneshan, AR Bakhtiari, M Memariani
Marine pollution bulletin ۱۱۵ (۱-۲), ۳۸۳-۳۹۰
- ❑ [COMPARISON BETWEEN THE EFFICIENCY OF PLAIN GAC AND SUPPORTED GAC WITH MANGANESE OXIDE FOR TOLUENE ADSORPTION FROM WASTE AIR STREAM](#)
F REZAEI, G MOUSSAVI, BA RIYAH, Y YAMINI
JOURNAL OF SABZEVAR UNIVERSITY OF MEDICAL SCIENCES ۲۳ (۶), ۸۳۶-۸۴۷
- ❑ [Impacts of Marine Pollution and Toxicology: A Mussel Watch Experience in Peninsular Malaysia](#)
CK Yap, AR Bakhtiari, WH Cheng
J Aquat Pollut Toxicol ۱ (۱)
- ❑ [Geochemical partitioning and pollution assessment of Ni and V as indicator of oil pollution in surface sediments from Shadegan wildlife refuge, Iran](#)
BH Chaharlang, AR Bakhtiari, J Mohammadi, P Farshchi
Marine pollution bulletin ۱۱۱ (۱-۲), ۲۴۷-۲۵۹



- ❑ [Identification of sources of tar balls deposited along the Southwest Caspian Coast, Iran using fingerprinting techniques](#)
G Shirneshan, AR Bakhtiari, M Memariani
Science of the Total Environment ۵۶۸, ۹۷۹-۹۸۹

- ❑ [Distribution and origins of n-alkanes, hopanes, and steranes in rivers and marine sediments from Southwest Caspian coast, Iran: implications for identifying petroleum ...](#)
G Shirneshan, AR Bakhtiari, M Memariani
Environmental Science and Pollution Research ۲۳ (۱۷), ۱۷۴۸۴-۱۷۴۹۵

- ❑ [Investigation Status of Solid Waste landfill by Method of Rapid Impacts Assessment Matrix in Environmental Impact \(RIAM\) in Hamadan](#)
K Kakaei, AR Riyahi Bakhtiari
Journal of Research in Environmental Health ۲ (۲), ۱۷۳-۱۸۲

- ❑ [Assessment of Alternative Building Materials in the Exterior Walls for Reduction of Operational Energy and CO₂ Emissions \(Case study: A typical residential building in Tehran\)](#)
R Urbano Gutiérrez, L Farahzadi, A Riyahi Bakhtiari, H Azemati, ...
International Journal of Engineering and Advanced Technology (IJEAT) ۵ (۵ ...

- ❑ [تعیین غلظت و منشأ ترکیبات آلکان های نرمال در تخم چهارگونه پرستوی دریایی جزیره شیدور-خلیج فارس](#)
زیبا سالاری جو, علیرضا ریاحی بختیاری, سید محمود قاسمپوری
علوم محیطی

- ❑ [Biomonitoring of n-alkanes in the eggs of four tern species residue in Banifaror Island, Persian Gulf](#)
Z Salarijoo, A Riyahi Bakhtiari, SM Ghasempuri
Journal of Oceanography ۷ (۲۵), ۴۱-۴۸

- ❑ [Toluene removal from waste air stream by the catalytic ozonation process with MgO/GAC composite as catalyst](#)
F Rezaei, G Moussavi, AR Bakhtiari, Y Yamini



Journal of hazardous materials ۳۰۶, ۳۴۸-۳۵۸

- ❑ [Risk Assessment of Ground Waters Pollution by Heavy Metals of Hamadan Landfill Leachate and appropriate cover Recommendation](#)

K Kakaei, A Riyahi Bakhtiari

Iranian Journal of Research in Environmental Health ۲ (۳), ۲۲۱-۲۲۷

- ❑ [Modeling relationships between surface water quality and landscape metrics using the Adaptive Neuro-fuzzy Inference System, a case study in Mazandaran Province.](#)

M Mirzayi, AR Bakhtiyari, AS Mahini, MG Fard

Journal of Water and Wastewater/Ab va Fazilab ۲۷ (۱)

- ❑ [Source identification of Polycyclic Aromatic Hydrocarbons \(PAHs\) in sediments from the rivers and coasts of the southwest Caspian Sea \(Guilan province\) using PCA.](#)

MN Varnosfaderany, AR Bakhtiari

Journal of Natural Environment ۶۹ (۱), ۲۴۷-۲۶۸

- ❑ [Biomonitoring of Pb, Fe and Zn using corals as bioindicator species, Qeshm Island, the Persian Gulf](#)

Z Darvishnia, AR Bakhtiari, E Kamrani, MM Sajjadi, M Fakharzadeh

NISCAIR-CSIR, India

- ❑ [Integrated river quality management by CCME WQI as an effective tool to characterize surface water source pollution \(Case study: Karun River, Iran\)](#)

JA RANJBAR, M Masoodi, M Sharifiniya, BA RIYAH

Pollution ۲ (۳), ۳۱۳-۳۳۰

- ❑ [Bioaccumulation of Fe, Zn and Pb in Faviidae and Poritidae corals from Qeshm Island, Persian Gulf, Iran](#)

