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<b>Academic qualifications</b>	Ph. D (Animal & Marine Bioresources Science), Kyushu University, Fukuoka, Japan
<b>Academic awards</b>	Recipient of Hiralal Chaudhary Young Scientist Award-2008
<b>Experience</b>	18 years
<b>Current Research Interests</b>	Molecular Endocrinology
<b>Current Research Projects</b>	Genetic upgradation of Freshwater Fish and Shell Fish

<b>Publications</b>					
Sl no	Authors	Year	Title with full reference	Journal with volume & page number	NAAS Journal ID/Rating
1	P.S. Shyne Anand, M.P.S. Kohli , S. Dam Roy , <b>J.K. Sundaray</b> , Sujeet Kumar , Archana Sinha ,G.H. Pailan , Munil kumar Sukham	2013	Effect of dietary supplementation of periphyton on growth performance and digestive enzyme activities in <i>Penaeus monodon</i> .	Aquaculture 392–395 (2013) 59–68	A167/7.7
2	Kohei Ohta , Mami Sakai, <b>Jitendra Kumar Sundaray</b> , Takeshi Kitano Tatsusuke Takeda, Akihiko Yamaguchi, and Michiya Matsuyama	2012	Bidirectional sex change induced by sex steroid implantation in the hermaphrodite fish, <i>Pseudolabrus sieboldi</i> . Journal of Experimental Zoology Part A: Ecological Genetics and Physiology, accepted	Journal of Experimental Zoology Part A: Ecological Genetics and Physiology, accepted	J143/7.5
3	P. S. Shyne Anand, Sujeet Kuma, A. Panigrahi, T. K. Ghoshal, J. Syama Daya, G. Biswas, <b>J.K. Sundaray</b> ,D. De, R. Ananda Raja, A. D. Deo, S. M. Pillai, P. Ravichandran	2012	Effects of C:N ratio and substrate integration on periphyton biomass, microbial dynamics and growth of <i>Penaeus monodon</i> juveniles. Aquacult International. DOI 10.1007/s10499-012-9585-6	Aquacult International. DOI 10.1007/s10499-012-9585-6	A168/7.3
4	Prem Kumar, ART Arasu, M.Natarajan, M. Kailasam, <b>J.K. Sundaray</b> , R. Subburaj, G. Thiagarajan and S.Elangeswaran	2012	Secondary stress responses in Grey Mullet ( <i>Mugil cephalus</i> , Linnaeus) fry to increasing stocking densities during transportation. The Israeli Journal of Aquaculture - Bamidgheh, IJA_64.2013.840, 6 pages	The Israeli Journal of Aquaculture - Bamidgheh, IJA_64.2013.840, 6 pages	I159/6.9
5	Ramamoorthy Saraswathy, Moturi Muralidhar, Muniyandi Kailasam, Pitchaiyappan Ravichandran, Baijnatha Prasad Gupta, Kishore Kumar Krishnani, Alphis Geethanand Ponniah, <b>Jitendra Kumar Sundaray</b> , Akshaya Panigrahi & Arunachalam Nagavel.	2012	Effect of stocking density on soil, water quality and nitrogen budget in <i>Penaeus monodon</i> (Fabricius, 1798) culture under zero water exchange system. Aquaculture Research, 2012, 1–11	Aquaculture Research, 2012, 1–11	A170/7.5

6	G. Biswas, Debasis De, A.R. Thirunavukkarasu, M. Natarajan, <b>J.K. Sundaray</b> , M. Kailasam, Prem Kumar, T.K. Ghoshal, A. G. Ponniah and A. Sarkar,	2012	Effects of stocking density, feeding, fertilization and combined fertilization-feeding on the performances of striped grey mullet ( <i>Mugil cephalus</i> L.) fingerlings in brackishwater pond rearing systems. <i>Aquaculture</i> , doi:10.1016/j.aquaculture.2012.02.004.	<i>Aquaculture</i> , doi:10.1016/j.aquaculture.2012.02.004.	A167/7.7
