

Chee Kong Yap

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98
papers

1,883
citations

26
h-index

40
g-index

124
ext. papers

2,172
ext. citations

3.7
avg, IF

4.93
L-index

#	Paper	IF	Citations
98	Anthropogenic impacts on the distribution and biodiversity of benthic macroinvertebrates and water quality of the Langat River, Peninsular Malaysia. <i>Ecotoxicology and Environmental Safety</i> , 2006 , 64, 337-47	7	147
97	Anthropogenic impacts on heavy metal concentrations in the coastal sediments of Dumai, Indonesia. <i>Environmental Monitoring and Assessment</i> , 2009 , 148, 291-305	3.1	138
96	Correlations between speciation of Cd, Cu, Pb And Zn in sediment and their concentrations in total soft tissue of green-lipped mussel <i>Perna viridis</i> from the west coast of Peninsular Malaysia. <i>Environment International</i> , 2002 , 28, 117-26	12.9	118
95	Heavy metal (Cd, Cu, Pb and Zn) concentrations in the green-lipped mussel <i>Perna viridis</i> (Linnaeus) collected from some wild and aquacultural sites in the west coast of Peninsular Malaysia. <i>Food Chemistry</i> , 2004 , 84, 569-575	8.5	81
94	Toxicities and tolerances of Cd, Cu, Pb and Zn in a primary producer (<i>Isochrysis galbana</i>) and in a primary consumer (<i>Perna viridis</i>). <i>Environment International</i> , 2004 , 29, 1097-104	12.9	67
93	Concentrations of Cu and Pb in the offshore and intertidal sediments of the west coast of Peninsular Malaysia. <i>Environment International</i> , 2002 , 28, 467-79	12.9	67
92	Potential human health risks from toxic metals via mangrove snail consumption and their ecological risk assessments in the habitat sediment from Peninsular Malaysia. <i>Chemosphere</i> , 2015 , 135, 156-65	8.4	53
91	First report of bioaccumulation and bioconcentration of aliphatic hydrocarbons (AHs) and persistent organic pollutants (PAHs, PCBs and PCNs) and their effects on alcyonacea and scleractinian corals and their endosymbiotic algae from the Persian Gulf, Iran: Inter and intra-species differences. <i>Science of the Total Environment</i> , 2018 , 627, 141-157	10.2	49
90	Effect of Cadmium and Copper Exposure on Growth, Secondary Metabolites and Antioxidant Activity in the Medicinal Plant Sambung Nyawa (<i>Gynura procumbens</i> (Lour.) Merr). <i>Molecules</i> , 2017 , 22,	4.8	47
89	Distributions and compositional patterns of polycyclic aromatic hydrocarbons (PAHs) and their derivatives in three edible fishes from Kharg coral Island, Persian Gulf, Iran. <i>Chemosphere</i> , 2019 , 215, 835-845	8.4	46
88	Can the shell of the green-lipped mussel <i>Perna viridis</i> from the west coast of Peninsular Malaysia be a potential biomonitoring material for Cd, Pb and Zn?. <i>Estuarine, Coastal and Shelf Science</i> , 2003 , 57, 623-630	2.9	45
87	Health risk assessments of heavy metal exposure via consumption of marine mussels collected from anthropogenic sites. <i>Science of the Total Environment</i> , 2016 , 553, 285-296	10.2	43
86	Accumulation, depuration and distribution of cadmium and zinc in the green-lipped mussel <i>Perna viridis</i> (Linnaeus) under laboratory conditions. <i>Hydrobiologia</i> , 2003 , 498, 151-160	2.4	40
85	Assessment of Cu, Pb, and Zn contamination in sediment of north western Peninsular Malaysia by using sediment quality values and different geochemical indices. <i>Environmental Monitoring and Assessment</i> , 2011 , 183, 23-39	3.1	39
84	Pollution evaluation in the Shahrood River: Do physico-chemical and macroinvertebrate-based indices indicate same responses to anthropogenic activities?. <i>Chemosphere</i> , 2016 , 159, 584-594	8.4	34
83	Risk assessment for the daily intake of polycyclic aromatic hydrocarbons from the ingestion of cockle (<i>Anadara granosa</i>) and exposure to contaminated water and sediments along the west coast of Peninsular Malaysia. <i>Journal of Environmental Sciences</i> , 2011 , 23, 336-45	6.4	34
82	Assessment of Different Soft Tissues of the Green-lipped Mussel <i>Perna viridis</i> (Linnaeus) as Biomonitoring Agents of Pb: Field and Laboratory Studies. <i>Water, Air, and Soil Pollution</i> , 2004 , 153, 253-268	2.6	32