Z Darvishnia, AR Bakhtiari, E Kamrani, MM Sajjadi

NISCAIR-CSIR, India



- ❑ [Toluene adsorption from waste air stream using activated carbon impregnated with manganese and magnesium metal oxides](#)
F Rezaei, G Moussavi, BAR RIYAH, Y Yamini
Iranian Journal of Health and Environment ۸ (۴), ۴۹۱-۵۰۸

- ❑ [Nickel and cadmium concentrations in the coral family, Faviidae and surrounding sediments in the south of Qeshm Island, The Persian Gulf](#)
A Riahi Bakhtiari, Z Darvishnia, E Kamrani, M Sajjadi
Journal of Marine Biology ۷ (۳), ۱-۱۰

- ❑ [Study on Some Heavy Metals \(Pb, Cd and V\) Concentrations in Surface Sediment and the Shell of Oyster \(Saccostrea cucullata\) in the Lengeh Port, Persian Gulf](#)
B Haidari Chaharlang, A Riyahi Bakhtiari, V Yavari, A Kazemi
Journal of Oceanography ۶ (۲۳), ۶۷-۷۶

- ❑ [Polycyclic Aromatic Hydrocarbons in Surface Sediments from the Southern Shores of the Caspian Sea, Anzali City: Toxicity Assessment and Source Identification](#)
R Azimi, A Riyahi Bakhtiari, S Mortazavi
Journal of Water and Wastewater; Ab va Fazilab (in persian) ۲۶ (۴), ۴۱-۵۰

- ❑ [Concentrations of trace elements in the kidney, liver, muscle, and skin of short sea snake \(Lapemis curtus\) from the Strait of Hormuz Persian Gulf](#)
ZH Sereshk, AR Bakhtiari
Environmental Science and Pollution Research ۲۲ (۲۰), ۱۵۷۸۱-۱۵۷۸۷

- ❑ [Source identification of perylene in surface sediments and waterbird eggs in the Anzali Wetland, Iran](#)
M Zamani, N Khorasani, AR Bakhtiari, K Rezaei
Environmental Pollution ۲۰۵, ۲۳-۳۲

- ❑ [Designing a Model for Promoting the Place of Private Sector in Iranian Written Media](#)
T Roshandel Arbatani, A Bakhtiari



Global Media Journal-Persian Edition ۱۰ (۲)

- ❑ [Using Eggs of Two Species, Ardea cinerea and Chlidonia shybrid, as Biomonitors for PAH Compounds in Anzali Wetland](#)

M Zamani, N Khorasani, AR Riyahi Bakhtiyari, K Rezaee

Iranian Journal of Applied Ecology ۴ (۱۲), ۴۱-۵۳

- ❑ [Evaluation of copper, zinc, and chromium concentration in landfill soil and hospital waste ash of Shahrekord municipal solid waste landfill](#)

M Hatami Manesh, M Mirzaei, M Gholamali Fard, AR Riyahi Bakhtiyari, ...

Iranian Journal of Health and Environment ۸ (۱), ۵۷-۶۶

- ❑ [Pyrene's bioaccumulation in muscle, gill and liver tissues of common carp \(Cyprinus carpio\): in vitro study](#)

SR Olyaei, AR Riahi Bakhtiari, I Sharifpour

Iranian journal of health and environment ۸ (۲), ۱۹۱-۲۰۲

- ❑ [Bioaccumulation of heavy metals \(Pb, Fe & Zn\) in the tissues of skeletal coral family, faviidae and surrounding sediments in the south of Qeshm Island-the Persian Gulf](#)

Z Darvishnia, A Riahi Bakhtiari, E Kamrani, MM Sadjjadi

Journal of Aquatic Ecology ۵ (۱), ۸۷-۷۷

- ❑ [Distribution and characteristic of PAHs in sediments from the southwest Caspian Sea, Guilan Province, Iran](#)

MN Varnosfaderany, AR Bakhtiari, Z Gu, G Chu

Water Science and Technology ۷۱ (۱۱), ۱۵۸۷-۱۵۹۶

- ❑ [Mercury levels in avian feathers from different trophic levels of eight families collected from the northern region of Iran](#)

A Mashroofeh, AR Bakhtiari, A Ghobeishavi, M Ahmadpour, A Asadi, ...