7	Gouranga Biswas, Tapas K. Ghoshal, Maruthamuthu Natarajan, Arunachalam R. Thirunavukkarasu, <b>Jitendra K. Sundaray</b> , Muniyandi Kailasam, Debasis De, Krishna Sukumaran, Prem Kumar and Alphis G. Ponniah	2012	Effects of stocking density and presence or absence of soil base on growth, weight variation, survival and body composition of pearlspot, <i>Etroplus suratensis</i> (Bloch) fingerlings. <i>Aquaculture Research</i> (Accepted).	<i>Aquaculture Research</i> 2012, 1-11, doi:10.1111/j.1365-2109.2012.03132.x	AI70/7.5
8	G. Biswas, R. Ananda Raja, D. De, <b>J.K. Sundaray</b> , T.K. Ghoshal, S. Anand, S. Kumar, A. Panigrahi, A.R. Thirunavukkarasu and A. G. Ponniah,	2012	Evaluation of Productions and Economic Returns from Two Brackishwater Polyculture Systems in Tide-fed Ponds. <i>Journal of Applied Ichthyology</i> , 28: 116–122.	<i>Journal of Applied Ichthyology</i> , 28: 116–122.	J045/7.4
9	Ananda Raja, R., Ghoshal, T. K., <b>Sundaray, J. K.</b> , De D., Biswas, G., Sujeet Kumar., Panigrahi, A., Kumaran, M. and Pradhan, J. K.	2012.	Status and challenges of livestock farming community in Sunderban India. <i>Indian J. Ani. Sci.</i> 82 (4): 436–438	<i>Indian J. Ani. Sci.</i> 82 (4): 436–438	I026/6.6
10	Sachinandan Dutta, Sourav Maity, Subhra Bikash Bhattacharyya, Jitendra Kumar Sundaray and Sugata Hazra	2013	Composition and Intensity of Feeding of <i>Tenulosa ilisha</i> (Hamilton, 1822) Occurring in the Northern Bay of Bengal, India. (accepted for publication)	Proceeding of Zoological Society	P108/2.7
11	S.N. Sethy, <b>J.K. Sundaray</b> , A Panigrahi and Subhas Chand	2011	Prediction and management of natural disaster through indigenous Technical Knowledge, with Special reference of Fisheries. <i>Indian Journal of Traditional Knowledge</i> , 10 (1), pp 167-172	<i>Indian Journal of Traditional Knowledge</i> , 10 (1), pp 167-172	I 064 /6.7

12	Routray, P, Verma D K, Sahu A D, Puroghit G K., <b>Sundaray J K</b>	2011	Spermatogenesis in fish under the influence of various Factors with special references to Indian Major Carps. Indian Journal of Science and Technology in proceedings of 9th International Symposium on Reproductive Physiology of Fish, held at Cochin, India. Vol.4. No. S 8. Pp.137-138,	Indian Journal of Science and Technology in proceedings of 9th International Symposium on Reproductive Physiology of Fish, held at Cochin, India. Vol.4. No. S 8. Pp.137-138,	I060/3.2
13	Sahu A.D, Bhol C, Routray P., <b>Sundaray J K,</b>	2011	Cryopreservation of male gonad of carps, Labeo calbasu and Labeo rohita for long term storage and its utilization in Aquaculture. Indian Journal of Science and Technology in proceedings of 9th International Symposium on Reproductive Physiology of Fish, held at Cochin, India. Vol.4. No. S 8. Pp.308-309,	Indian Journal of Science and Technology in proceedings of 9th International Symposium on Reproductive Physiology of Fish, held at Cochin, India. Vol.4. No. S 8. Pp.308-309,	I060/3.2
14	Ananda Raja, R., Jithendran, K. P., Panigrahi, A., <b>Sundaray, J. K.,</b> Biswas, G., De, D., Ghoshal, T. K., Sujeet Kumar.,.	2012	A rare case of Rhabdomyoma in milk fish, Chanos Chanos (Forsskål, 1775) associated with Iridoviral infection. Indian Veterinary Journal.	Indian Veterinary Journal. 89 (10).105-107	I076/6.0
