

# MOLLUSCAN SHELL PIGMENTS: AN IN SITU RESONANCE

Journal of Molluscan Studies

72, 157-162

DOI: [10.1093/mollus/eyi062](https://doi.org/10.1093/mollus/eyi062)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Distribution of pigments in the shell of the gastropod <i>Littorina obtusata</i> (Linnaeus, 1758). <i>Russian Journal of Marine Biology</i> , 2007, 33, 238-244.	0.2	8
2	Regular variations in organic matrix composition of small yellow croaker ( <i>Pseudociaena polyactis</i> ) otoliths: an in situ Raman microspectroscopy and mapping study. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 777-782.	1.9	12
3	Understanding otolith biomineralization processes: new insights into microscale spatial distribution of organic and mineral fractions from Raman microspectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 551-560.	1.9	40
4	Micro-Raman spectroscopy of pigments contained in different calcium carbonate polymorphs from freshwater cultured pearls. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 525-536.	1.2	42
5	Microstructure and crystallographic texture of <i>Charonia lampas lampas</i> shell. <i>Journal of Structural Biology</i> , 2008, 163, 175-184.	1.3	29
6	Reconstruction of color markings in <i>Vicarya</i> , a Miocene potamidid gastropod (Mollusca) from SE Asia and Japan. <i>Paleontological Research</i> , 2008, 12, 345-353.	0.5	9
7	Inheritance of predominantly hidden shell colours in <i>Macoma balthica</i> (L.) (Bivalvia:Tellinidae). <i>Journal of Molluscan Studies</i> , 2008, 74, 363-371.	0.4	21
8	Role of polyenes in the coloration of cultured freshwater pearls. <i>European Journal of Mineralogy</i> , 2009, 21, 85-97.	0.4	36
9	Colour Patterns in Early Devonian Cephalopods from the Barrandian Area: Taphonomy and taxonomy. <i>Acta Palaeontologica Polonica</i> , 2009, 54, 491-502.	0.4	6
10	Adaptive shell color plasticity during the early ontogeny of an intertidal keystone snail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16298-16303.	3.3	46
11	Wide area illumination Raman scheme for simple and nondestructive discrimination of seawater cultured pearls. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 2187-2192.	1.2	10
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13	Clam shell repair from the brown ring disease: a study of the organic matrix using Confocal Raman micro-spectrometry and WDS microprobe. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 555-567.	1.9	17
14	Applications of Raman spectroscopy to gemology. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2631-2646.	1.9	85
15	Experimental and theoretical studies on corals. I. Toward understanding the origin of color in precious red corals from Raman and IR spectroscopies and DFT calculations. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 651-658.	1.2	34
16	Confocal Raman and electronic microscopy studies on the topotactic conversion of calcium carbonate from <i>Pomacea lineate</i> shells into hydroxyapatite bioceramic materials in phosphate media. <i>Micron</i> , 2010, 41, 983-989.	1.1	34
17	Confocal Raman microscope mapping as a tool to describe different mineral and organic phases at high spatial resolution within marine biogenic carbonates: case study on <i>Nerita undata</i> (Gastropoda, Neritopsina). <i>Biogeosciences</i> , 2011, 8, 3761-3769.	1.3	49
18	The Nature of the Pigments in Corals and Pearls: A Contribution from Raman Spectroscopy. <i>Spectroscopy Letters</i> , 2011, 44, 453-458.	0.5	31