Environmental monitoring and assessment ۱۸۷ (۵), ۱-۹



- ❑ [Developing a bioindicator in the Northwestern Persian Gulf, Iran: trace elements in bird eggs and in coastal sediments](#)
N Khademi, A Riyahi-Bakhtiari, S Sobhanardakani, ...
Archives of environmental contamination and toxicology ٦٨ (٢), ٢٧٤-٢٨٢
- ❑ [Distribution and composition pattern of polycyclic aromatic hydrocarbons in different tissues of sturgeons collected from Iranian coastline of the Caspian Sea](#)
A Mashroofeh, AR Bakhtiari, M Pourkazemi
Chemosphere ١٢٠, ٥٧٥-٥٨٣
- ❑ [The Origin Determination and Identification of Perylene Entry Source and Other Polycyclic Aromatic Hydrocarbons \(PAHs\) in Surface Sediments of Anzali Wetland](#)
M Zamani, N Khorasani, AR Riahi Bakhtiari, K Rezaei
Iranian Journal of Health and Environment ٧ (٤), ٤٣٧-٤٥٤
- ❑ [Soil contamination by arsenic in urban areas: a case study of Arak City.](#)
E Solgi, A Esmaili-Sari, AR Bakhtiari, M Hadipour
Iranian Journal of Health and Environment ٨ (١)
- ❑ [Spatial distribution of mercury in the surface soils of the urban areas, Arak, Iran](#)
E Solgi, A Esmaili-Sari, A Riyahi-Bakhtiari
Bulletin of environmental contamination and toxicology ٩٣ (٦), ٧١٠-٧١٥
- ❑ [Distribution patterns of PAHs in different tissues of annulated sea snake \(Hydrophis cyanocinctus\) and short sea snake \(Lapemis curtus\) from the Hara Protected Area on the ...](#)
ZH Sereshk, AR Bakhtiari
Ecotoxicology and environmental safety ١٠٩, ١١٦-١٢٣
- ❑ [Sources and Health Risk of Organic Compounds in Respirable Particles in Tehran, Iran](#)
M Moeinaddini, AE Sari, AR Bakhtiari, AYC Chan, SM Taghavi, D Connell, ...
Polycyclic Aromatic Compounds ٣٤ (٥), ٤٦٩-٤٩٢



- ❑ [Vertical distribution and source identification of polycyclic aromatic hydrocarbons \(PAHs\) in southwes of the Caspian Sea: Most petrogenic events during the late Little Ice Age](#)
MN Varnosfaderany, AR Bakhtiari, Z Gu, G Chu
Marine pollution bulletin ۸۷ (۱-۲), ۱۵۲-۱۶۳
- ❑ [Ascribing soil erosion types for sediment yield using composite fingerprinting technique](#)
SH Sadeghi, S Najafi, A Riyahi Bakhtiari, P Abdi
Hydrological Sciences Journal ۵۹ (۹), ۱۷۵۳-۱۷۶۲
- ❑ [Sediment PAH: contrasting levels in the Caspian Sea and Anzali Wetland](#)
RA Yancheshmeh, AR Bakhtiari, S Mortazavi, M Savabieasfahani
Marine pollution bulletin ۸۴ (۱-۲), ۳۹۱-۴۰۰
- ❑ [Spatial relations of mercury contents in Pike \(Esox lucius\) and sediments concentration of the Anzali wetland, along the southern shores of the Caspian Sea, Iran](#)
R Zamani-Ahmadmahmoodi, AR Bakhtiari, JAR Martín
Marine pollution bulletin ۸۴ (۱-۲), ۹۷-۱۰۳
- ❑ [Source Identification of Hydrocarbons in Surface Sediments of Mangrove Forests of Khamir Port](#)
Z Ebrahimi Sirizi, A Riyahi Bakhtiyari
Journal of Oceanography ۵ (۱۸), ۸۷-۹۷
- ❑ [The Concentration and Spatial Distribution of Mercury, Lead, and Cadmium in Surface Sediments of Mangrove Forests Using Geostatistics in GIS Environment](#)
M Taheri, A Riahi Bakhtiari, B Naimi, M Gholamalifard
Journal of Environmental Studies ۴۰ (۲), ۲۹۷-۳۱۰
- ❑ [Source apportionment of PAHs and n-alkanes in respirable particles in Tehran, Iran by wind sector and vertical profile](#)
M Moeinaddini, AE Sari, AYC Chan, SM Taghavi, D Hawker, D Connell
Environmental science and pollution research ۲۱ (۱۲), ۷۷۵۷-۷۷۷۲



- ❑ [Determination of Concentration and Source of n-alkanes in Surface Sediments from Southern Coast of the Caspian Sea \(Anzali Port\)](#)
R Azimi Yancheshmeh, AR Riyahi Bakhtiari, S Mortazavi
Journal of Oceanography ۵ (۱۷), ۶۳-۷۳
- ❑ [Application of rapid impacts assessment matrix and Iranian matrix in environmental impact assessment of municipal solid waste landfill of Shahrekord.](#)
M Gholamalifard, M Mirzaei, M Hatamimanesh, A Riyahi Bakhtiari, ...
Journal of Shahrekord University of Medical Sciences ۱۶ (۱)
- ❑ [Petroleum pollution risk assessment in sediment of Hara protected zone with determination of polycyclic aromatic hydrocarbons](#)
Z Ebrahimi-Seirizi, A Riyahi-Bakhtiari, S Ghaffari
Journal of Mazandaran University of Medical Sciences ۲۳ (۲), ۱۸۶-۱۹۴
- ❑ [Perylene as an indicator of land-based plant biomarkers in the southwest Caspian Sea](#)
MN Varnosfaderany, AR Bakhtiari, Z Gu, G Chu
Marine pollution bulletin ۸۰ (۱-۲), ۱۲۴-۱۳۱
- ❑ [Determination of cadmium and lead concentration in cosmetics \(sunscreen, lipstick and hair color\)](#)
M Mohammadi, A Riyahi Bakhtiari, S Khodabandeh
Iranian Journal of Health and Environment ۶ (۴), ۴۸۱-۴۹۰
- ❑ [Assessment trace elements concentrations in tissues in Caspian Pond Turtle \(Mauremys caspica\) from Golestan province, Iran](#)
R Yadollahvand, HG Kami, A Mashroofeh, AR Bakhtiari
Ecotoxicology and environmental safety ۱۰۱, ۱۹۱-۱۹۵
- ❑ [Strong correlations between metal in mollusk soft tissue and nonresistant sediment fraction: a tool for biomonitoring intertidal zone of the Persian Gulf, Iran](#)
Z Bagheri, AR Bakhtiari, M Savabieasfahani