15	K Sukumaran, A. R. Thirunavukkarasu, M. Kailasam, <b>J. K. Sundaray,</b> R Subburaj and G Thiagarajan.,.	2011	Effect of stocking density on size heterogeneity and sibling cannibalism in Asian Seabass Lates calacrifer (Bloch 1790) larvae. Indian Journal of Fisheries, 58 (3). 145-147.	Indian Journal of Fisheries, 58 (3). 145-147.	I042/4.9
16	G. Biswas, <b>J.K. Sundaray,</b> A.R. Thirunavukkarasu and M. Kailasam,	2011	Length- weight relationship and variation of condition of Chanos chanos (Forsskål, 1775) from tide-fed brackishwater ponds of the Sunderbans- India. India. Indian Journal of Geo-Marine Sciences, 40 (3): 386-390.	India. Indian Journal of Geo-Marine Sciences, 40 (3): 386-390.	I047/6.7

17	G. Biswas, A. R. T. Arasu, <b>J. K. Sundaray</b> and M. Kailasam	2010	Optimization of feeding frequency of Asian seabass, ( <i>Lates calcarifer</i> ) fry reared in net cages under brackishwater environment. Aquaculture,305, 26-31	Aquaculture,305, 26-31	A 167 /7.7
18	A. Panigrahi, <b>J. K. Sundaray</b> , T. K. Ghoshal, D. De and P. Ravichandran	2009	Bio-secure Zero Water Exchange System Technology of Shrimp Farming for Better Monitoring of Coastal Ecosystem, Journal of Indian Society of Coastal Agricultural Research, 27 (1), 50-53	Journal of Indian Society of Coastal Agricultural Research, 27 (1), 50-53	J199/3.7
19	<b>Sundaray, J. K.</b> , K.Ohta, A.Yamaguchi, T.Kitano and M. Matsuyama	2006	Isolation, cloning, sequencing of brain type aromatase and its expression in male and female Wrasse, <i>Pseudolabrus sieboldi</i> . Fish Physiology and Biochemistry, 31:(2-3), 137-141	Fish Physiology and Biochemistry, 31:(2-3), 137-141	F011/ 7.6
20	Matsuyama, M., Tetsuro Shiraishi., <b>Sundaray, J. K.</b> , Rahman, A., Ohta, K., and Yamaguchi, A.	2005	Steroidogenesis in ovarian follicles of chub mackerel, <i>Scomber japonicus</i> . Zoological Science 22:101-110	Zoological Science 22:101-110	Z008/ 7.5
21	<b>Sundaray, J. K.</b> , Ohta, K., Yamaguchi, A., Suzuki, K and Matsuyama, M.	2003	Diurnal rhythm of steroid biosynthesis in the testis of terminal phase male of protogynous wrasse, <i>Pseudolabrus sieboldi</i> a daily spawner. Fish Physiology and Biochemistry 28:193-195.	Fish Physiology and Biochemistry 28:193-195.	F011/ 7.6
22	Ohta, K., <b>Sundaray, J. K.</b> , Okita, T., Sakai, M., Kitano, T., Yamaguchi, A., Takeda, T., and Matsuyama, M.	2003	Bi-directional sex change and its steroidogenesis in the wrasse, <i>Pseudolabrus sieboldi</i> . Fish Physiology and Biochemistry 28: 173-174	Fish Physiology and Biochemistry 28: 173-174	F011/ 7.6
23	<b>Sundaray, J. K.</b> , Ohta, K., Kitano, T., Yamaguchi. A and Matsuyama, M.	2004	Diurnal expression rhythm of 17 $\beta$ -hydroxysteroid dehydrogenase and P450arom gene in the protogynous wrasse, <i>Pseudolabrus sieboldi</i> . Trends in Comparative Endocrinology, pp 388-390	Trends in Comparative Endocrinology, pp 388-390	-