81	Can the byssus of green-lipped mussel <i>Perna viridis</i> (Linnaeus) from the west coast of Peninsular Malaysia be a biomonitoring organ for Cd, Pb and Zn? Field and laboratory studies. <i>Environment International</i> , 2003 , 29, 521-8	12.9	32
80	Allozyme polymorphisms and heavy metal levels in the green-lipped mussel <i>Perna viridis</i> (Linnaeus) collected from contaminated and uncontaminated sites in Malaysia. <i>Environment International</i> , 2004 , 30, 39-46	12.9	30
79	Acute phenanthrene toxicity to juvenile diploid and triploid African catfish (<i>Clarias gariepinus</i>): Molecular, biochemical, and histopathological alterations. <i>Environmental Pollution</i> , 2016 , 212, 155-165	9.3	29
78	Interspecific Variation of Heavy Metal Concentrations in the Different Parts of Tropical Intertidal Bivalves. <i>Water, Air, and Soil Pollution</i> , 2009 , 196, 297-309	2.6	29
77	Evaluation of the potential bioaccumulation ability of the blood cockle (<i>Anadara granosa</i> L.) for assessment of environmental matrices of mudflats. <i>Science of the Total Environment</i> , 2013 , 454-455, 584-97	10.2	28
76	Use of Different Tissues of <i>Perna Viridis</i> as Biomonitoring of Polycyclic Aromatic Hydrocarbons (PAHs) in the Coastal Waters of Peninsular Malaysia. <i>Environmental Forensics</i> , 2010 , 11, 248-263	1.6	28
75	Gastropod Assemblages as Indicators of Sediment Metal Contamination in Mangroves of Dumai, Sumatra, Indonesia. <i>Water, Air, and Soil Pollution</i> , 2009 , 201, 9-18	2.6	28
74	Prevention is better than cure: Persian Gulf biodiversity vulnerability to the impacts of desalination plants. <i>Global Change Biology</i> , 2019 , 25, 4022-4033	11.4	27
73	Crystalline style and tissue redistribution in <i>Perna viridis</i> as indicators of Cu and Pb bioavailabilities and contamination in coastal waters. <i>Ecotoxicology and Environmental Safety</i> , 2006 , 63, 413-23	7	27
72	Background concentrations of Cd, Cu, Pb and Zn in the green-lipped mussel <i>Perna viridis</i> (Linnaeus) from Peninsular Malaysia. <i>Marine Pollution Bulletin</i> , 2003 , 46, 1044-8	6.7	26
71	Biomonitoring of Trace Metals (Fe, Cu, and Ni) in the Mangrove Area of Peninsular Malaysia Using Different Soft Tissues of Flat Tree Oyster <i>Isognomon alatus</i> . <i>Water, Air, and Soil Pollution</i> , 2011 , 218, 19-36	2.6	25
70	Use of different soft tissues of <i>Perna viridis</i> as biomonitoring of bioavailability and contamination by heavy metals (Cd, Cu, Fe, Pb, Ni, and Zn) in a semi-enclosed intertidal water, the Johore Straits. <i>Toxicological and Environmental Chemistry</i> , 2006 , 88, 683-695	1.4	25
69	Rare earth elements in core marine sediments of coastal East Malaysia by instrumental neutron activation analysis. <i>Applied Radiation and Isotopes</i> , 2016 , 107, 17-23	1.7	24
68	Effects of anthropogenic activities on the heavy metal levels in the clams and sediments in a tropical river. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 116-134	5.1	23
67	Cd and Zn concentrations in the straits of Malacca and intertidal sediments of the west coast of Peninsular Malaysia. <i>Marine Pollution Bulletin</i> , 2003 , 46, 1349-53	6.7	23
66	Effects of metal-contaminated soils on the accumulation of heavy metals in gotu kola (<i>Centella asiatica</i>) and the potential health risks: a study in Peninsular Malaysia. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 40	3.1	19
65	Spatial distribution and sources of polycyclic aromatic hydrocarbons (PAHs) in green mussels (<i>Perna viridis</i>) from coastal areas of Peninsular Malaysia: implications for source identification of perylene. <i>International Journal of Environmental Analytical Chemistry</i> , 2010 , 90, 14-30	1.8	19
64	Population dynamics of the green mussel <i>Perna viridis</i> from the high spat-fall coastal water of Malacca, Peninsular Malaysia. <i>Fisheries Research</i> , 2007 , 84, 147-152	2.3	19