- Environmental monitoring and assessment ۱۸۶ (۳), ۱۹۷۷-۱۹۸۶
- ❑ [Land cover changes modeling of Tabriz township using artificial neural network and markov chain](#)
M Taheri, M Gholamalifard, A Riahi Bakhtiari, S Rahimoghli
Physical Geography Research Quarterly ۴۵ (۴), ۹۷-۱۲۱
 - ❑ [Analysis of the physical and chemical quality of Mazandaran province \(Iran\) rivers using multivariate statistical methods](#)
M Mirzayi, A Riyahi Bakhtiyari, A Salman Mahini
Journal of Mazandaran University of Medical Sciences ۲۳ (۱۰۸), ۴۱-۵۲
 - ❑ [Assessment of Toxic metals concentration using pearl oyster, Pinctada radiata, as bioindicator on the coast of Persian Gulf, Iran](#)
A Mohammad Karami, A Riyahi Bakhtiari, A Kazemi, K Kheirabadi
Iranian Journal of Toxicology ۷ (۲۳), ۹۵۶-۹۶۱
 - ❑ [Levels of Vanadium in Tern Eggs and Sediments of Shidvar and Bani Farour Islands, Persian Gulf](#)
FG Avazpour, AR Bakhtiari, MM Sajjadi
Journal homepage: www. wesca. net ۹ (۱)
 - ❑ [Comparative assessment of metal \(Zn, Cu, Pb, Cd and Hg\) concentrations in soft tissue and shell of Barbatia helblingii \(family: Arcidae\) from Qeshm Island \(Persian ...](#)
Z Ansari, M Rahimi, AR Bakhtiari, MH Ebrahimi
NISCAIR-CSIR, India
 - ❑ [Ecological risk assessment of polycyclic aromatic compounds in the surface sediments of Anzali Wetland in ۲۰۱۰.](#)
RA Yancheshmeh, ARR Bakhtiari, S Mortazavi
Iranian Journal of Health and Environment ۷ (۲), ۱۵۷-۱۷۰
 - ❑ [A survey of mercury concentrations in soft tissue of bivalves Callista umbonella, Saccostrea cucullata and sediment in the coastline of Bandar Abbas.](#)



Z Bagheri, AR Bakhtiari

Iranian Journal of Health and Environment ۷ (۱)

- [Bioaccumulation of cd, Pb and Zn in the oyster Saccostrea cucullata and surface sediments of Hendourabi Island-Persian Gulf](#)

S Salahshur, Z Yousefi, A Bakhtiari

Iran J Mar Biol Oceanogr ۳ (۲), ۲

- [Investigating the land cover changes in Mazandaran province using landscape ecology's metrics between ۱۹۸۴-۲۰۱۰](#)

M Mirzayi, A Riyahi Bakhtiyari, A Salman Mahini, M Gholamalifard

Iranian journal of applied ecology ۲ (۴), ۳۷-۵۵

- [Concentrations of Cd, Ni, V and Zn in muscle and caviar of Persian Sturgeon \(Acipenser persicus\) with emphasis on risk assessment due to consumption of muscle](#)

A Mashroofeh, A Riyahi Bakhtiari, M Pourkazemi

Iranian Journal of Health and Environment ۶ (۳), ۴۰۷-۴۱۶

- [Concentrations of Cd, Cu, Pb and Zn in soft tissue of oyster \(Saccostrea cucullata\) collected from the Lengeh Port coast, Persian Gulf, Iran: a comparison with the permissible ...](#)

B Heidari, AR Bakhtiari, G Shirneshan

Food chemistry ۱۴۱ (۳), ۳۰۱۴-۳۰۱۹

- [Mapping heavy metal pollution in Tehran air using Morus alba tree leaves](#)

M Mollashahi, H Alimohammadian, DM Hosseini, V Feizi, ...

Journal of Geography and Environmental Hazards ۲ (۳)

- [Spatial distribution of cadmium and lead in the sediments of the western Anzali wetlands on the coast of the Caspian Sea \(Iran\)](#)

R Zamani-Ahmadmahmoodi, A Esmaili-Sari, J Mohammadi, AR Bakhtiari, ...