24	Yamaguchi, A., Lee, K-H., Fujimoto, H., <b>Sundaray, J. K.</b> , Ohta, K and Matsuyama, M.	2004	Restricted expression of DMRT genes in early gonads of the pufferfish, Takifugu rubripes,. Trends in Comparative Endocrinology, pp 470-472	Trends in Comparative Endocrinology, pp 470-472	-
25	Ohta, K., <b>J.K. Sundaray</b> , T. Kitano, Y. Shibata, M. Matsuda, A. Yamaguchi, M. Matsuyama and Y. Nagahama	2006	Involvement of 17 $\beta$ -hydroxysteroid dehydrogenase in the sex change of a protogynous wrasse, Pseudolabrus sieboldi. Journal of Experimental Zoology Part A: Comparative Experimental Biology. 305A (2-3), pp.164	Journal of Experimental Zoology Part A: Comparative Experimental Biology. 305A (2-3), pp.164	J143/7.5
26	Chakraborty, R.K., <b>Sundaray, J. K.</b> and Ghoshal, T. K.	2002	Production of Penaeus monodon (Fab) in the tide fed ponds- Sunderaban- case study. Indian Journal of Fisheries 49, (4): 419-426	Indian Journal of Fisheries 49, (4): 419-426	I042/4.9
27	Kailasam, M., Thirunavukkarasu, A. R., <b>Sundaray, J. K.</b> , Suburaj, R and Charles, A. V. K.	2006	Nursery rearing of Asian Seabass, Lates calcarifer (Bloch) fry using different live feed organisms. Indian Journal of Fisheries 53, (2). 185-190	Indian Journal of Fisheries 53, (2). 185-190	I042/4.9
28	Kailasam, M., Thirunavukkarasu, A. R., <b>Sundaray, J. K.</b> , Suburaj, R and Charles, A. V. K.	2006	Daily growth and length-weight relationship of Asian Seabass, Lates calcarifer (Bloch) during hatchery rearing. Indian Journal of Fisheries 53, (4).487-491	Indian Journal of Fisheries 53, (4).487-491	I042/4.9
29	T.K.Ghoshal, D.De, R.K.Chakraborti and <b>J.K. Sundaray</b>	2006	Effect of probiotics on Penaeus monodon production in pond culture at Sunderban area of West Bengal. Journal of Marine Biological Association of India, 48 (1).111-114	Journal of Marine Biological Association of India, 48 (1).111-114	J182/4.5
30	De, D., T.K. Ghoshal, <b>J.K. Sundaray</b> , R.K. Chakraborti and S.A. Ali	2006	Effect of pellet feed on the performance of Etroplus suratensis. Indian Journal of Animal Nutrition. 23(2): 98-101.	Indian Journal of Animal Nutrition. 23(2): 98-101.	I021/4.6

Other Publications				
Item	Year	Details	Publisher	Pages
<b>A) Books Published</b>				
<b>Books Authored</b>				
Debasis De, T. K. Ghoshal, <b>J.K.Sundaray</b> , R. Ananada Raja, G. Biswas, Sujeet Kumar, M.Kumaran, A. Panigrahi, J .K. Pradhan, U.K.Sarkar, Joy Chakraborty and A. K. Halder	2011	Role of Water harvesting and Land Shaping for improvement of Livelihood Security of Costal degraded area, CIBA special publication no 54	Kakdwip Research Centre of Central Institute of Brackishwater Aquaculture , Chennai	1-12
Dr.Tapas Kumar Ghoshal, <b>Dr.J.K.Sundaray</b> , Dr. R. Ananda Raja, Gouranga Biswas & Dr Sujeet Kumar	2011	Diversification of crops in Coastal Area, CIBA, Special Publication No-52	Kakdwip Research Centre of Central Institute of Brackishwater Aquaculture, Chennai	1-24
Sujeet Kumar T. K. Ghoshal, <b>J.K.Sundaray</b> , Debasis De, R. Ananada Raja, G. Biswas, , A. Panigrahi M.Kumaran, , J .K. Pradhan, U.K.Sarkar, S. Bhattacharya & T. Meheta	2011	Mushroom Cultivation, CIBA, Special Publication No-53	Kakdwip Research Centre of Central Institute of Brackishwater Aquaculture, Chennai	1-12