63	Potential human health risk assessment of heavy metals via the consumption of tilapia <i>Oreochromis mossambicus</i> collected from contaminated and uncontaminated ponds. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 584	3.1	18
62	<i>Telescopium telescopium</i> as potential biomonitors of Cu, Zn, and Pb for the tropical intertidal area. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 496-506	7	18
61	Rare earth element (REE) in surface mangrove sediment by instrumental neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 301, 667-676	1.5	16
60	Genetic characterization of <i>Perna viridis</i> L. in peninsular Malaysia using microsatellite markers. <i>Journal of Genetics</i> , 2009 , 88, 153-63	1.2	16
59	<i>Trichoderma atroviride</i> as a bioremediator of Cu pollution: An in vitro study. <i>Toxicological and Environmental Chemistry</i> , 2009 , 91, 1305-1314	1.4	16
58	Similarities and differences of metal distributions in the tissues of molluscs by using multivariate analyses. <i>Environmental Monitoring and Assessment</i> , 2010 , 165, 39-53	3.1	16
57	Metal concentrations in selected tissues and main prey species of the annulated sea snake (<i>Hydrophis cyanocinctus</i>) in the Hara Protected Area, northeastern coast of the Persian Gulf, Iran. <i>Marine Pollution Bulletin</i> , 2012 , 64, 416-21	6.7	15
56	Concentrations of heavy metals (Cu, Cd, Zn and Ni) and PAHs in <i>Perna viridis</i> collected from seaport and non-seaport waters in the Straits of Johore. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012 , 89, 1205-10	2.7	15
55	Biomonitoring of heavy metal (Cd, Cu, Pb, and Zn) concentrations in the west intertidal area of Peninsular Malaysia by using <i>Nerita lineata</i> . <i>Toxicological and Environmental Chemistry</i> , 2009 , 91, 29-41	1.4	13
54	Distribution of Heavy Metals in Core Marine Sediments of Coastal East Malaysia by Instrumental Neutron Activation Analysis and Inductively Coupled Plasma Spectroscopy. <i>Applied Radiation and Isotopes</i> , 2018 , 132, 222-231	1.7	12
53	Contamination in Pasir Gudang Area, Peninsular Malaysia: What can we learn from Kim Kim River chemical waste contamination? 2019 , 1, 82-87		11
52	Effects of Total Soft Tissue and Shell Thickness on the Accumulation of Heavy Metals (Cd, Cu, Pb, and Zn) in the Green-Lipped Mussel <i>Perna viridis</i> . <i>Russian Journal of Marine Biology</i> , 2003 , 29, 323-327	0.7	10
51	Byssus of the Green-Lipped Mussel <i>Perna viridis</i> (Linnaeus) as a Biomonitoring Material for Zn. <i>Russian Journal of Marine Biology</i> , 2005 , 31, 102-108	0.7	10
50	Levels of heavy metals (Zn, Cu, Cd, and Pb) in mudskippers (<i>Periophthalmodon schlosseri</i>) and sediments collected from intertidal areas at Morib and Remis, Peninsular Malaysia. <i>Toxicological and Environmental Chemistry</i> , 2010 , 92, 1471-1486	1.4	9
49	Distribution of Trace Elements in Core Marine Sediments of Coastal East Malaysia by Instrumental Neutron Activation Analysis. <i>Applied Radiation and Isotopes</i> , 2017 , 122, 96-105	1.7	8
48	An investigation of arsenic contamination in Peninsular Malaysia based on <i>Centella asiatica</i> and soil samples. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 3243-54	3.1	8
47	Biochemical and molecular indicators in aquatic ecosystems: Current status and further applications in Malaysia. <i>Aquatic Ecosystem Health and Management</i> , 2006 , 9, 227-236	1.4	8
46	Assessment of health risks of the toxic Cd and Pb between leafy and fruit vegetables collected from selected farming areas of Peninsular Malaysia. <i>Integrative Food, Nutrition and Metabolism</i> , 2018 , 5,	1.9	8