Marine pollution bulletin ۷۴ (۱), ۴۶۴-۴۷۰



- ❑ [Use of PAHs and n-alkanes biomarkers for source identification of organic matters of Qeshm mangrove forests](#)
S Ghaffari, A Riyahi Bakhtiari, Z Ebrahimi Sirizi
Journal of Environmental Studies ۳۹ (۲), ۱۰۱-۱۱۲

- ❑ [Environmental geochemistry of Cu, Zn and Pb in sediment from Qeshm Island-Persian Gulf, Iran: a comparison between the northern and southern coast and ecological risk](#)
G Shirneshan, AR Bakhtiari, SJ Seyfabadi, S Mortazavi
Geochemistry International ۵۱ (۸), ۶۷۰

- ❑ [Concentration and Source Identification of Pb and Cd in the Surface Sediments of Bandar-Abbas Coast: Using Sequential Extraction Technique](#)
Z Bagheri, A Riyahi Bakhtiari, H Bagheri
Journal of Oceanography ۴ (۱۴), ۲۷-۳۳

- ❑ [Integrated use of n-alkanes and polycyclic aromatic hydrocarbons in the source identification petroleum hydrocarbons at ۰, ۱۰ and ۳۰ m depths in Noshahr and Amir Abad Ports ...](#)
R Freydoni, Z Farhadi, A Riahi Bakhtiari, H Nasrollahzadeh Saravi
Journal of Mazandaran University of Medical Sciences ۲۳ (۱۰۱), ۵۶-۶۵

- ❑ [Distribution of Pb in Sediment and Shell of Rocky Oysters \(Saccostrea cucullata\) of Lengeh Port, Qeshm and Hormoz Islands in Persian Gulf, Iran](#)
A Kazemi, A Riyahi Bakhtiari, N Kheirabadi, A Mohammad Karimi
ECOPERSIA ۱ (۲), ۱۹۱-۱۹۸

- ❑ [Feeding Habits of the Annulated Sea Snake, Hydrophis cyanocinctus, in the Persian Gulf](#)
M Rezaie-Atagholipour, A Riyahi-Bakhtiari, M Sajjadi
Journal of Herpetology ۴۷ (۲), ۳۲۸-۳۳۰

- ❑ [Bioavailability and variability of Cd, Pb, Zn, and Cu pollution in soft tissues and shell of Saccostrea cucullata collected from the coast of Qeshm Island, Persian Gulf, Iran](#)
A Kazemi, A Riyahi Bakhtiari, A Mohammad Karami, B Haidari, ...



- Iranian journal of toxicology ۷ (۲۱), ۸۳۶-۸۴۱
- ❑ [Petroleum pollution in mangrove forests sediments from Qeshm Island and Khamir Port—Persian Gulf, Iran](#)
Z Ebrahimi-Sirizi, A Riyahi-Bakhtiyari
Environmental monitoring and assessment ۱۸۵ (۵), ۴۰۱۹-۴۰۳۲
 - ❑ [Occurrence of endocrine disruption chemicals \(bisphenol a, ۴-nonylphenol, and octylphenol\) in muscle and liver of, Cyprinus carpio common, from Anzali Wetland, Iran](#)
S Mortazavi, AR Bakhtiari, AE Sari, N Bahramifar, F Rahbarizadeh
Bulletin of environmental contamination and toxicology ۹۰ (۵), ۵۷۸-۵۸۴
 - ❑ [Bioaccumulation of Cd, Cu, Pb, and Zn in Oyster \(Saccostrea cucullata\) from Qeshm Island Coast in Persian Gulf: Implications of Provisional Maximum Tolerable ...](#)
G Shirneshan, A Riyahi Bakhtiari, J Seyfabadi, S Mortazavi
Environmental Forensics ۱۴ (۲), ۱۶۳-۱۶۸
 - ❑ [Spatial analysis of Cd and Pb in the pike \(Esox lucius\) from western Anzali wetlands of Iran](#)
R Zamani-Ahmadmahmoodi, A Esmaili-Sari, J Mohammadi, AR Bakhtiari, ...
Bulletin of environmental contamination and toxicology ۹۰ (۴), ۴۶۰-۴۶۴
 - ❑ [Source identification and distribution of Lead, copper, zinc, nickel, chromium and vanadium in surface sediments of Caspian Sea](#)
SJ Hashemi, A Riahi Bakhtiari, R Lak
Journal of Mazandaran University of Medical Sciences ۲۲ (۱), ۳۶-۵۰
 - ❑ [Source Identification and Distribution of Lead, Copper, Zinc, Nickel, Chromium and Vanadium in Surface Sediments of Caspian Sea.](#)
S Javad Hashemi, A Riahi Bakhtiari, R Lak
Journal of Mazandaran University of Medical Sciences (JMUMS)
 - ❑ [LEAD AND CADMIUM CONCENTRATION IN HUMAN MALIGNANT BREAST TISSUES](#)



