

# K K Balachandran

## List of Publications by Year in descending order

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14  
papers

587  
citations

759233

12  
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1058476

14  
g-index

15  
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15  
docs citations

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times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	CO <sub>2</sub> Supersaturation and Net Heterotrophy in a Tropical Estuary (Cochin, India): Influence of Anthropogenic Effect. <i>Ecosystems</i> , 2009, 12, 1145-1157.	3.4	112
2	Eutrophication induced changes in benthic community structure of a flow-restricted tropical estuary (Cochin backwaters), India. <i>Environmental Monitoring and Assessment</i> , 2011, 176, 427-438.	2.7	67
3	Dynamics of polycyclic aromatic hydrocarbons (PAHs) in surface sediments of Cochin estuary, India. <i>Marine Pollution Bulletin</i> , 2017, 114, 1081-1087.	5.0	64
4	Monsoon-induced changes in the size-fractionated phytoplankton biomass and production rate in the estuarine and coastal waters of southwest coast of India. <i>Environmental Monitoring and Assessment</i> , 2010, 166, 521-528.	2.7	58
5	Environmental Analysis of Heavy Metal Deposition in a Flow-Restricted Tropical Estuary and Its Adjacent Shelf. <i>Environmental Forensics</i> , 2006, 7, 345-351.	2.6	55
6	Distribution and contamination status of phthalic acid esters in the sediments of a tropical monsoonal estuary, Cochin – India. <i>Chemosphere</i> , 2018, 210, 232-238.	8.2	36
7	Trace Metal Concentrations in Zooplankton from the Eastern Arabian Sea and Western Bay of Bengal. <i>Environmental Forensics</i> , 2008, 9, 22-32.	2.6	30
8	The world's largest coastal deoxygenation zone is not anthropogenically driven. <i>Environmental Research Letters</i> , 2021, 16, 054009.	5.2	30
9	Impact of eutrophication on the occurrence of <i>Trichodesmium</i> in the Cochin backwaters, the largest estuary along the west coast of India. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 1237-1253.	2.7	29
10	Distribution, contamination status and bioavailability of trace metals in surface sediments along the southwest coast of India. <i>Marine Pollution Bulletin</i> , 2021, 164, 112042.	5.0	23
11	Phthalic acid esters – A grave ecological hazard in Cochin estuary, India. <i>Marine Pollution Bulletin</i> , 2020, 152, 110899.	5.0	21
12	Transport of dissolved nutrients and chlorophyll a in a tropical estuary, southwest coast of India. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4829-4839.	2.7	19
13	Effects of hydrography on the distribution of bacteria and virus in Cochin estuary, India. <i>Ecological Research</i> , 2015, 30, 85-92.	1.5	11
14	Trace metals concentration in water hyacinth implicates the saltwater barrage altered hydrography of Kochi backwaters, southwest Coast of India. <i>Marine Pollution Bulletin</i> , 2021, 168, 112447.	5.0	4