45	Heavy Metal Accumulation in a Medicinal Plant <i>Centella asiatica</i> from Peninsular Malaysia. <i>Journal of Biological Sciences</i> , 2011 , 11, 146-155	0.4	8
44	Distribution of heavy metal concentrations in the different soft tissues of the freshwater snail <i>Pomacea insularum</i> (D'Orbigny, 1839; Gastropoda), and sediments collected from polluted and unpolluted sites from Malaysia. <i>Toxicological and Environmental Chemistry</i> , 2009 , 91, 17-27	1.4	7
43	Mercury concentrations in the surface sediments of the intertidal area along the west coast of Peninsular Malaysia. <i>Toxicological and Environmental Chemistry</i> , 2003 , 85, 13-21	1.4	7
42	A Review of Heavy Metals in Coastal Surface Sediments from the Red Sea: Health-Ecological Risk Assessments. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	7
41	Allozyme polymorphisms in horseshoe crabs, <i>Carcinoscorpius rotundicauda</i> , collected from polluted and unpolluted intertidal areas in Peninsular Malaysia. <i>Environmental Monitoring and Assessment</i> , 2011 , 174, 389-400	3.1	6
40	Occurrence of shell deformities in green-lipped mussel <i>Perna viridis</i> (Linnaeus) collected from Malaysian coastal waters. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002 , 69, 877-84	2.7	6
39	A Commentary on the Use of Bivalve Mollusks in Monitoring Metal Pollution Levels. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	6
38	Mercury levels in the green-lipped mussel <i>Perna viridis</i> (Linnaeus) from the west coast of peninsular Malaysia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003 , 71, 570-6	2.7	5
37	A comparison of biomarker responses in juvenile diploid and triploid African catfish, <i>Clarias gariepinus</i> , exposed to the pesticide butachlor. <i>Environmental Research</i> , 2016 , 151, 313-320	7.9	4
36	Digestive Cecum and Tissue Redistribution in Gills of <i>Telescopium telescopium</i> as Indicators of Ni Bioavailabilities and Contamination in Tropical Intertidal Areas. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 2891-2905	2.6	4
35	Relationships of Copper Concentrations between the Different Soft Tissues of <i>Telescopium telescopium</i> and the Surface Sediments Collected from Tropical Intertidal Areas. <i>International Journal of Chemistry</i> , 2013 , 5,	1.1	4
34	Barium Levels in Soils and <i>Centella asiatica</i> . <i>Tropical Life Sciences Research</i> , 2013 , 24, 55-70	1.1	4
33	Assessing the Radiological Risks Associated with High Natural Radioactivity of Microgranitic Rocks: A Case Study in a Northeastern Desert of Egypt.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	4
32	The impact assessment of desalination plant discharges on heavy metal pollution in the coastal sediments of the Persian Gulf.. <i>Marine Pollution Bulletin</i> , 2022 , 178, 113599	6.7	4
31	Identification of hybrids of painted and milky storks using FTA card-collected blood, molecular markers, and morphologies. <i>Biochemical Genetics</i> , 2013 , 51, 789-99	2.4	3
30	The status of heavy metal levels in a Ramsar site, Kuala Gula bird sanctuary: the impact of the anthropogenic inputs. <i>Toxicological and Environmental Chemistry</i> , 2010 , 92, 1953-1963	1.4	3
29	Distribution and speciation of Zn and Pb in coastal sediments of Dumai Sumatera, Indonesia. <i>Toxicological and Environmental Chemistry</i> , 2008 , 90, 609-623	1.4	3
28	ECOLOGICAL RISK ASSESSMENTS OF HEAVY METALS IN SURFACE SEDIMENTS COLLECTED FROM HAQAL COASTAL WATERS (TABUK REGION), SAUDI ARABIA. <i>Applied Ecology and Environmental Research</i> , 2019 , 17, 3065-3075	1.9	3