- S Khodabandeh, M Mohammadi, AR Bakhtiari, B Ilkhanizadeh, ...
BREAST ۲۲, S۲۸-S۲۹
- ❑ [Biomonitoring of Ni and V Contamination Using Oysters \(Saccostrea cucullata\) at Lengeh Port, Persian Gulf, Iran](#)
B Haidari, AR Bakhtiari, V Yavari, A Kazemi, G Shirneshan
CLEAN–Soil, Air, Water ۴۱ (۲), ۱۶۶-۱۷۳
- ❑ [Evaluation of cadmium, vanadium, nickel and zink concentrations in different tissues of beluga and stellate sturgeon and risk assessment regarding consuming their muscle tissue ...](#)
A Mashroofeh, A Alireza Riyahi Bakhtiari, M Pourkazemi
Journal of Mazandaran University of Medical Sciences ۲۲ (۹۶), ۸۹-۹۶
- ❑ [Feasibility of Applying Regression Modeling to Estimate the Weight of Soft Tissue of Bivalves Using Shell Dimensions](#)
Z Bagheri, A Riyahi Bakhtiari, H Bagheri
Journal of Oceanography ۳ (۱۲), ۵۵-۶۲
- ❑ [SURVEY OF HEAVY METAL ACCUMULATION IN THE ROCKY OYSTER \(SACCOSTREA CUCULLATA\) ON THE SOUTHERN INTERTIDAL COAST OF QESHM ISLAND, PERSIAN GULF](#)
A KAZEMI, BAR RIYAH, N KHEIRABADI, AM KARAMI, B HAIDARI
NEW TECHNOLOGIES IN AQUACULTURE DEVELOPMENT (JOURNAL OF FISHERIES) ۷ (۳۲۷), ۱-۶
- ❑ [Evaluation of mercury contamination in soils of industrial estates of Arak city](#)
E Solgi, A Esmaili-Sari, AR Bakhtiari
- ❑ [Significant correlation of Cd, Cu, Pb and Zn in sediments and oysters \(Saccostrea cucullata\) collected from Qeshm Island, Persian Gulf, Iran](#)
G Shirneshan, A Riyahi Bakhtiari, SJ Seyfabadi, S Mortazavi
Chemical Speciation & Bioavailability ۲۵ (۴), ۲۹۱-۳۰۲



- ❑ [Bioaccumulation of Cd, Pb and Zn in the edible and inedible tissues of three sturgeon species in the Iranian coastline of the Caspian Sea](#)
A Mashroofeh, AR Bakhtiari, M Pourkazemi, S Rasouli
Chemosphere ۹۰ (۲), ۵۷۳-۵۸۰
- ❑ [Bioaccumulation of Zn, Cu and Mn in the caviar and muscle of Persian sturgeon \(Acipenser persicus\) from the Caspian Sea, Iran](#)
A Mashroofeh, AR Bakhtiari, M Pourkazemi
Bulletin of environmental contamination and toxicology ۸۹ (۶), ۱۲۰۱-۱۲۰۴
- ❑ [Use of Solen brevis as a Biomonitor for Cd, Pb and Zn on the Intertidal Zones of Bushehr-Persian Gulf Iran](#)
S Salahshur, AR Bakhtiari, P Kochanian
Bulletin of environmental contamination and toxicology ۸۸ (۶), ۹۵۱-۹۵۵
- ❑ [Oyster Saccostrea cucullata as a biomonitor for Hg contamination and the risk to humans on the coast of Qeshm Island, Persian Gulf, Iran](#)
G Shirneshan, AR Bakhtiari, A Kazemi, M Mohamadi, N Kheirabadi
Bulletin of environmental contamination and toxicology ۸۸ (۶), ۹۶۲-۹۶۶
- ❑ [Assessment of cadmium, copper, lead and zinc contamination using oysters \(Saccostrea cucullata\) as biomonitors on the coast of the Persian Gulf, Iran](#)
BH Chaharlang, AR Bakhtiari, V Yavari
Bulletin of environmental contamination and toxicology ۸۸ (۶), ۹۵۶-۹۶۱
- ❑ [Phenolic endocrine disrupting chemicals \(EDCs\) in Anzali Wetland, Iran: elevated concentrations of ۴-nonylphenol, octylphenol and bisphenol A](#)
S Mortazavi, AR Bakhtiari, AE Sari, N Bahramifar, F Rahbarizade
Marine Pollution Bulletin ۶۴ (۵), ۱۰۶۷-۱۰۷۳
- ❑ [Soil contamination of metals in the three industrial estates, Arak, Iran](#)
E Solgi, A Esmaili-Sari, A Riyahi-Bakhtiari, M Hadipour



