Authors	Title	Citation	DOI or PMID	Year	Country (primary)	Institution	Problem Type	Cluster	PubPeer (before correction or retraction) (and only if	PubPeer url
Mani Divya, Baskaralingam Vaseeharan, Muthukumar Abinanya, Sekar Vijayakumar, Marimuthu Govindarajan, Naiyf S. Alharbi, Shine Kadaikunnan, Jamal M. Khaled, Giovanni Benelli	Biopolymer gelatin-coated zinc oxide nanoparticles showed high antibacterial, antibiofilm and anti-angiogenic activity	Journal of Photochemistry & Photobiology, B: Biology	10.1016/j.jphotobiol.2017.11.008	2017	India	Crustacean Molecular Biology and Genomics Division, Biomaterials and Biotechnology in Animal Health Lab,	ImageDupl	Baskaralingam Vaseeharan at Alagappa University with Marimuthu Govindarajan at Annamalai	9/10/2019	https://pubpeer.com/publications/066263EEB43999A172FA28209DD51B
Muthukumar Abinaya, Baskaralingam Vaseeharan, Mani Divya, Aruna Sharmili, Marimuthu Govindarajan, Naiyf S. Alharbi, Shine Kadaikunnan, Jamal M. Khaled, Giovanni Benell	Bacterial exopolysaccharide (EPS)-coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors	Journal of Trace Elements in Medicine and Biology 45 (2018) 93–103	10.1016/j.jtemb.2017.10.002	2017	India	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa	ImageDupl	Baskaralingam Vaseeharan at Alagappa University with Marimuthu Govindarajan at Annamalai	8/28/2019	https://pubpeer.com/publications/2FA70650A745C10016551E5DAA5005
Periyakaruppan Suganya, Baskaralingam Vaseeharan, Sekar Vijayakumar, Banumathi Balan, Marimuthu Govindarajan, Naiyf S. Alharbi, Shine Kadaikunnan, Jamal M. Khaled, Giovanni Benelli	Biopolymer zein-coated gold nanoparticles: Synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector Aedes aegypti	Journal of Photochemistry & Photobiology, B: Biology 173 (2017) 404–411	10.1016/j.jphotobiol.2017.06.004	2017	India	Nanobiosciences and Nanopharmacology Division, Biomaterials and Biotechnology in Animal Health Lab,	ImageDupl	Baskaralingam Vaseeharan at Alagappa University with Marimuthu Govindarajan at Annamalai	9/13/2019	https://pubpeer.com/publications/64DC056FAD1824F4D02CE416DA9676
Rajagopalan Thaya, Baskaralingam Vaseeharan, Jeyachandran Sivakamavalli, Arokiadhas Iswarya, Marimuthu Govindarajan, Naiyf S. Alharbi, Shine Kadaikunnan, Mohammed N. Al-anbr, Jamal M. Khaled, Giovanni Benelli	Synthesis of chitosan-alginate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multi-drug resistant microbial pathogens	Microbial Pathogenesis	10.1016/j.micpath.2017.11.011	2017	India	Crustacean Molecular Biology and Genomics Division, Biomaterials and Biotechnology in Animal Health Lab,	ImageDupl	Baskaralingam Vaseeharan at Alagappa University with Marimuthu Govindarajan at Annamalai	9/13/2019	https://pubpeer.com/publications/C4A99ED2B7456AEA26DB4ED8FBB8B4
Ramachandran Ishwaryaa, Baskaralingam Vaseeharana, ⁎, Subramanian Kalyania, Balan Banumathia, Marimuthu Govindarajanb, c, Naiyf S. Alharbid, Shine Kadaikunnand, ⁎, Mohammed N. Al-anbrd, Jamal M. Khaledd, Giovanni Benelli	Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity	Journal of Photochemistry & Photobiology, B: Biology xxx (2017) xxx-xxx	10.1016/j.jphotobiol.2017.11.006	2017	India	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa	ImageDupl	Baskaralingam Vaseeharan at Alagappa University with Marimuthu Govindarajan at Annamalai	8/28/2019	https://pubpeer.com/publications/BDD66DF6A882F43821C023ED429833
Sangily Jayanthi, Sathappan Shanthi, Baskaralingam Vaseeharan, Narayanan Gopi, Marimuthu Govindarajan, Naiyf S. Alharbi, Shine Kadaikunnan, Jamal M. Khaled, Giovanni Benelli	Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule	Journal of Photochemistry & Photobiology, B: Biology	10.1016/j.jphotobiol.2017.04.011	2017	India	Crustacean Molecular Biology and Genomics division, Biomaterials and Biotechnology in Animal Health Lab,	ImageDupl	Baskaralingam Vaseeharan at Alagappa University with Marimuthu Govindarajan at Annamalai	9/13/2019	https://pubpeer.com/publications/D630CC4A5038A77183C870343AAC70
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Muthukumar Abinaya & Baskaralingam Vaseeharan & Mani Divya & Sekar Vijayakumar & Marimuthu Govindarajan, & Naiyf S. Alharbi & Jamal M. Khaled & Mohammed N. Al-anbr & Giovanni Benelli	Structural characterization of Bacillus licheniformis Dahb1 exopolysaccharide—antimicrobial potential and larvicidal activity on malaria and Zika virus mosquito vectors	Environmental Science and Pollution Research	10.1007/s11356-018-2002-6	2018	India	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa	ImageDupl	Baskaralingam Vaseeharan at Alagappa University with Marimuthu Govindarajan at Annamalai	9/13/2019	https://pubpeer.com/publications/75B6203592B36764A852E09CB87428
Ramachandran Ishwarya, Baskaralingam Vaseeharan, Suganya Subbaiah, Abdul Khudus Nazar, Marimuthu Govindarajan, Naiyf S. Alharbi, Shine Kadaikunnan, Jamal M. Khaled, Mohammed N. Al-anbr	Sargassum wightii–synthesized ZnO nanoparticles – from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp Penaeus semisulcatus		10.1016/j.jphotobiol.2018.04.049	2018	India	Nanobiosciences and Nanopharmacology Division, Biomaterials and Biotechnology in Animal Health Lab,	ImageDupl	Baskaralingam Vaseeharan at Alagappa University with Marimuthu Govindarajan at Annamalai	9/13/2019	https://pubpeer.com/publications/3381E5D67E8053AF6B9843AB266080
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