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19	Construction of cDNA subtractive library from pearl oyster ( <i>Pinctada fucata</i> Gould) with red color shell by SSH. Chinese Journal of Oceanology and Limnology, 2011, 29, 616-622.	0.7	10
20	Purification and characterisation of aquamarine blue pigment from the shells of abalone ( <i>Haliotis</i> ) Tj ETQq1 1 0.784314 rgBT JOverloc 4.2 16	0.7	16
21	Colour or no colour in the juvenile shell of the black lip pearl oyster, <i>Pinctada margaritifera</i> ?. Aquatic Living Resources, 2012, 25, 83-91.	0.5	2
22	<i>Haslea karadagensis</i> (Bacillariophyta): a second blue diatom, recorded from the Black Sea and producing a novel blue pigment. European Journal of Phycology, 2012, 47, 469-479.	0.9	47
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24	The formation and mineralization of mollusk shell. Frontiers in Bioscience - Scholar, 2012, S4, 1099-1125.	0.8	311
26	Effects of dietary Europium complex and Europium(III) on cultured pearl colour in the pearl oyster <i>Pinctada martensii</i> . Aquaculture Research, 2013, 44, 1300-1306.	0.9	9
27	Preparation techniques alter the mineral and organic fractions of fish otoliths: insights using Raman micro-spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 4787-4798.	1.9	10
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31	Influence of Astaxanthin on Pearl Oyster &Pinctada martensii&. Advanced Materials Research, 0, 781-784, 889-894.	0.3	2
34	Chemometric Analysis of Raman and IR Spectra of Natural Dyes. Challenges and Advances in Computational Chemistry and Physics, 2014, , 279-308.	0.6	1
35	Conjugated polyenes as chemical probes of life signature: use of Raman spectroscopy to differentiate polyenic pigments. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140200.	1.6	20
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37	Inheritance of the background shell color in the snails <i>Littorina obtusata</i> (Gastropoda, Littorinidae). Russian Journal of Genetics, 2014, 50, 1038-1047.	0.2	8
38	New Strategies for Identifying Natural Products of Ecological Significance from Corals. Studies in Natural Products Chemistry, 2014, 43, 313-349.	0.8	4
39	An analysis of bivalve larval shell pigments using micro-Raman spectroscopy. Journal of Raman Spectroscopy, 2014, 45, 349-358.	1.2	18

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40	The distribution of polyenes in the shell of <i>Arctica islandica</i> from North Atlantic localities: a confocal Raman microscopy study. <i>Journal of Molluscan Studies</i> , 2014, 80, 365-370.	0.4	32
41	Micro-Raman spectroscopy analysis of the 17th century panel painting "Servilius Appius"™ by Isaac van den Blocke. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1019-1025.	1.2	14
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45	Limpet Shells from the Aterian Level 8 of El Harhoura 2 Cave (Tâ©mara, Morocco): Preservation State of Crossed-Foliated Layers. <i>PLoS ONE</i> , 2015, 10, e0137162.	1.1	16
46	Nature's Palette: Characterization of Shared Pigments in Colorful Avian and Mollusk Shells. <i>PLoS ONE</i> , 2015, 10, e0143545.	1.1	24
47	Confocal Raman microscopy in sclerochronology: A powerful tool to visualize environmental information in recent and fossil biogenic archives. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 325-335.	1.0	8
48	Classifying bivalve larvae using shell pigments identified by Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3591-3604.	1.9	7
49	Micro spatial analysis of seashell surface using laser-induced breakdown spectroscopy and Raman spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 110, 63-69.	1.5	26
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57	Interactions between colour-producing mechanisms and their effects on the integumentary colour palette. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160536.	1.8	118

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59	First record of carotenoid pigments and indications of unusual shell structure in chiton valves. <i>Journal of Molluscan Studies</i> , 2017, 83, 476-480.	0.4	9
60	Relevance of body size and shell colouration for thermal absorption and heat loss in white garden snails, <i>Theba pisana</i> (Helicidae), from Northern France. <i>Journal of Thermal Biology</i> , 2017, 69, 54-63.	1.1	14
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63	The effects of environment on <i>Arctica islandica</i> shell formation and architecture. <i>Biogeosciences</i> , 2017, 14, 1577-1591.	1.3	22
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71	Histological and Expression Differences Among Different Mantle Regions of the Yesso Scallop ( <i>Patinopecten yessoensis</i> ) Provide Insights into the Molecular Mechanisms of Biomineralization and Pigmentation. <i>Marine Biotechnology</i> , 2019, 21, 683-696.	1.1	14
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74	Colour in bivalve shells: Using resonance Raman spectroscopy to compare pigments at different phylogenetic levels. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1527-1536.	1.2	7
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77	Raman spectroscopy of natural and cultured pearls and pearl producing mollusc shells. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1813-1821.	1.2	15
78	The palaeobiology of belemnites – foundation for the interpretation of rostrum geochemistry. <i>Biological Reviews</i> , 2020, 95, 94-123.	4.7	48
79	Transcriptome analysis reveals the pigmentation related genes in four different shell color strains of the Manila clam <i>Ruditapes philippinarum</i> . <i>Genomics</i> , 2020, 112, 2011-2020.	1.3	27
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96	Visualization of the internal structures of cultured pearls by computerized X-ray microtomography. Journal of Gemmology, 2008, 31, 15-21.	0.1	16
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