R. K. Chakraborti, Debasis De, <b>J. K. Sundaray</b> , T.K. Ghosahl & A. Panigrahi	2006	Brackishwater Shrimp, Crab and Finfish culture Special Publication- Vol 25 (Bengali)	Kakdwip Research Centre of Central Institute of Brackishwater Aquaculture , Chennai	pp1-34
A.R.T.Arasu, M.Kailsam, <b>J.K.Sundaray</b> , M.Abraham, R.Suburaj, G.Thiagrajan & K.Karaiyan	2006	A book on simplified hatchery technology for seabass, <i>Lates calcarifer</i> seed production	Central Institute of Brackishwater Aquaculture Chennai	pp1-43

A.R.T.Arasu, M. Kailasam, <b>J.K. Sundaray</b> , R. Subburaj, G. Thyagrajan, K. Karayan	2008	Improved hatchery technology for Asian seabass <i>Lates calcarifer</i> (Bloch) (2008). CIBA special publication No.34. pp 1-38	Central Institute of Brackishwater Aquaculture, Chennai	pp 1-38
<b>Technology Series</b>				
Syed Ahamad Ali, K Ambasankar, J Syama Dayal, A R Thirunavukkarasu, M Kailasam, <b>J K Sundaray</b> & A G Ponniah	2012	Seabass Feed Technology- CIBA Bhetkiahar.	CIBA Technology Series-6 Published by Director, CIBA, Chennai	1-10
<b>Extension Series</b>				
A R T Arasu, M Kailasam, <b>J K Sundaray</b> , Prem Kumar, R Subburaj, G Thiagarajan, S Elnageswaran and Amar Gaikwad	2012	Controlled breeding and seed production of Black King Fish cobia ( <i>Rachycentron canadum</i> ) using pond reared broodstock	Published by Director, CIBA, Chennai	3 fold Flier
A R T Arasu, <b>J K Sundaray</b> , M Kailasam, Prem Kumar and Krishna Sukumaran	2012	Asian seabass ( <i>Lates calcarifer</i> ) A Potential Alternate Species for Sustainable Aquaculture in <b>ODIA language</b>	CIBA extension series-34 Published by Director CIBA, Chennai	1-4
<b>J K Sundaray</b> , A R T Arasu, M Kailasam, Prem Kumar, G. Biswas and Krishna Sukumaran, R Subburaj & G Thyagarjan	2012	Asian seabass ( Bhetki) Ke Unnat Palan Hetu Taknik Bikalpa in Hindi	CIBA extension series-38, Published by Director CIBA, Chennai	1-6
A R T Arasu, M Kailasam, <b>J K Sundaray</b> , Prem Kumar, R Subburaj,	2013	Technology option for improved farming of Asian Seabass ( Bhetki) in Telugu	Published by Director CIBA, Chennai	1-6
A R T Arasu, M Kailasam, <b>J K Sundaray</b> , Prem Kumar, R Subburaj,	2013	Technology option for improved farming of Asian Seabass ( Bhetki) in Tamil	CIBA extension brochure Published by Director CIBA, Chennai	



<b>J K Sundaray, A R T Arasu, M Kailasam, Prem Kumar and Krishna Sukumaran</b>	2013	Bhetki macha chaser Unnat Prajukitgata Padhati in Bengali	CIBA extension series-38-a Published by Director CIBA, Chennai	1-6
<b>A R T Arasu, M Kailasam, J K Sundaray, Prem Kumar, R Subburaj,</b>	2013	Technology option for improved farming of Asian Sebass ( Bhetki) in Kannada	CIBA extension brochure Published by Director CIBA, Chennai	1-6
<b>A R T Arasu, M Kailasam, J K Sundaray, Prem Kumar, R Subburaj,</b>	2013	Technology option for improved farming of Asian Sebass (Bhetki) in Malayalam	CIBA extension brochure Published by Director CIBA, Chennai	1-6