- Bulletin of environmental contamination and toxicology ٨٨ (٤), ٦٣٤-٦٣٨
- ❑ [Perfluorooctanoic acid \(PFOA\) and perfluorooctane sulfonate \(PFOS\) in surface water from the Langat River, Peninsular Malaysia](#)
K Zainuddin, MP Zakaria, NA Al-Odaini, AR Bakhtiari, PA Latif
Environmental Forensics ١٣ (١), ٨٢-٩٢
 - ❑ [Metal concentrations in selected tissues and main prey species of the annulated sea snake \(Hydrophis cyanocinctus\) in the Hara Protected Area, northeastern coast of the Persian ...](#)
M Rezaie-Atagholipour, A Riyahi-Bakhtiari, M Sajjadi, CK Yap, S Ghaffari, ...
Marine Pollution Bulletin ٦٤ (٢), ٤١٦-٤٢١
 - ❑ [Accumulation and distribution of Cd, Cu, Pb and Zn in the soft tissue and shell of oysters collected from the northern coast of Qeshm Island, Persian Gulf, Iran](#)
G Shirneshan, A Riyahi Bakhtiari
Chemical Speciation & Bioavailability ٢٤ (٣), ١٢٩-١٣٨
 - ❑ [Distribution patterns of metals contamination in sediments based on type regional development on the intertidal coastal zones of the Persian Gulf, Iran](#)
A Kazemi, AR Bakhtiari, N Kheirabadi, H Barani, B Haidari
Bulletin of environmental contamination and toxicology ٨٨ (١), ١٠٠-١٠٣
 - ❑ [Status of the Annulated Sea Snake, Hydrophis cyanocinctus, in the Hara Protected Area of the Persian Gulf: \(Reptilia: Elaphidae: Hydrophiinae\)](#)
M Rezaie-Atagholipour, A Riyahi-Bakhtiari, M Rajabizadeh, P Ghezellou
Zoology in the Middle East ٥٧ (١), ٥٣-٦٠
 - ❑ [Variations and origins of aliphatic hydrocarbons in sediment cores from Chini Lake in Peninsular Malaysia](#)
AR Bakhtiari, MP Zakaria, MI Yaziz, MNH Lajis, X Bi
Environmental Forensics ١٢ (١), ٧٩-٩١



- ❑ [DETERMINATION OF CORRELATION AND CONCENTRATION OF NICKEL AND VANADIUM IN SURFACE SEDIMENT AND IN ROCKY OYSTERS \(SACCOSTREA CUCULLATA\) IN COASTS OF BANDAR LENGEH AND HENDOURABI ...](#)
CB HAIDARI, BA RIYAH, V YAVARI, Z YOUSEFI
JOURNAL OF MARINE BIOLOGY ۳ (۱۱), ۳۱-۴۱
- ❑ [Measurement of heavy metal concentrations Cd, Pb, Zn in bivalve shells Saccostrea cucullata and Soler brevis inter-tidal areas of the Bandar-e-Lengeh and Bushehr.](#)
B Haidari Chaharlang, AR Riyahi Bakhtiari, V Yavari, S Salahshur
Journal of Aquatic Animals and Fisheries ۲ (۷), ۱۹-۲۴
- ❑ [Mercury concentration in muscle and liver of pike \(Esox lucius\) collected from Anzali International Wetland, Iran](#)
M Nozari, SA ESMAILI, BA RIYAH, J Aazami
Iranian Journal of Toxicology ۵ (۱۴), ۵۱۶-۵۲۰
- ❑ [Use of different tissues of Perna viridis as biomonitors of polycyclic aromatic hydrocarbons \(PAHs\) in the coastal waters of Peninsular Malaysia](#)
A Shahbazi, MP Zakaria, CK Yap, SG Tan, S Surif, CAR Mohamed, ...
Environmental Forensics ۱۱ (۳), ۲۴۸-۲۶۳
- ❑ [Spatial distribution and sources of polycyclic aromatic hydrocarbons \(PAHs\) in green mussels \(Perna viridis\) from coastal areas of Peninsular Malaysia ...](#)
A Shahbazi, MP Zakaria, CK Yap, S Surif, AR Bakhtiari, K Chandru, ...
International Journal of Environmental Analytical Chemistry ۹۰ (۱), ۱۴-۳۰
- ❑ [Characterization of perylene in tropical environment: comparison of new and old fungus comb for identifying perylene precursor in Macrotermes gilvus termite nests of Peninsular ...](#)
AR Bakhtiari, MP Zakaria, M Ramin, MI Yaziz, MNH Lajis, X Bi
EnvironmentAsia ۳ (۱), ۱۳-۱۹
- ❑ [Distribution of PAHs and n-alkanes in Klang River surface sediments, Malaysia](#)



AR Bakhtiari, MP Zakaria, MI Yaziz, MNH Lajis, X Bi, MRM Shafiee, ...

Pertanika J Sci Technol ١٨ (١), ١٦٧-١٧٩

- ❑ [Vertical distribution of heavy metals and enrichment in the South China Sea sediment cores](#)

KH REZAEI, EB Saion, CK Yap, MR Abdi, BA RIAHI

INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH (IJER) ٤ (٤), ٨٧٧-٨٨٦

- ❑ [Vertical distribution and source identification of polycyclic aromatic hydrocarbons in anoxic sediment cores of Chini Lake, Malaysia: Perylene as indicator of land plant ...](#)

AR Bakhtiari, MP Zakaria, MI Yaziz, MNH Lajis, X Bi, MC Abd Rahim

Applied Geochemistry ٢٤ (٩), ١٧٧٧-١٧٨٧

- ❑ [Sources and Distribution of N-alkane and Polycyclic Aromatic Hydrocarbons in Selected Locations in Peninsular Malaysia](#)

AR Bakhtiari

Universiti Putra Malaysia

- ❑ [Polycyclic aromatic hydrocarbons and n-alkanes in suspended particulate matter and sediments from the Langat River, Peninsular Malaysia.](#)

RB Alireza, PZ Mohamad, IY Mohammad, N Mohamad, X Bi

Environment Asia ٢ (٢), ١-١٠

- ❑ [Evaluation of priorities and potential of recycling of municipal solid waste in Shahreza.](#)