27	Zn in vegetables: A review and some insights. <i>Integrative Food, Nutrition and Metabolism</i> , 2019 , 6,	1.9	3
26	Cleaning Up of Contaminated Soils by Using Microbial Remediation: A Review and Challenges to the Weaknesses. <i>American Journal of Biomedical Science & Research</i> , 2019 , 2,	2.1	3
25	Patterns of RAPD markers and heavy metal concentrations in <i>Perna viridis</i> (L.), collected from metal-contaminated and uncontaminated coastal waters: Are they correlated with each other?. <i>Russian Journal of Genetics</i> , 2007 , 43, 544-550	0.6	2
24	Human Health Risk Assessments of Trace Metals on the Clam in a Tropical River in Peninsular Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 18,	4.6	2
23	Comparative Study of Potentially Toxic Nickel and Their Potential Human Health Risks in Seafood (Fish and Mollusks) from Peninsular Malaysia.. <i>Biology</i> , 2022 , 11,	4.9	2
22	Comment on "Assessment of heavy metal contamination in Hindon River sediments: a chemometric and geochemical approach" published in Chemosphere 87 (2012) 945-953. <i>Chemosphere</i> , 2015 , 119, 1465-1466 ¹	8.4	1
21	Interspecific variation of heavy metal concentrations in the different tissues of tropical intertidal gastropods from Malaysia. <i>Toxicological and Environmental Chemistry</i> , 2010 , 92, 1121-1134	1.4	1
20	Eleven novel polymorphic microsatellite DNA markers from the green-lipped mussel, <i>Perna viridis</i> . <i>Russian Journal of Genetics</i> , 2008 , 44, 498-500	0.6	1
19	Morphological and allozyme studies of small terrestrial snails (<i>Opeas</i> sp., <i>Subulina</i> sp., and <i>Huttonella bicolor</i>) collected from peninsular malaysia. <i>Russian Journal of Genetics</i> , 2006 , 42, 40-48	0.6	1
18	Antioxidant Enzyme Activities as Biomarkers of Cu and Pb Stress in <i>Centella asiatica</i> . <i>Stresses</i> , 2021 , 1, 253-265		1
17	Oil palm biomass wastes as renewable energy sources in Malaysia: Potentials and challenges ²⁰⁻²⁴		1
16	Invasive Weed as a Potential Biomonitor and a Phytoremediator of Potentially Toxic Metals: A Case Study in Peninsular Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
15	Assessments of the Ecological and Health Risks of Potentially Toxic Metals in the Topsoils of Different Land Uses: A Case Study in Peninsular Malaysia.. <i>Biology</i> , 2021 , 11,	4.9	1
14	Ecological-Health Risk Assessments of Heavy Metals (Cu, Pb, and Zn) in Aquatic Sediments from the ASEAN-5 Emerging Developing Countries: A Review and Synthesis.. <i>Biology</i> , 2021 , 11,	4.9	1
13	Ecological-Health Risks of Potentially Toxic Metals in Mangrove Sediments near Estuaries after Years of Piggery Farming Bans in Peninsular Malaysia. <i>Sustainability</i> , 2022 , 14, 1525	3.6	0
12	Coral health assessment in Malaysia: a case study of Pulau Anak Datai, Langkawi.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
11	Floating particles with high copper concentration in the sea-surface microlayer. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
10	Bioaccumulation of zinc in edible tropical vegetables in Peninsular Malaysia and its human health risk assessment based on various ethnicities in Malaysia. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 39110-39125	5.1	0

- 9 Molecular sex identification of painted storks (*Mycteria leucocephala*): using FTA cards, horizontal PAGE and quick silver staining. *Journal of Genetics*, **2016**, 93, 15-18 1.2
- 8 Critical but Constructive Comments on a Paper by Hadibrata et al. (2012) (DOI 10.1007/s11270-012-1095-7) Published in *Water, Air, and Soil Pollution*. *Water, Air, and Soil Pollution*, **2012**, 223, 5803-5805 2.6
- 7 Social factors for coastal management: A short review and some insights01-07
- 6 Observational developments of the culture of big-belly seahorse, *Hippocampus abdominalis* (Lesson, 1827): A conservation effort for the future08-13
- 5 Microplastics Occurrence in Waters off the Northwest Coast of Peninsular Malaysia: A Spatial Difference **2020**, 16, 50-60
- 4 Comparative Studies of Concentrations of Cu and Zn in the Surface Intertidal Sediments Collected from East, South and West Coasts of Peninsular Malaysia **2012**, 130-143
- 3 Heavy metals in the green-lipped mussel *Perna viridis*: Are they safe as animal feeds?54-58
- 2 Microbial ecotoxicology: A new era of research in Malaysia59-61
- 1 A Conceptual Model of Nickel Content in the Bodies of Seafood Mollusks and their Gastrointestinal Absorption. *Journal of Biomedical Research & Environmental Sciences*, **2022**, 3, 324-326 0.3