<b>A R T Arasu, M Kailasam, J K Sundaray, Prem Kumar, R Subburaj,</b>	2013	Technology option for improved farming of Asian Sebass (Bhetki) in Gujarati	CIBA extension brochure Published by Director CIBA, Chennai	1-6
<b>A R T Arasu, J K Sundaray, M Kailasam, Prem Kumar and Krishna Sukumaran</b>	2013	Technology option for improved farming of Asian Sebass (Bhetki) in Marathi	CIBA extension brochure Published by Director CIBA, Chennai	1-6
<b>A R T Arasu, J K Sundaray, M Kailasam, Prem Kumar, R Subburaj &amp; G Thiagrajan</b>	2013	Technology option for improved farming of Asian Sebass ( Bhetki)	Published by Director CIBA, Chennai	1-6
<b>Books Edited</b>				
<b>Prem Kumar, M Kailasam, J K Sundaray, A R T Arasu, Krishna Sukumaran</b>	2013	Compedium on Asaian seabass, <i>Lates calcarifer</i> , Contribution from CIBA & Bibliography	Director, CIBA, Chennai	pp 1-370
<b>J K Sundaray, Munil Kumar Sukham, Rajiv Mohnaty and S K Otta</b>	2013	Frontiers in Aquaculture	Narendra Publishers, New Delhi	Yet to be publshed
<b>J K Sundaray, G Biswas and A D Deo</b>	2011	Training manual on Training Manual on Recent Trends in Finfish and Crustacean Grow-out Practices.	CIBA Special Publication No. 55.	
<b>A.R. T. Arasu, M. Kailasam &amp; J. K. Sundaray</b>	2009	Asian Seabass Fish Seed Production and Culture, CIBA Special Publication-42	Central Institute of Brackishwater Aquaculture, Chennai	pp1-152

A.R. T. Arasu, M. Kailasam & <b>J. K. Sundaray</b>	2009	Winter school manual on seed Production and culture of Brackishwater fin fishes with special reference to <i>Lates calcarifer</i>	Central Institute of Brackishwater Aquaculture, Chennai	pp1-222
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## Book Chapters/Manuals

Sl No	Authors	Year	Title	Publisher	Page
1	<b>J.K. Sundaray</b> , G. Biswas, A.D. Deo, A.R. Thirunavukkarasu, 2012.	2012	Reproductive manipulation of fish by using hormones.	Training Manual on CAFT Program on development of brood and gene banks of aquaculture production and conservation, CIFE Mumbai.	62-72.
2	<b>J K Sundaray</b> , Anindita Bhattacharya and Ashutosh D Deo	2012	Gender and Resilient Aquaculture	Compendium of Summer School on Gender Mainstreaming For Resilient Agriculture.  Published by Directorate of Research on Women in Agriculture, Bhubaneswar, Odisha.	55-63
3	A. R. T. Aarasu, M Kailasam, <b>J K Sundaray</b> , G Biswas, Prem Kumar, R. Subburaj and G Thiagrajan.	2012.	Controlled breeding, seed production and culture of barckishwater fishes	In proceedings of Worskhop on Advances in Aquaculture Technology, 2012, Marine Planktonology & Aquaculture Division, Department of Marine Sciences, Bharathidasan University, Tiruchirapally.	1-14,
4	R Saraswathy, M. Muralidhar and <b>J K Sundaray</b> .	2012.	Water quality management in Fish Hatchery and Grow - out system.	In proceedings of Worskhop on Advances in Aquaculture Technology, 2012, Marine Planktonology & Aquaculture Division, Department of Marine Sciences, Bharathidasan University, Tiruchirapally.	182-191
5	A. R. T. Aarasu, M Kailasam, <b>J K Sundaray</b> , G Biswas,	2011	An overview of captive breeding, seed production and	In CIBA Special Publication no-57. ICAR sponsored summer School Special	27-35.