F Nazem, MA Abdoli, AR Bakhtiari, AR Masah

Iranian Journal of Natural Resources ٦١ (٤), ٩٣٣-٩٤١

- ❑ [Polycyclic aromatic hydrocarbons and n-alkanes in suspended particulate matter and sediments from the Langat River, Peninsular Malaysia](#)

AR Bakhtiari, MP Zakaria, MI Yaziz, MNH Lajis, X Bi

Environ. Asia ٢ (٢), ١-١٠



- ❑ [Morphological and morphometric analyses of dental and cranial characters in Apodemus hyrcanicus and A. witherbyi \(Rodentia: Muridae\) from Iran](#)
M Javidkar, J Darvish, AR Bakhtiari
Mammalia ۷۱ (۱-۲), ۵۶-۶۲
- ❑ [A DETERMINATION OF NIKEL TO VANADIUM RATIO IN P. RADIATA AND S. CUCULLATA RESULTED FROM OIL POLLUTION IN COASTAL FRINGES IN HORMOZGAN PROVINCE](#)
S Mortazavi, SA ESMAEILI, BA RIAHI
IRANIAN JOURNAL OF NATURAL RESOURCES ۵۸ (۱), ۱۵۹-۱۷۲
- ❑ [Discriminant analysis of dental and cranial characteristics in the wood mice Apodemus hyrcanicus and A. hermonensis \(Rodentia, Muridae\) from Iran](#)
M Javidkar, J Darvish, AR Bakhtiari
Zoology in the Middle East ۳۵ (۱), ۵-۱۲
- ❑ [Concentrations and fluctuations of lead and cadmium in the tissues of different fish species of the Haraz River](#)
BA RIAHI
JOURNAL OF MARINE SCIENCES AND TECHNOLOGY ۱ (۱), ۳۷-۴۵
- ❑ [Ecotoxic Linking of Phthalates and Flame-Retardant Combustion Byproducts with Coral Solar Bleaching](#)
AR Jafarabadi, S Mashjoor, AR Bakhtiari, T Cappello
Environmental science & technology
- ❑ [Normal alkanes and parent PAHs in sediments from the Eastern Persian Gulf: spatial structure and implications for autochthonous, allochthonous and petroleum-originated contaminants](#)
V Aghadadashi, A Mehdinia, A Riyahi Bakhtiari, S Molaei
- ❑ [Designing a Model for Promoting the Place of Private Sector in Iranian Written Media](#)
AT ROSHANDEL, A BAKHTIARI
GLOBAL MEDIA JOURNAL ۱۰ (۲), ۲۰۵-۲۲۰



- ❑ [ES Journal of Nutritional Health A preliminary study on the status of essential Cu, Fe and Zn in the leaflets of oil palm \(Elaeis guineensis\) collected from Lekir, Peninsular ...](#)

CK Yap, WH Cheng, NA Hashim, SHT Peng, MH Ibrahim, R Nulit, ...
- ❑ [ECOLOGICAL RISK ASSESSMENTS OF HEAVY METALS IN POLLUTED DRAINAGE SEDIMENTS FROM THE MALACCA INDUSTRIAL AREA AND THE MALACCA RIVER, MALAYSIA](#)

CK Yap, H Isak, WH Cheng, KW Wong, H Omar, R Nulit, S Shohaimi, ...

SEDIMENT WATCH, ۲۳
- ❑ [ASSOCIATION OF TRACE METALS \(CR, CO, MN AND SC\) BETWEEN SURFACE SEDIMENTS AND THE MANGROVE SNAIL CERITHEDEA OBTUSA: ASSESSMENT OF THE SNAIL AS A BIOMONITOR FOR INTERTIDAL](#)

CK Yap, K Kumar, E Saion, HM Kamari, KW Wong, M Saito, R Nulit, ...

SEDIMENT WATCH, ۱۴۱
- ❑ [مقایسه کارایی کرین فعال ساده و پوشانده شده با اکسیدمنگنز در جذب تولوئن از جریان هوای آلوده](#)

رضایی, موسوی, سید غلامرضا, ریاحی بختیاری, یمینی

دانشگاه علوم پزشکی سبزوار (اسرار) ۲۳ (۶), ۸۳۶-۸۴۷

2- کتاب های تالیف شده مرتبط با حوزه فعالیت گروه:

ردیف	عنوان کتاب	موضوع و رشته کتاب	محل انتشار	انتشارات	سال چاپ	نوبت چاپ
1	Snails Biodiversity, Biology, and Behavioral Insights	Environmental Pollution	New York	Nova Science Publishers	2017	Chapter In Book 1 Chapter
2	آلودگی های نفتی خلیج فارس ارزیابی خسارات در منطقه رامپی (MEMAC) جلد دوم مخاطرات دریایی	محیط زیست-آلودگی نفتی	تهران	اندیشمند		ویراستار علمی



Chapter In Book 4 Chapters	2018	Nova Science Publishers	New York	Environmental Pollution	Sediment Watch, Monitoring, Ecological Risk Assessment and Environmental Management	3
-------------------------------------	------	-------------------------------	-------------	----------------------------	--	---