	Prem Kumar, R. Subburaj and G Thiagrajan.. 2011.		culture of marine/brackishwater fin fishes in India.	publication on Advneces in Aquaculture Nutrition and feed Processing Technology.	
6	M.Kailasam A.R.T.Arasu, <b>J.K.Sundaray</b> , Prem Kumar, G.Biswas, R.Subburaj and G.Thiagarajan.	2011.	Culture of Asian seabass <i>Lates calcarifer</i> for sustainable aquaculture. Refresher training for officers of fisheries discipline, NABARD on Recent trends in brackishwater aquaculture.	CIBA Special publication No. 49.	63-67
7	A.R.T.Arasu, M. Kailasam and <b>J K .Sundaray</b>	2009	Advances in Fish culture for sustainability in brackishwater Aquaculture	CIBA Special Publication-43 Advanced technologies for the management of soil and water environment in Brackishwater Aquaculture Central Institute of Brackishwater Aquaculture, Chennai	95-102
8	A.R.T.Arasu, M. Kailasam and <b>J K .Sundaray</b>	2009	Aquaculture of Asian seabass an opportunity for entrepreneurship	CIBA Special Publication-46 Entrepreneurship Development in Coastal Aquaculture	10-21
9	A.R.T.Arasu, M. Kailasam and <b>J K .Sundaray</b>	2009	Success in Hatchery Development of Seabass and its potential for commercial cage culture in India	Cage Culture of Seabass, CMFRI , Cochin Publication	71-79
10	Prem Kumar, A.R.T. Arasu. <b>J.K.Sundaray</b> and M.Kailasam	2009	Concepts of Stress and its mitigation in Aquaculture. Asian Seabass, fish seed production and culture.	CIBA Special Publication-42 Asian Seabass Fish Seed Production & Culture Central Institute of Brackishwater Aquaculture, Chennai	122-131
11	<b>J.K. Sundaray</b> , A.R.T.Arasu and M. Kailasam	2009	Hormonal Control of Gametogenesis	CIBA Special Publication-42 Asian Seabass Fish Seed Production & Culture Central Institute of Brackishwater Aquaculture, Chennai	15-18

12	G. Biswas & <b>J K Sundaray</b>	2009	Pond Based Nursery Rearing	CIBA Special Publication-42 Asian Seabass Fish Seed Production & Culture Central Institute of Brackishwater Aquaculture, Chennai	138-141
13	<b>J.K.Sundaray</b> , M. Sukham A.R.T. Arasu, M.Kailsam and A. Panigrahi	2007	Endocrine disruptor chemicals and fish reproductive health with reference to the environment	Environmental Biotechnology Edited by C.S.K.Mishra and A.Juwarkar. A P H Publishing Corporation New Delhi.369-391	369-391
14	S. Munilkumar, <b>J.K. Sundaray</b> and Guruaribam Aruna Devi	2007	Periphyton based recirculating systems – a biotechnological tool for water quality management in aquaculture	Environmental Biotechnology, edited by C.S.K.Mishra and A.Juwarkar. A P H Publishing Corporation New Delhi.413-424	413-424
15	S.K.Rout, A. Nandi and <b>J.K.Sundaray</b>	2007	Role of probiotics in water quality management	Environmental Biotechnology, edited by C.S.K.Mishra and A.Juwarkar. A P H Publishing Corporation New Delhi. 393-412	393-412
16	Munil Kumar Sukham, <b>Jitendra Kumar Sundaray</b> and Guruaribam Aruna Devi	2006	Environmental Management Towards Sustainable Aquaculture	Environmental Issues and Option edited by C.S.K. Mishra, J. W. Kim and Amita Saxena., 230-245, Daya Publishing House, New Delhi 2006	230-245
17	<b>Sundaray J.K</b> , Venkateshvaran, K and Elancheran P	1995	Toxicity of certain Jelly fishes of Bombay Coast, published as Stop Press pp. 454	Venomous and Poisonous Marine Animals, A medical and Biological Handbook edited by John A Williamson, Peter J Fener, Joseph W Burnett and Jacque F Rifkin.454	454
18	A.Panigrahi, S.S. Mishra, <b>J.K.Sundaray</b> and Amiya Panigrahi	2007	BIOREMEDIATION : Conventional and Genomic approaches towards better environment.	Environmental Biotechnology, edited by C.S.K.Mishra and A.Juwarkar. A P H Publishing Corporation New Delhi. 271-292	271-292
19	M.Kailasam A.R.T.Arasu, <b>J.K.Sundaray</b> , Prem Kumar, G.Biswas, R.Subburaj and G.Thiagarajan.	2011	Culture of Asian seabass <i>Lates calcarifer</i> for sustainable aquaculture. Refresher training for	CIBA Special publication No. 49.	63-67

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1	A R T Arasu, M Kailasam, J K Sundaray, Prem Kumar, Krishna Sukumaran, G Biswas, R Subburaj, G Thiagarajan	2013	Video CD on Seabass Farming	Director, CIBA, Chennai	42 minutes VIDEO CD
2	Biswas, G., <b>Sundaray, J. K.</b> , Shyne Anand, P. S., De, D., Ghoshal, T. K., Ananda Raja, R., Sujeet Kumar., Thirunavukkarasu, A. R. and Ponniah, A. G. 2011.	2011	Nonajole maach o chingrir labhjanak misrachash (Profitable polyculture of fish and shrimp in brackishwater).	Annadata (in Bengali), August	62-64.
3	A.R.T.Arasu, M. Kailasam, <b>J.K.Sundaray</b> , Prem Kumar, R. Subburaj, G,Thiagarajan	2010	Status of Fin fish breeding and seed production under controlled conditions	Proceedings of Workshop on Marine Fin Fish Farming with Focus on Cobia to improve the livelihood of Fishers	25-37
4	M. Kailasam, A.R.T.Arasu, <b>J.K.Sundaray</b> , G. Biswas, Prem Kumar, R.Subburaj and K. Thiagarajan	2010	Induced breeding protocols for ornamental Brackishwater Fishes	Innovative and viable Biotechnological techniques for Ornamental Aquaculture System and Managements	177-182
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6	M.Kailasam, A.R.Thirunavukkarasu and <b>J.K.Sundaray</b>	2008	Induced breeding Techniques and culture of brackishwater fin	Proceeding on State Level seminar on Recent trends in Environmental Biotechnology held at Jamal	74-77

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8	<b>J.K. Sundaray</b> , A.R.T.Arasu, M. Kailasam and G. Biswas	2008	Reproductive hormones in fishes	In the proceedings of National Seminar on Recent Trends in Aquaculture Biotechnology held at Jamal Mohamed College, Tiruchirapalli, Tamilnadu sponsored by University Grant Commission., , August 2008.	15-21
9	A.R.T.Arasu, M. Natarajan, M. Kailasam and <b>J K Sundaray</b>	2008	Induced breeding techniques in Brackishwater Fin Fishes.	In the proceedings of National Seminar on Recent Trends in Aquaculture Biotechnology held at Jamal Mohamed College, Tiruchirapalli, Tamilnadu sponsored by University Grant Commission., August 2008.	7-14
10	A. G. Ponniah and <b>J K Sundaray</b>	2008	Challenges ahead for introduction of new native species to Indian Aquaculture.	In the proceeding of 8th Indian Fisheries Forum, held at Kolkata from 22nd to 26th November 2008.	86-91
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14	Jain, A. K and <b>Sundaray, J. K.</b>	1994	Sex manipulation- A biotechnology to enhance aquaculture production.	Fishing Chimes, 13, 10: 41- 45	41-45
15	Mohanty, R. K and <b>Sundaray, J. K.</b>	1999	Environmental impacts of coastal shrimp farming and measures to reduce pollution.	Fishing Chimes, 19, 7: 39-40	39-40
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